

**RISE with SAP S/4HANA Cloud, private edition  
Service Description Guide ("SDG")**

**1. DEFINITIONS**

In addition to the Usage Metrics Definitions, certain Cloud Services in this SDG may include additional explanations on the applicable usage metric.

- 1.1. **"% of Net Recurring Fee"** is the stated percentage multiplied by the stated net recurring fee.
- 1.2. **"Active User"** is any individual who accesses the Cloud Service.
- 1.3. **"API Call"** is the communication of an action to or from the Cloud Service to or from another system/technology that occurs via a defined application programming interface.
- 1.4. **"Assets Under Management"** is the total value of all assets managed via the Cloud Service.
- 1.5. **"Capacity Unit"** is a ratio of services consumed via the Cloud Service and is calculated as set forth in the respective Product Supplement, Service Description Guide or Service Use Description.
- 1.6. **"Cloud Credit"** is the total prepaid amount of money available for the consumption of eligible services for the Cloud Service.
- 1.7. **"Connection"** is a linkage between the Cloud Service and another system/technology.
- 1.8. **"Contact"** is each individual data object for each customer, prospect, business partner, or constituent profile managed via the Cloud Service.
- 1.9. **"Cost of Goods"** is all expenses associated with the production and/or procurement of goods processed via the Cloud Service.
- 1.10. **"Document"** is a record of commercial transactional data managed via the Cloud Service.
- 1.11. **"Entitlements Package"** is a set of defined entitlements, as set forth in the respective Product Supplement, Service Description Guide or Service Use Description.
- 1.12. **"Flat Fee"** is a fixed fee for the Cloud Service.
- 1.13. **"Full Use Equivalent"** is the aggregation method by which Customer may allocate individuals access to the Cloud Service in accordance with the ratios set forth in the respective Cloud Supplement, Service Description Guide or Service Use Description.
- 1.14. **"Gigabyte"** is the amount of capacity in the Cloud Service.
- 1.15. **"Gross Merchandise Value"** is the gross sales revenue for products and/or services processed via the Cloud Service.
- 1.16. **"Object"** is a data object, representing any physical object, managed via the Cloud Service.
- 1.17. **"Order"** is each individual sales and service order data object managed via the Cloud Service.
- 1.18. **"Point of Delivery"** is the active metering point where a utility service is supplied or determined, as managed via the Cloud Service.
- 1.19. **"Record"** is each individual data object managed via the Cloud Service.
- 1.20. **"Resource"** is any authorized individual or physical asset accessing, being managed and/or monitored via the Cloud Service.
- 1.21. **"Revenue and Expense"** is the total amount of revenue and expenses processed via the Cloud Service.
- 1.22. **"Revenue"** is the total amount of revenue processed via the Cloud Service.
- 1.23. **"Spend"** is the total expenditures processed via the Cloud Service.
- 1.24. **"Supplier"** is each individual data object for a supplier account managed via the Cloud Service.
- 1.25. **"Tenant"** is a customer-specific instance of the Cloud Service.

- 1.26. **"Ton"** is a measure of total weight, in 1,000 kilogram units, of goods managed via the Cloud Service.
- 1.27. **"Transaction"** is any message, job, action, response, and/or task processed via the Cloud Service.
- 1.28. **"User"** is any individual authorized to access the Cloud Service.

## 2. GENERAL

- 2.1. This Service Description Guide ("**SDG**") was last updated on November 4, 2024. It is effective between Customer and SAP as of the Order Form effective date. Where an Order Form is effective prior to this date, please refer to SAP's Archived Agreements page on the SAP Trust Center to locate the applicable SDG.
- 2.2. This SDG applies only to the SAP S/4HANA Cloud, private edition services to which Customer is subscribed. Any documents referenced herein are available upon request. For the avoidance of doubt, all non-productive development ("**DEV**"), testing, and quality assurance ("**QA**") may only be conducted in non-production environments.
- 2.3. SAP reserves the right to reasonably limit the use of the services set forth in the Roles and Responsibilities Documentation (made available to you upon request or on the SAP website) initiated via a service request if Customer's use is unreasonably excessive. If any such limitation is imposed, Customer's usage shall be reviewed and assessed with Customer.
- 2.4. Block Size  
Block Size is 1 unless indicated otherwise.
- 2.5. RISE 99.9% SLA Eligibility  
Unless otherwise indicated in this SDG including with a marking of "N/A" which is understood to mean "not applicable," the Cloud Services listed in this SDG are eligible for the RISE 99.9% SLA where Customer purchases a subscription to SAP RISE 99.9% SLA, as indicated in an Order Form.
- 2.6. Maximum Blocks  
Where Maximum Blocks is indicated in this SDG, there is no additional fee for Customer's use in excess of the Maximum Blocks, however, Customer must subscribe to additional system sizing as necessary to support Customer's usage.
- 2.6. Disaster Recovery and GxP Eligibility  
Unless otherwise indicated in this SDG including with a marking of "**N/A**" which is understood to mean "not applicable," the Cloud Services listed in this SDG are eligible for disaster recovery and/or GxP where the Customer purchases a subscription to SAP S/4HANA Cloud, Disaster Recovery, private edition and/or SAP S/4HANA Cloud, GxP, private edition (as applicable), as indicated in an Order Form.
- 2.7. System Size  
An additional tier can only be attained with a service package which includes infrastructure, where applicable.

## 3. SAP HANA RUNTIME

- 3.1. SAP HANA, runtime is a runtime database included in certain SAP S/4HANA Cloud, private edition packages ("**HANA Runtime**"). All SAP S/4HANA Cloud, private edition packages inclusive of HANA Runtime are subject to the following terms. HANA Runtime and the additional Cloud Service Software components included in HANA Runtime may only be used in conjunction with Customer's use of SAP S/4HANA Cloud, private edition packages.

HANA Runtime includes the limited use of the following additional Cloud Service Software components:

SAP HANA Platform;

SAP HANA Rules Framework;

SAP HANA, data privacy option;

SAP HANA, predictive option;

SAP HANA, spatial and graph option;

SAP HANA, search and text option;

SAP HANA, Smart Data Quality ("**SDQ**");  
SAP Smart Data Integration ("**SDI**"); and  
SAP HANA, native storage extension.

- 3.2. SAP HANA Platform includes the HANA Studio, Cockpit and Web IDE components. All data modeling, distribution, creation and extension of data structures, including tables and virtual tables via Smart Data Access used in HANA Runtime must be performed via the SAP S/4HANA Cloud, private edition Cloud Service. Use of SDI is limited solely to loading data into HANA Runtime or the SAP S/4HANA Cloud, private edition Cloud Service. Data may be loaded from an appropriately licensed Data Source via SDI or via SAP S/4HANA Cloud, private edition Cloud Service interfaces. SDI may also be used with Smart Data Access in a data federation scenario. Notwithstanding anything to the contrary, data may not be distributed from one SAP S/4HANA Cloud, private edition package to another at the HANA database level.
- 3.3. Customer may export data, using licensed SAP tools, to be used solely within one or more of the following:
  - 3.3. SAP HANA, enterprise edition;
  - 3.3. SAP HANA, standard edition;
  - 3.3. SAP Cloud Platform, SAP HANA service;
  - 3.3. SAP HANA Cloud; SAP HANA, EE Cloud; and/or
  - 3.3. SAP Datasphere.
- 3.4. Use of the SAP HANA Studio, Cockpit, Web IDE components, and SAP Business Application Studio (BAS) is limited solely to administering, monitoring and creating custom views for the HANA Runtime database instance. All reporting must be performed via the SAP S/4HANA Cloud, private edition Cloud Service or via custom views created using HANA Studio, Web IDE, or BAS. Such custom views may be accessed by SAP business intelligence ("**SAP BI**") tools. Use of Web IDE may require an additional infrastructure subscription and is limited to the creation of views for reporting purposes only.
- 3.5. HANA Runtime includes the optional, limited use of the following on-premise components: SAP Data Integrator ("**DI**"), SAP Landscape Transformation replication server ("**SLT**"), HANA Studio, and Cockpit. Use of DI and SLT is limited solely to loading data into HANA Runtime or the SAP S/4HANA Cloud, private edition Cloud Service.

#### **4. STORAGE ON SERVERS**

- 4.1. HANA servers.
- 4.2. The storage allocation for HANA servers in Private Cloud Edition serves purposes like storing the in-memory data, logs and ensuring sufficient performance. Not all the allocated storage is usable for the customer to store data. In Private Cloud Edition the usable storage amount for HANA servers, unless otherwise stated, is equal to the HANA memory size. If more is needed for e.g., Native Storage Extension (NSE) or Hybrid LOBs, this needs to be purchased in addition with the additional DB Storage service.
- 4.3. Application servers
- 4.4. The allocated storage on application servers is intended for system operation and not intended to store any customer data. In case storage is needed for customer data, additional file storage must be added with the appropriate file storage service.

Within each system there is a default storage allocation for a common transport folder. The allocation can easily be seen in the detailed configurations for each system. In case more is needed this can be allocated with the additional filesystem storage service.

Consider if any additional storage is needed for e.g., File interfaces and SFTP and add the storage necessary.

#### **5. SERVER SIZES**

- 5.1. All Server sizes specified in this document are specified as a minimum server size. The actual size delivered can be larger and depends on availability in the datacenter of choice. The minimum size specified is the lowest common denominator across what's available in Microsoft Azure, Amazon Web Services, Google Cloud Platform and SAP Datacenters.

## 6. MAXIMUM DATABASE SIZES

### 6.1. Non-HANA Databases

- 6.1. The table below indicates the maximum tenant sizes supported based on the databased type and memory size. If the maximum tenant size is exceeded, the applicable database server needs to be scaled to a larger size and Customer must execute an additional order form or pay any additional fees associated with the increase database size.

| Database      | Server Memory Size | Maximum Tenant Size |
|---------------|--------------------|---------------------|
| ASE DB        | 32GiB Memory       | 500GB               |
| ASE DB        | 64GiB Memory       | 1000GB              |
| ASE DB        | 128GiB Memory      | 2000GB              |
| ASE DB        | 256GiB Memory      | 5000GB              |
| Microsoft SQL | 32GiB Memory       | 500GB               |
| Microsoft SQL | 64GiB Memory       | 1000GB              |
| Microsoft SQL | 128GiB Memory      | 3000GB              |
| Microsoft SQL | 256GiB Memory      | 5000GB              |
| MaxDB         | 32GiB Memory       | 680GB               |
| MaxDB         | 64GiB Memory       | 10000GB             |

### 6.2. HANA Databases

- 6.2. The maximum tenant size supported for HANA database servers depends on the availability of services in the applicable data center and the size limits put in place by the applicable hyperscaler.
- 6.2. Only single-node HANA databases are supported with RISE with SAP S/4HANA Cloud, private edition.

## 7. CLOUD SERVICE SOFTWARE

- 7.1. The Cloud Service Software to which Customer is subscribed is subject to the release strategy, available at <https://support.sap.com/releasestrategy>. Customers must use a version or release of the Cloud Service Software, which is covered by Mainstream Maintenance or Extended Maintenance, if applicable.
- 7.2. Cloud Services listed below are grouped by sub-titles Core, Finance, Digital Supply Chain, Procurement, Human Experience Management, Enterprise Information Management, Oil and Gas, Insurance, Automotive, Life Sciences, Utilities, Consumer Products, Retail, Higher Education and Research, Public Sector, Customer Experience, Analytics, Middleware, Delivery by Hosting Providers.

## CORE

### 8. RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION; RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION, BASE OPTION AND BASE; RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION, PREMIUM; AND RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION, PREMIUM PLUS

8.1. Usage Metric: Full Use Equivalent ("FUE"). Full Use Equivalent is the aggregation method by which Customer may allocate individuals access to the Cloud Service in accordance with the ratios set forth as follows. 1 FUE = 0.50 SAP S/4HANA Cloud, Developer Access;

1 FUE = 1 SAP S/4HANA Cloud for advanced use;

1 FUE = 5 SAP S/4HANA Cloud for core use;

1 FUE = 30 SAP S/4HANA Cloud for self-service use.

Customer may allocate each FUE to any one of the use types and may change the allocation during the subscription term. A Full Usage Equivalent cannot be divided between or among different use types. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

8.2. S/4HANA Cloud for self-service use

8.2. Authorized Users (as defined in the GTC) are permitted to use the following solution capabilities of RISE with SAP S/4HANA Cloud, private edition: Available to Promise; Batch Management; Delivery Management; Goods Movement; Empties Management; Handling Unit Management; Maintenance Execution; Maintenance Demand Processing; Material Requirements Planning; Organizational Structure Management; Physical Inventory; Production Control; Production Execution; Self-Service Requisitioning; Serial Number Management; Time Sheet; Transportation Management; Warehouse Management.

8.2. The S/4HANA Cloud for self-service use also covers display use rights and approval use rights for all solution capabilities of the Cloud Service.

8.3. SAP S/4HANA Cloud for core use:

8.3. Authorized Users (as defined in the GTC) are permitted to use the following solution capabilities of RISE with SAP S/4HANA Cloud, private edition: Account and Contact Management; Activity Management; Available to Promise; Customer Engagement; Batch Management; Business Solution Portfolio; Capacity Planning; Claims, Returns and Refund Management; Delivery Management; Empties Management; External Processing; Goods Movement; Handling Unit Management; Incentive and Commissions Management; In-House Repair; Inventory Analytics and Control; Just-in-time Processing; Kanban; Maintenance Execution; Maintenance Planning; Maintenance Demand Processing; Manufacturing Analytics; Master Data Maintenance; Material Requirements Planning; Opportunity Management; Organizational Structure Management; Physical Inventory; Price Management; Product Development Foundation; Production BOM Management; Production Control; Production Execution; Project Financial Control; Project Logistics Control; Quality Improvement; Quality Inspection; Quality Planning; Recipe/Routing Management; Repetitive Manufacturing; Returnable Packaging Logistics; Sales Billing; Sales Contract Management; Sales Lead Management; Sales Master Data Management; Sales Monitoring and Analytics; Sales Order Management and Processing; Sales Quotation Management; Sales Rebates Management; Self-Service Requisitioning; Serial Number Management; Service and Maintenance Plan; Service Billing; Service Contract Management; Service Fulfillment; Service Monitoring and Analytics; Service Order Management; Service Parts Fulfillment; Service Request Management; Subcontracting; Solution Billing; Solution Quotation Management; Technical Assets, Structure and History; Time Sheet; Transportation Management; Variant Configuration; Warehouse Management; Warranty Management.

8.3. The S/4HANA Cloud for core use also covers display use rights and approval use rights for all solution capabilities of the Cloud Service.

8.4. SAP S/4HANA Cloud for advanced use

Authorized Users (as defined in the GTC) are permitted to use all solution capabilities of the Cloud Service, inclusive of display and approval use rights.

8.5. SAP Developer Access

Use is allowed by the number of individuals included in the licensed level who are authorized to access the development tools provided with the licensed S/4HANA Enterprise Management Software for the purpose of making ABAP Addons to any S/4HANA Cloud, private edition packages.

8.6. System size based on usage tier.

| Usage Tier     | System Size | Database /Application | PRD System Size                           | QAS System Size                           | DEV System Size                         |
|----------------|-------------|-----------------------|---|---|---|
| Up to 135 FUE* | XXS         | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | No QAS system delivered                   | 1 x 256GiB memory, 256GB usable storage |
|                |             | App Server            | 1 x 64GiB memory                          | No QAS system delivered                   | 1 x 32GiB memory                        |
| Up to 550 FUE  | XS          | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                |             | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 1000 FUE | S           | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                |             | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 2000 FUE | M           | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                |             | App Server            | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 4000 FUE | L           | HANA DB               | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                |             | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 2 x 64GiB memory                        |
| Up to 6000 FUE | XL          | HANA DB               | 1 x 2944GiB memory, 2944GB usable storage | 1 x 2944GiB memory, 2944GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                |             | App Server            | 4 x 128GiB memory                         | 4 x 128GiB memory                         | 2 x 64 GiB memory                       |
| Above 6000 FUE | XXL         | HANA DB               | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                |             | App Server            | 4x128 GiB memory                          | 4x128 GiB memory                          | 2 x 64 GiB memory                       |

\* For RISE with SAP S/4HANA Cloud, private edition, base option, this is the only available Usage Tier.

8.7. Additional Terms and Conditions

8.8. SAP S/4HANA Cloud, private edition, base option restricted to specific datacenters only.

8.9. This Cloud Service includes:

- a. WEB DISPATCHER Prod/NonProd (8GIB Memory each, installed on dedicated servers).
- b. SAP CLOUD CONNECTOR Prod/NonProd (8GIB memory each, installed on dedicated servers). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.

- c. Common transport folder, 100GB of storage is included for all transport files.
- 8.9. A subscription to the Cloud Service includes an on-premise component, Adobe Lifecycle Designer, that can be downloaded and installed by the Customer. The System Availability Service Level does not apply to Adobe Lifecycle Designer. Customer may only use the on-premise component during the Subscription Term. Adobe Lifecycle Designer is not eligible for EU Access.
  - 8.9. For RISE with SAP S/4HANA Cloud, private edition and experience management, each FUE comes with 10 Users of SAP Qualtrics Employee Technology Experience.
  - 8.9. Forms by Adobe
 

A subscription to the Cloud Service includes limited use of the following optional Cloud Feature(s), which may only be used in conjunction with the Cloud Service:

**Forms as a Service by Adobe (“Forms by Adobe”).** Customer may make up to 200,000 Forms Requests per month in Forms as a Service by Adobe for no additional fee. A single Form Request is counted for each document with up to 5 pages created using Forms by Adobe. The number of Form Requests for a document created with more than 5 pages is calculated by dividing the total pages of the document by 5. If the result of the calculation is not a whole number, the remainder shall be counted as a single Form Request. Form Requests for which a number of pages cannot be determined (e.g., digital signature request) are counted as a single Form Request. This Cloud Feature includes on-premise components that Customer needs to download, install, and manage. Forms by Adobe is provisioned in a separate cloud environment managed, supported, and maintained entirely by the Customer. Form by Adobe does not include the same service elements that apply to the S/4HANA Cloud, private edition Systems. (The Service Level Agreement does not apply to Forms by Adobe.

Use of Forms by Adobe is subject to the applicable supplemental terms and conditions accessible at <http://sap.com/agreements-cloud-services-product-supplement>, also available from SAP upon request.
  - 8.9. PLM system integration for SAP S/4HANA may only be used to integrate with SAP Enterprise Product Development. Usage of PLM system integration for SAP S/4HANA with other systems requires separate licensing.
  - 8.10. This package includes HANA Runtime.
  - 8.11. This Cloud Service includes unlimited use of SAP ILM Retention Management except that Customer is responsible for any associated storage.
  - 8.12. S/4HANA Compatibility Pack
  - 8.12. "**S/4HANA Compatibility Pack**" means an S/4HANA compatible copy of classical (non-S/4HANA) SAP ERP software ("**classical use**"). Only the S/4HANA Compatibility Pack provided as a part of the SAP ERP software is available as a part of this package as further described in Part 4 of the SAP S/4HANA Compatibility Scope Matrix referenced in SAP Note 2269324. The S/4HANA Compatibility Pack may be used by Customer until the earlier of any termination or expiration of the Cloud Service subscription; or the date referenced in SAP Note 2269324.
  - 8.12. Certain features are not included as a part of S/4HANA Compatibility Pack as further described in the SAP S/4HANA Feature Scope Description.
  - 8.13. Central User Administration
 

Where Customer has multiple systems, Customer shall utilize Central User Administration to monitor and maintain individual user IDs consistently across those systems. Alternatively, Customer shall manually monitor user IDs across its various systems. Customer shall remain within the Usage Metric and volume limitations indicated in the Order Form and any use outside of this scope as a result of duplicated individual user IDs may subject Customer to additional fees.
  - 8.14. RISE with SAP S/4HANA Cloud, private edition, base option is not eligible for the SAP RISE 99.9% SLA.
  - 8.15. **System Provisioning.** Unless Customer requests otherwise via a service request ticket, SAP may provision remaining Cloud Service systems at a later date than the first system.
  - 8.16. Single Sign-On

This Cloud Service supports authentication/single sign-on features integrated with the Customer's existing Microsoft Active Directory. If the Customer is using SAP GUI, Secure Login Client has to be activated for use with SAP GUI to enable the integration.

## **9. RISE WITH SAP S/4HANA CLOUD, PRIVATE EDITION, PREMIUM, UPGRADE OPTION**

9.1. Usage Metric: Full Use Equivalent ("FUE").

### **9.2. SAP Travel Management for SAP S/4HANA Cloud Private Edition**

9.3. Usage Metric: Document

9.4. Document is a record of commercial transactional data managed via the Cloud Service. For this Cloud Service, expense reports are counted.

9.5. The Document (expense report) will be counted only once, for the period in which they are settled for the first time.

9.6. Block size: 7 tiers with minimum of 3,000/year

## **10. SAP S/4HANA CLOUD, DIGITAL ACCESS, PRIVATE EDITION**

10.1. Usage Metric: Document. The Usage Metric entitlement in the Order Form depletes with usage and is based on The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

10.2. RISE 99.9% SLA Eligibility: N/A

10.3. Document is a record of commercial transactional data managed via the Cloud Service. For this Cloud Service, the types of records that are counted as Documents are set forth as follows.

Sales Document means: (i) a line item record that represents the material and/or service being sold or quoted; and/or (ii) a record that represents an individual order/release against a scheduling agreement which indicates the material and/or service being sold.

Purchase Document means: (i) a line item record that represents the material and/or service being ordered or requested; and/or (ii) a record that represents the release against a scheduling agreement which indicates the material and/or service being procured.

Invoice Document means a line item record that represents the material and/or service being billed. For SAP S/4HANA Cloud, Digital Access only, an Invoice Document shall also include a line item record that represents a description of the material being purchased, including the material name, number and quantity of the material.

Manufacturing Document means: (i) a record which represents the production-related details associated with manufacturing a material, including: the type, quantity and color of what to produce, when to produce it, where to produce it and/or other distinguishing characteristics; and/or (ii) a record that represents a confirmation which indicates the status of the processing activities associated with manufacturing orders.

Material Document means a line item record that represents a specific material being received, issued or transferred to, from or within a storage location or plant.

Quality Management Document means: (i) a record that represents the details of a nonconformance being reported including the information required for problem solving; and/or (ii) a record that represents results of an inspection. For SAP S/4HANACloud Digital Access edition only, a Quality Management Document shall also include a record that represents the details of a nonconformance.

Service & Maintenance Document means: (i) a record that represents the details of work to be performed including the information needed to plan, execute and bill for a service or maintenance request; and/or (ii) a record that represents the details of a problem being reported including the information required for problem solving; and/or (iii) a record that represents the status of the processing associated with service orders and maintenance orders; and/or (iv) a record that represents a claim by a customer for repair or replacement or compensation for under-performance, pursuant to terms in a warranty document.

Financial Document means a record that represents accounting information in a financial journal.

Time Management Document means: (i) a record that represents an employee's time worked and assigned to business related objects; and/or (ii) a record that represents deviations from an employee's assigned work schedule and/or pay rate.

10.4. Block size: 1000.

10.5. Additional Terms and Conditions

10.5. This Service grants humans a right to use RISE with SAP S/4HANA Cloud, private edition ("**S/4C EM-PCE**") through Non-SAP Application(s) that is/are directly integrated to S/4C EM-PCE without the need to be licensed as a "**FUE**"; and non-humans (e.g. bots, sensors, chips, devices, etc.) a license to Use S/4C EM-PCE directly or through Non-SAP Application(s) that is/are directly integrated to S/4C EM-PCE and without the need to be licensed as a FUE.

10.5. Solely for purposes of SAP S/4HANA Cloud Digital Access:

S/4C EM-PCE shall not include SAP Business Warehouse Software.

**"Non-SAP Application(s)"** means: (i) any technologies for which Customer has secured an appropriate license from an entity other than SAP, SAP SE, and/or any of its/their subsidiaries and/or distributors (excluding when used solely as a Connectivity App between an SAP Application and S/4C EM-PCE and further excluding when used as a User Interface for S/4 EM); and/or (ii) SAP Technology Solutions.

**"User Interface(s)"** means any technology that (i) Customer owns and/or for which Customer has secured appropriate rights to use and (ii) is used to develop/manage user interaction features and characteristics for S/4 EM. For the avoidance of doubt, User Interfaces for S/4 EM shall be deemed part of S/4 EM and therefore require human users using S/4 EM via such User Interfaces to have a "Named User" and/or "User" license for S/4 EM, as applicable.

**"SAP Technology Solution(s)"** means SAP NetWeaver Foundation for Third Party Applications, SAP Business Technology Platform (excluding when used solely as a Connectivity App between an SAP Application and S/4C EM-EX), SAP Signavio Solutions and SAP Process Insights [including any renamed and/or successor versions of any of the foregoing made generally available by SAP (if any)].

**"Connectivity App(s)"** means any integration technology whose primary function is to directly connect disparate applications to enable the direct communication and/or management of data between such disparate applications by/through such integration technology.

**"SAP Application(s)"** means all Packages (i.e. all Software and Third-Party Software) licensed under an SAP agreement and/or SAP cloud services for which Customer has a valid subscription, excluding SAP Technology Solutions and all database Packages.

10.5. All Digital Access of S/4C EM-PCE will be subscribed based exclusively upon the number of Documents created annually by such Digital Access of S/4C EM-EX. Each Document shall count as one (1) Document, except for Material Documents and Financial Documents which shall each count as two tenths (0.2) of a Document. However, where the automated processing in S/4C EM-PCE of a Document from one Document Type results in the subsequent creation in S/4C EM-PCE of one or more additional Documents of different Document Type(s), such additional Documents shall not be counted.

10.5. Where a Non-SAP Application is connected to S/4C EM-PCE via a Connectivity App, such Non-SAP Application is still deemed directly integrated to S/4 EM for purposes of this provision. Any humans and/or non-humans Using S/4C EM-PCE through application(s) that is/are integrated to a Non-SAP Application that is directly integrated to S/4C EM-PCE do not need to be licensed as a "**FUE**".

**11. SAP S/4HANA CLOUD ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

11.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

11.2. System size based on usage tier.

| System Size | Database /Application | PRD System Size                            |
|-------------|-----------------------|--|
| XS          | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage |
|             | App Server            | 1 x 64GiB memory                           |
| S           | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage |
|             | App Server            | 1 x 64GiB memory                           |
| M           | HANA DB               | 1 x 960GiB memory,<br>960GB usable storage |

|            |                   |  |
|------------|-------------------|--|
|            | <b>App Server</b> | 2 x 64GiB memory                               |
| <b>L</b>   | <b>HANA DB</b>    | 1 x 1922GiB memory,<br>1922GB usable storage   |
|            | <b>App Server</b> | 2 x 128GiB memory                              |
| <b>XL</b>  | <b>HANA DB</b>    | 1 x 2944GiB memory,<br>2944GB usable storage   |
|            | <b>App Server</b> | 4 x 128GiB memory                              |
| <b>XXL</b> | <b>HANA DB</b>    | 1 x 5700GiB memory,<br>5700GB usable storage   |
|            | <b>App Server</b> | 4 x 128GiB memory                              |
| <b>4XL</b> | <b>HANA DB</b>    | 1 x 11400GiB memory,<br>11400GB usable storage |
|            | <b>App Server</b> | 4 x 128GiB memory                              |

11.3. Service can be used for:

- a. SAP S/4HANA Cloud for enterprise management
- b. SAP S/4HANA Cloud for extended warehouse management, extra stack
- c. SAP S/4HANA Cloud, Transportation Management, extra stack
- d. SAP S/4HANA Cloud for Transportation Management for T&L, extra stack
- e. SAP Information Lifecycle Management
- f. SAP S/4HANA Cloud for master data governance, extra stack
- g. SAP Central Procurement
- h. SAP Advanced Track and Trace for Pharmaceuticals for SAP S/4HANA Cloud
- i. SAP Payroll Processing, private cloud edition, extra stack

11.4. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod (8GiB memory, installed on dedicated server).

11.5. SAP S/4HANA Cloud, additional productive tier, private edition provides access to an additional productive tier of the respective SAP S/4HANA Cloud system and must be installed in the same location as the other Cloud Services.

## 12. SAP EXTENDED SERVICES FOR SAP S/4HANA CLOUD, PRIVATE EDITION

12.1. Usage Metric: Entitlements Package. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

12.2. RISE 99.9% SLA Eligibility: N/A

12.3. Disaster Recovery Eligibility: N/A

12.4. GxP Eligibility: N/A

12.5. Additional Terms and Conditions

This service includes “SAP Cloud Application Services for release version upgrade” and “SAP Cloud Application Services for application operations.” Applicable Documentation for these services is available at <https://www.sap.com/about/agreements/policies/hec-services.html?search=SAP%20Cloud%20Application%20Services&tag=language:english>.

## 13. SAP FIORI HUB ON ASE CLOUD, PRIVATE EDITION

13.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

13.2. 99.9% SLA Eligibility: N/A

13.3. System size based on usage tier.

| System Size | Database /Application | PRD System Size   | QAS System Size   | DEV System Size   |
|-------------|-----------------------|---|---|---|
| XXS         | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | No QAS system delivered                                       | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 16GiB memory  | No QAS system delivered                                       | 1 x 16GiB memory  |
| XS          | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory   | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 16GiB memory  | 1 x 16GiB memory  | 1 x 16GiB memory  |
| S           | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory   | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 16GiB memory  | 1 x 16GiB memory  | 1 x 16GiB memory  |
| M           | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory   | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 64GiB memory  | 1 x 64GiB memory  | 1 x 16GiB memory  |
| L           | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 64GiB memory   | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 2 x 64GiB memory  | 2 x 64GiB memory  | 1 x 32GiB memory  |
| XL          | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 64GiB memory t | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 2 x 128GiB memory   | 2 x 128GiB memory   | 1 x 32GiB memory  |

13.4. This Cloud Service includes:

- a. Common transport folder, 100GB of storage is included for all transport files.

**14. SAP FIORI HUB ON ASE CLOUD, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

14.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

14.2. 99.9% SLA Eligibility: N/A

14.3. System size based on usage tier

| System Size | Database /Application | PRD System Size  |
|-------------|-----------------------|--|
| XS          | ASE DB                | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 16GiB memory   |
| S           | ASE DB                | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|             | App Server            | 1 x 16GiB memory   |

|           |                   |  |
|-----------|-------------------|--|
| <b>M</b>  | <b>ASE DB</b>     | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|           | <b>App Server</b> | 1 x 64GiB memory   |
| <b>L</b>  | <b>ASE DB</b>     | Usable DB Size 200GB<br>Server size:<br>1 x 64GiB memory |
|           | <b>App Server</b> | 2 x 64GiB memory   |
| <b>XL</b> | <b>ASE DB</b>     | Usable DB Size 200GB<br>Server size:<br>1 x 64GiB memory |
|           | <b>App Server</b> | 2 x 128GiB memory  |

**15. SAP FIORI HUB ON ASE CLOUD, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

- 15.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 15.2. Disaster Recovery Eligibility: N/A
- 15.3. RISE 99.9% SLA Eligibility: N/A
- 15.4. System size based on usage tier

| <b>System Size</b> | <b>Database /Application</b> | <b>NonPRD System Size</b>                                |
|--------------------|------------------------------|--|
| <b>XS</b>          | <b>ASE DB</b>                | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|                    | <b>App Server</b>            | 1 x 64GiB memory   |
| <b>S</b>           | <b>ASE DB</b>                | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|                    | <b>App Server</b>            | 1 x 16GiB memory   |
| <b>M</b>           | <b>ASE DB</b>                | Usable DB Size 200GB<br>Server size:<br>1 x 32GiB memory |
|                    | <b>App Server</b>            | 1 x 64GiB memory   |
| <b>L</b>           | <b>ASE DB</b>                | Usable DB Size 200GB<br>Server size:<br>1 x 64GiB memory |
|                    | <b>App Server</b>            | 2 x 64GiB memory   |
| <b>XL</b>          | <b>ASE DB</b>                | Usable DB Size 200GB<br>Server size:<br>1 x 64GiB memory |
|                    | <b>App Server</b>            | 2 x 128GiB memory  |

**16. SAP FIORI HUB ON HANA CLOUD, PRIVATE EDITION**

- 16.1. Usage Metric: Tenant
- 16.2. System size based on usage tier.

| <b>System Size</b> | <b>Database /Application</b> | <b>PRD System Size</b> | <b>QAS System Size</b> | <b>DEV System Size</b> |
|--------------------|------------------------------|------------------------|------------------------|------------------------|
|                    |                              |                        |                        |                        |

|            |                   |   |   |   |
|------------|-------------------|---|---|---|
| <b>XXS</b> | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | No QAS system delivered                 | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 1 x 16GiB memory                        | No QAS system delivered                 | 1 x 16GiB memory                        |
| <b>XS</b>  | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 1 x 16GiB memory                        | 1 x 16GiB memory                        | 1 x 16GiB memory                        |
| <b>S</b>   | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 1 x 32GiB memory                        | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
| <b>M</b>   | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
| <b>L</b>   | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 2 x 64GiB memory                        | 2 x 64GiB memory                        | 1 x 32GiB memory                        |
| <b>XL</b>  | <b>HANA DB</b>    | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|            | <b>App Server</b> | 2 x 128GiB memory                       | 2 x 128GiB memory                       | 1 x 32GiB memory                        |

16.3. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**17. SAP FIORI HUB FOR HANA, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

- 17.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 17.2. Disaster Recovery Eligibility: Yes
- 17.3. GXP Eligibility: Yes
- 17.4. 99.9% SLA Eligibility: Yes
- 17.5. 4RTO Eligibility: Yes
- 17.6. System size based on usage tier.

| <b>System Size</b> | <b>Database /Application</b> | <b>PRD System Size</b>                  |
|--------------------|------------------------------|---|
| <b>XS</b>          | <b>HANA DB</b>               | 1 x 128GiB memory, 128GB usable storage |
|                    | <b>App Server</b>            | 1 x 16GiB memory                        |
| <b>S</b>           | <b>HANA DB</b>               | 1 x 128GiB memory, 128GB usable storage |
|                    | <b>App Server</b>            | 1 x 32GiB memory                        |
| <b>M</b>           | <b>HANA DB</b>               | 1 x 128GiB memory, 128GB usable storage |
|                    | <b>App Server</b>            | 1 x 64GiB memory                        |
| <b>L</b>           | <b>HANA DB</b>               | 1 x 128GiB memory, 128GB usable storage |

|           |                   |  |
|-----------|-------------------|--|
|           | <b>App Server</b> | 2 x 64GiB memory                           |
| <b>XL</b> | <b>HANA DB</b>    | 1 x 128GiB memory,<br>128GB usable storage |
|           | <b>App Server</b> | 2 x 128GiB memory                          |

**18. SAP FIORI HUB FOR HANA, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

- 18.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 18.2. System size based on usage tier.
- 18.3. Disaster Recovery Eligibility: N/A
- 18.4. GXP Eligibility: Yes
- 18.5. 99.9% SLA Eligibility: N/A
- 18.6. 4RTO Eligibility: N/A
- 18.7. System size based on usage tier.

| <b>System Size</b> | <b>Database /Application</b> | <b>NonPRD System Size</b>                  |
|--------------------|------------------------------|--|
| <b>XS</b>          | <b>HANA DB</b>               | 1 x 128GiB memory,<br>128GB usable storage |
|                    | <b>App Server</b>            | 1 x 16GiB memory                           |
| <b>S</b>           | <b>HANA DB</b>               | 1 x 128GiB memory,<br>128GB usable storage |
|                    | <b>App Server</b>            | 1 x 32GiB memory                           |
| <b>M</b>           | <b>HANA DB</b>               | 1 x 128GiB memory,<br>128GB usable storage |
|                    | <b>App Server</b>            | 1 x 64GiB memory                           |
| <b>L</b>           | <b>HANA DB</b>               | 1 x 128GiB memory,<br>128GB usable storage |
|                    | <b>App Server</b>            | 2 x 64GiB memory                           |
| <b>XL</b>          | <b>HANA DB</b>               | 1 x 128GiB memory,<br>128GB usable storage |
|                    | <b>App Server</b>            | 2 x 128GiB memory                          |

**19. SAP CONNECTION PACKAGE CLOUD FOR PRODUCTIVE TIERS, PRIVATE EDITION**

- 19.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 19.2. Each SAP Connection Package Cloud for productive tiers, private cloud edition provides access to exactly one of the following cloud services in the context of a productive tier of the respective SAP S/4HANA Cloud system and must be installed in the same location as the underlying Cloud Service.

| <b>Service</b> |                                     |   |
|----------------|-------------------------------------|---|
| <b>01</b>      | <b>VPN Connection</b>               | Set of 5 up to VPN connections  |
| <b>02</b>      | <b>Direct line connection point</b> | <b>Infrastructure deployed:</b><br>Depending on the datacenter of choice the following will be delivered: |

|    |                                       |  |
|----|---------------------------------------|--|
|    |                                       | <b>SAP DC:</b> 1 x MPLS, 400Mbit/s<br><b>Azure:</b> 1 x Expressroute, 200 Mbit/s<br><b>AWS:</b> 1 x Direct Connect, 200Mbit/s<br><b>GCP:</b> 1 x Interconnect, 2 x 100Mbit/s (Redundant)   |
| 03 | SAP Router                            | <b>Infrastructure deployed:</b><br>1 x Production Server (8GiB memory)   |
| 04 | SAP Web Dispatcher                    | <b>Infrastructure deployed:</b><br>1 x Production Server (8GiB memory)   |
| 05 | SAP Data Services Agent (DS Agent)    | <b>Infrastructure deployed:</b><br>2 x Production Servers (16GiB memory)   |
| 06 | Data Provision Agent (DP Agent)       | <b>Infrastructure deployed:</b><br>2 x Production Servers (16GiB memory)   |
| 07 | SAP Analytics Cloud Agent (SAC Agent) | <b>Infrastructure deployed:</b><br>1 x Production Server (16GiB memory)  |
| 08 | SAP Cloud Connector                   | <b>Infrastructure deployed:</b><br>2 x Production Servers (8GiB memory)  |
| 09 | Redwood RunMyJobs Agent               | <b>Infrastructure deployed:</b><br>1 x Production Server (8GiB memory)   |
| 10 | OpenText ADA Core Archive Connector   | <b>Infrastructure deployed:</b><br>1 x Production Server (16GiB memory)  |
| 11 | SCM Optimizer                         | <b>Infrastructure deployed:</b><br>Choose between:<br>1 x Production Server (64GiB memory) or<br>1 x NonProduction Server (64GiB memory)   |
| 12 | Separate ERS/CS                       | Used to separate the ERS (Enqueue Replication Service) and CS (Central Services) onto dedicated servers.<br><b>Infrastructure deployed:</b><br>2 x Production Servers (8GiB memory)  |
| 13 | Load Balancer                         | <b>Infrastructure deployed:</b><br>Up to 5 Load Balancers depending on hyperscaler and usage type  |
| 14 | Customer Integration Server           | Support all 3 scenarios: <ul style="list-style-type: none"> <li>• SMTP Relay (Outbound)</li> <li>• Samba</li> <li>• SFTP</li> </ul> <b>Infrastructure deployed:</b><br>2 x Production Servers (8GiB memory each) active-passive mode.<br><br>Note: Storage included is only for the operating system. User file storage needs to be added in addition. |
| 15 | Additional egress data                | Not available  |
| 16 | Extra Bandwidth                       | Service delivers only one of below options:<br><b>AWS Direct Connect:</b> 1000Mbit/s<br><b>Azure ExpressRoute:</b> 1000Mbit/s<br><b>GCP Interconnect:</b> 1000Mbit/s   |
| 17 | VPC/VNET Peering                      | Not available  |
| 18 | AWS Transit Gateway                   | Not available  |

## 20. SAP CONNECTION PACKAGE CLOUD FOR NON-PRODUCTIVE TIERS, PRIVATE EDITION

- 20.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 20.2. Disaster Recovery Eligibility: N/A
- 20.3. GxP Eligibility: N/A
- 20.4. RISE 99.9% SLA Eligibility: N/A

- 20.5. Each SAP Connection Package Cloud, for non-productive tiers, private cloud edition provides access to exactly one of the following cloud services in the context of a non-productive tier of the respective SAP S/4HANA Cloud system and must be installed in the same location as the underlying Cloud Service.

| Service |                                       | Included   |
|---------|---------------------------------------|--|
| 01      | VPN Connection                        | Set of up to 5 VPN connections   |
| 02      | Direct line connection point          | <b>Infrastructure deployed:</b><br>Depending on the datacenter of choice the following will be delivered:<br><b>SAP DC:</b> 1 x Cloud Peering, 400Mbit/s or<br><b>SAP DC:</b> 1 x MPLS, 1Gbit port speed<br><b>Azure:</b> 1 x Expressroute, 200 Mbit/s<br><b>AWS:</b> 1 x Direct Connect, 200Mbit/s<br><b>GCP:</b> 1 x Interconnect, 2 x 100Mbit/s (Redundant) |
| 03      | SAP Router                            | <b>Infrastructure deployed:</b><br>1 x NonProd Server (8GiB memory, 10GB storage)  |
| 04      | SAP Web Dispatcher                    | <b>Infrastructure deployed:</b><br>1 x NonProd Server (8GiB memory, 50GB storage)  |
| 05      | SAP Data Services Agent (DS Agent)    | <b>Infrastructure deployed:</b><br>1 x NonProd Server (16GiB memory, 20GB storage)   |
| 06      | Data Provision Agent (DP Agent)       | <b>Infrastructure deployed:</b><br>1 x NonProd Server (16GiB memory, 50GB storage)   |
| 07      | SAP Analytics Cloud Agent (SAC Agent) | <b>Infrastructure deployed:</b><br>1 x NonProd Server (16GiB memory, 50GB storage)   |
| 08      | SAP Cloud Connector                   | <b>Infrastructure deployed:</b><br>1 x NonProd Server (8GiB memory, 20GB storage)  |
| 09      | Redwood RunMyJobs Agent               | <b>Infrastructure deployed:</b><br>1 x NonProd Server (8GiB memory, 256GB storage)   |
| 10      | OpenText ADA Core Archive Connector   | <b>Infrastructure deployed:</b><br>1 x NonProd Server (16GiB memory, 150GB storage)  |
| 11      | SCM Optimizer                         | Not available  |
| 12      | Separate ERS/CS                       | Not available  |
| 13      | Load Balancer                         | Not available  |
| 14      | Customer Integration Server           | Not available  |
| 15      | Additional egress data                | Service delivers only one of below options:<br><b>AWS:</b> 10TB/month<br><b>Azure VPN:</b> 5TB/month or<br><b>Azure ExpressRoute:</b> 10TB/month<br><b>GCP:</b> 2TB/month  |
| 16      | Extra Bandwidth                       | Service delivers only one of below options:<br><b>AWS Direct Connect:</b> 500Mbit/s<br><b>Azure ExpressRoute:</b> 500Mbit/s<br><b>GCP Interconnect:</b> 500Mbit/s  |
| 17      | VPC/VNET Peering                      | Up to 10 Connections   |
| 18      | AWS Transit Gateway                   | Service delivers only one of below options:<br><b>AWS Transit Gateway Attachment:</b> 1 or<br><b>AWS Transit Gateway Package:</b> 1  |

## 21. SAP LOG SERVICE, PRIVATE CLOUD EDITION

- 21.1. Usage Metric: TENANT. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 21.2. Block Size: 1
- 21.3. RISE 99.9% SLA Eligibility: N/A
- 21.4. DISASTER RECOVERY Eligibility: N/A

- 21.5. GxP Eligibility: N/A
- 21.6. Additional Terms & Conditions:
- 21.6. SAP Log Service, private cloud edition includes log collection and storage of system log files for up to 50 servers from customer's systems, applications, and services running in private cloud.
- 21.6. Default log retention time 365 days.

**22. ENHANCED OPERATIONS SERVICE FOR LARGE ENTERPRISES FOR RISE WITH SAP S/4HANA CLOUD PRIVATE EDITION**

- 22.1. Usage Metric: % of Net Recurring Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 22.2. Disaster Recovery Eligibility: N/A
- 22.3. GxP Eligibility: N/A
- 22.4. RISE 99.9% SLA Eligibility: N/A
- 22.5. Additional Terms and Conditions
- 22.5. Documentation for this service is available at [https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest\\_desc](https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest_desc).

**23. SAP S/4HANA CLOUD, DISASTER RECOVERY, PRIVATE EDITION**

- 23.1. Usage Metric: % of Net Recurring Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 23.2. Disaster Recovery Eligibility: N/A
- 23.3. GxP Eligibility: N/A
- 23.4. RISE 99.9% SLA Eligibility: N/A
- 23.5. Additional Terms and Conditions
- Documentation for this service is available at [https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest\\_desc&search=disaster](https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest_desc&search=disaster)
- 23.6. Disaster Recovery Services Setup. The project to implement DR for the applicable PRD systems will be mutually agreed upon between SAP and Customer which shall entail detailed planning and as part of Customer's implementation project. The DR failover-capability to the secondary DR site for the systems in scope will be available upon completion of the setup based upon this jointly agreed plan.

**24. SAP LONG TERM BACKUP, PRIVATE EDITION**

- 24.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 24.2. Block size: 256.
- 24.3. Disaster Recovery Eligibility: N/A.
- 24.4. GxP Eligibility: N/A.
- 24.5. RISE 99.9% SLA Eligibility: N/A
- 24.6. Long Term Backup Options

| Frequency | Retention Period |
|-----------|------------------|
| Monthly   | 1 year           |
| Quarterly | 1 year           |

|        |                             |
|--------|-----------------------------|
| Yearly | 2 years, 3 years or 4 years |
|--------|-----------------------------|

**25. SAP S/4HANA CLOUD, 4 HOUR RECOVERY TIME OBJECTIVE, PRIVATE EDITION**

- 25.1. Usage Metric: % of Net Recurring Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 25.2. Disaster Recovery Eligibility: N/A
- 25.3. GxP Eligibility: N/A
- 25.4. RISE 99.9% SLA Eligibility: N/A
- 25.5. Additional Terms and Conditions
- 25.5. Documentation for this service is available at: [https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest\\_desc&search=disaster](https://www.sap.com/about/agreements/policies/hec-services.html?sort=latest_desc&search=disaster)
- 25.5. SAP S/4HANA Cloud, 4 hour recovery time objective, private edition provides customers with an reduced improved standard RTO of 4 hours. This offering may only be used in conjunction with SAP S/4HANA Cloud, disaster recovery, private edition.

**26. SAP CLOUD, MEMORY EXTENSION FOR PRODUCTIVE TIERS, PRIVATE EDITION**

- 26.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 26.2. Block Size: 256.

**27. SAP CLOUD, MEMORY EXTENSION FOR NON-PRODUCTIVE TIERS, PRIVATE EDITION**

- 27.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 27.2. Block Size: 256.
- 27.3. Disaster Recovery Eligibility: N/A
- 27.4. GxP Eligibility: N/A
- 27.5. RISE 99.9% SLA Eligibility: N/A

**28. SAP S/4HANA CLOUD, SYSTEM EXTENSION, PRIVATE EDITION**

- 28.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 28.2. S/4HANA Cloud, memory extension, private edition allows the purchase of the standardized configuration of a higher infrastructure tier system without the purchase of additional FUEs. 6 system sizes are available, which include the configurations as described under S/4HANA Cloud for enterprise management, private edition. The applicable number of blocks (see table below) can be added to increase the system size.
- 28.3. Block size: 256.
- 28.4. System size based on usage tier.
- 28.5. SAP S/4HANA Cloud for enterprise management, private edition

| Usage tier      | System size | System Tier PRD and QA RAM (GB) | System Tier DEV RAM (GB) | Blocks needed for next system size tier |
|-----------------|-------------|---------------------------------|--------------------------|---|
| up to 550 FUE   | XS          | Up to 256                       | Up to 256                | 1                                       |
| up to 1,000 FUE | S           | Up to 512                       | Up to 256                | 2                                       |
| up to 2,000 FUE | M           | Up to 1,024                     | Up to 256                | 4                                       |
| up to 4,000 FUE | L           | Up to 2,048                     | Up to 512                | 4                                       |

|                 |     |              |             |    |
|-----------------|-----|--------------|-------------|----|
| up to 6,000 FUE | XL  | Up to 3,072  | Up to 512   | 12 |
| above 6,000 FUE | XXL | Up to 6,144  | Up to 512   | 24 |
| -               | 4XL | Up to 12,288 | Up to 1,024 |    |

28.6. SAP S/4HANA Cloud for Extended Warehouse Management, extra stack, private edition

| Usage tier       | System size | System Tier PRD and QA RAM (GB) | System Tier DEV RAM (GB) | Blocks needed for next system size tier |
|------------------|-------------|---------------------------------|--------------------------|---|
| Up to 15 blocks  | XXS         | Up to 256*                      | Up to 256                | 1                                       |
| Up to 30 blocks  | XS          | Up to 256                       | Up to 256                | 2                                       |
| Up to 60 blocks  | S           | Up to 512                       | Up to 256                | 4                                       |
| Up to 120 blocks | S           | Up to 512                       | Up to 256                | 4                                       |
| Up to 240 blocks | M           | Up to 1,024                     | Up to 256                | 12                                      |
| Up to 450 blocks | L           | Up to 2,048                     | Up to 512                | -                                       |
| Up to 750 blocks | XL          | Up to 3,072                     | Up to 512                |   |
| Above 750 blocks | XXL         | Up to 6,144                     | Up to 512                |   |

\*No QA System Tier provided

**29. SAP ADDITIONAL FILE STORAGE, PRIVATE CLOUD EDITION**

- 29.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 29.2. Block size: 128.
- 29.3. Disaster Recovery Eligibility: N/A
- 29.4. RISE 99.9% SLA Eligibility: N/A
- 29.5. Additional Storage can be applied to all private edition solutions.
- 29.6. SAP S/4HANA Cloud Addition Storage for Enterprise Management, private edition provides additional system size on top of priced-in infrastructure to increase capabilities for file storage.

**30. SAP APP SERVER LINUX CLOUD, PRIVATE EDITION**

- 30.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 30.2. Up to 128 GB of Memory, in sizes of 32GB, 64GB or 128 GB.
- 30.3. SAP APP SERVER LINUX CLOUD, PRIVATE EDITION is access to one additional Application Server(s). Application Server size is based on the respective system landscape usage tiers where it is added. Additional Application Server(s) can be applied to all private edition solutions where Application Server(s) are parts of the package and where is a need for Application Server(s) beyond the limited number in the packages.

**31. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL PRODUCTION TENANT**

- 31.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 31.2. 64GB of Memory.
- 31.3. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL PRODUCTION TENANT is access to one additional Application Server(s) with 64GB of memory. Application Server size is based on the respective system landscape usage tiers where it is added and may require additional memory. Additional

Application Server(s) can be applied to all private edition solutions where Application Server(s) are parts of the package and where is a need for Application Server(s) beyond the limited number in the packages.

**32. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL NONPRODUCTION TENANT**

32.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

32.2. 64GB of Memory.

32.3. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL NONPRODUCTION TENANT is access to one additional Application Server(s) with 64GB of memory. Application Server size is based on the respective system landscape usage tiers where it is added and may require additional memory. Additional Application Server(s) can be applied to all private edition solutions where Application Server(s) are parts of the package and where is a need for Application Server(s) beyond the limited number in the packages.

32.4. Disaster Recovery Eligibility: N/A

32.5. GxP Eligibility: N/A

32.6. RISE 99.9% SLA Eligibility: N/A

**33. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL PRODUCTION TENANT, UPGRADE**

33.1. Usage Metric: Blocks of Memory. Unless otherwise indicated herein, the usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

33.2. In blocks of 64GB Memory

33.3. If the start size is less than 64GiB, one block is needed to reach 64GiB.

33.4. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL PRODUCTION TENANT, UPGRADE is used to upgrade memory of existing application servers in blocks of 64GiB up to 512GiB.

**34. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL NONPRODUCTION TENANT, UPGRADE**

34.1. Usage Metric: Blocks of Memory. Unless otherwise indicated herein, the usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

34.2. In blocks of 64GB Memory

34.3. If the start size is less than 64GiB, one block is needed to reach 64GiB.

34.4. SAP S/4HANA CLOUD PRIVATE EDITION APPLICATION SERVER FOR LINUX, ADDITIONAL NONPRODUCTION TENANT, UPGRADE is used to upgrade memory of existing application servers in blocks of 64GiB up to 512GiB.

34.5. Disaster Recovery Eligibility: N/A

34.6. GxP Eligibility: N/A

34.7. RISE 99.9% SLA Eligibility: N/A

**35. SAP S/4HANA CLOUD, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

35.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

35.2. Disaster Recovery Eligibility: N/A

35.3. GxP Eligibility: N/A

35.4. RISE 99.9% SLA Eligibility: N/A

35.5. System size based on usage tier.

| System Size | Database /Application | NonPRD System Size                             |
|-------------|-----------------------|--|
| XS          | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage     |
|             | App Server            | 1 x 64GiB memory                               |
| S           | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage     |
|             | App Server            | 1 x 64GiB memory                               |
| M           | HANA DB               | 1 x 960GiB memory,<br>960GB usable storage     |
|             | App Server            | 2 x 64GiB memory                               |
| L           | HANA DB               | 1 x 1922GiB memory,<br>1922GB usable storage   |
|             | App Server            | 2 x 128GiB memory                              |
| XL          | HANA DB               | 1 x 2944GiB memory,<br>2944GB usable storage   |
|             | App Server            | 4 x 128GiB memory                              |
| XXL         | HANA DB               | 1 x 5700GiB memory,<br>5700GB usable storage   |
|             | App Server            | 4 x 128GiB memory                              |
| 4XL         | HANA DB               | 1 x 11400GiB memory,<br>11400GB usable storage |
|             | App Server            | 4 x 128GiB memory                              |

35.6. Service can be used For:

- a. SAP S/4HANA Cloud for enterprise management
- b. SAP S/4HANA Cloud for extended warehouse management, extra stack
- c. SAP S/4HANA Cloud, Transportation Management, extra stack
- d. SAP S/4HANA Cloud for Transportation Management for T&L, extra stack
- e. SAP Information Lifecycle Management
- f. SAP S/4HANA Cloud for master data governance, extra stack
- g. SAP Central Procurement
- h. SAP Advanced Track and Trace for Pharmaceuticals for SAP S/4HANA Cloud
- i. SAP Payroll Processing, private cloud edition, extra stack

35.7. This Cloud Service includes:

- a. SAP WEB DISPATCHER NonProd (8GiB memory, installed on dedicated SERVER).

**36. SAP S/4HANA CLOUD, ENTERPRISE MANAGEMENT CUSTOMER EVALUATION SYSTEM, PRIVATE EDITION**

36.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

36.2. Block size: 256.

36.3. Disaster Recovery Eligibility: N/A

36.4. GxP Eligibility: N/A

36.5. RISE 99.9% SLA Eligibility: N/A

36.6. System size based on usage tier

| System Size                             | Database /Application | QAS System Size*                           | DEV System Size*                           |
|---|-----------------------|--|--|
| XS                                      | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|   | App Server            | 1 x 64GiB memory                           | 1 x 32GiB memory                           |
| S                                       | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|   | App Server            | 1 x 64GiB memory                           | 1 x 32GiB memory                           |
| * Only includes non-production systems. |                       |  |  |

36.7. Additional Terms and Conditions

36.7. S/4HANA Cloud, customer evaluation system, private edition includes non-productive usage only of RISE with SAP S/4HANA Cloud, private edition (formerly, Enterprise Management) and certain SAP S/4HANA Cloud, private edition Add-ons as determined by SAP and listed in this Service Description Guide. Release upgrades and SPS/FPS upgrades are not included in this service.

36.8. This Cloud Service includes:

- a. WEB DISPATCHER NonProd (8GIB memory, installed on dedicated servers).
- b. SAP CLOUD CONNECTOR NonProd (8GIB memory, installed on dedicated server). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.
- c. Common transport folder, 100GB of storage is included for all transport files.
- d. SAP Analytics Cloud Agent Nonprod (16GiB memory, installed on dedicated server, available on customer request).
- e. SAP DATA PROVISIONING AGENT NonProd (16GIB memory, installed on dedicated server, available on customer request).
- f. SAP Data Services Agent NonProd (16GIB memory, installed on dedicated server, available on customer request).

Customer is required to obtain a subscription to the associated SAP cloud service under (d) and (f) separately to use the integration agent provided with SAP S/4HANA Cloud, customer evaluation system, private edition.

36.8. This package may only be used for non-production, evaluation purposes.

36.8. This package includes HANA Runtime.

**37. SAP SOLUTION MANAGER, PRIVATE EDITION, PROJECT DOCUMENTATION VERSION**

37.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

37.2. Disaster Recovery Eligibility: N/A

37.3. GxP Eligibility: N/A

37.4. System size based on usage tier.

| System Size | Database /Application | PROD System Size*        | DEV System Size*                           |
|-------------|-----------------------|--------------------------|--|
| One size    | HANA DB               | No PROD system delivered | 1 x 256GiB memory,<br>256GB usable storage |
|             | App Server (ABAP)     | No PROD system delivered | 1 x 32GiB memory                           |
|             | App Server (JAVA)     | No PROD system delivered | 1 x 16GiB memory                           |

37.5. This Cloud Service includes:

- a. Common transport folder, 100GB of storage is included for all transport files.

**38. SAP SOLUTION MANAGER, PRIVATE EDITION, FULL VERSION**

38.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

38.2. Block size: 2.

38.3. System size on usage tier

| System Size | Database /Application | PROD System Size                           | DEV System Size                            |
|-------------|-----------------------|--|--|
| One size    | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|             | App Server (ABAP)     | 1 x 32GiB memory                           | 1 x 32GiB memory                           |
|             | App Server (JAVA)     | 1 x 16GiB memory                           | 1 x 16GiB memory                           |

38.4. This Cloud Service includes:

- a. Common transport folder, 100GB of storage is included for all transport files.

**39. SAP S/4HANA CLOUD FOR APPLICATION INTERFACE FRAMEWORK, PRIVATE EDITION**

39.1. Usage Metric: Transaction. The Usage Metric entitlement in the Order Form depletes with usage and is based on The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

39.2. RISE 99.9% SLA Eligibility: N/A

39.3. Block size: 1,000,000.

39.4. Maximum Blocks: 400 Blocks.

**40. SAP ARCHIVING AND DOCUMENT ACCESS CORE BY OPENTEXT, CLOUD CONNECTOR, PRIVATE EDITION**

40.1. Usage Metric: Flat Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

40.2. RISE 99.9% SLA Eligibility: N/A

40.3. Disaster recovery is provided for this Cloud Service only via a manual disaster recovery set-up and failover.

40.4. System size on usage tier

| System Size | Database /Application | PROD System Size | DEV System Size  |
|-------------|-----------------------|------------------|------------------|
| One Size    | App Server            | 1 x 16GiB memory | 1 x 16GiB memory |

**41. SAP HANA, EE CLOUD, UPGRADE, PRIVATE EDITION**

41.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

41.2. RISE 99.9% SLA Eligibility: N/A

41.2. Block size: 256.

- 41.3. Additional Terms and Conditions
- 41.3. SAP HANA, EE Cloud, upgrade, private edition ("**HANA Enterprise**") is an upgrade to the SAP HANA database from HANA Runtime to HANA Enterprise. The required number of blocks is based on the productive system size.
- 41.3. "**Data Sources**" means any software product(s) and/or database instance(s) for which a user has secured an appropriate license.
- 41.3. HANA Enterprise may be used with an unlimited number of Data Sources, subject to the applicable licensed level. HANA Enterprise includes the following Runtime Software:
- SAP HANA Operation Process Intelligence;
  - SAP HANA, information management option;
  - SAP HANA, data privacy option;
  - SAP HANA, spatial and graph option;
  - SAP HANA, predictive option;
  - SAP HANA, search and text option;
- SAP HANA native storage extension (Use of HANA Native Storage Extension Buffer Cache component is subject to the applicable licensed level).
- 41.4. A user may use Smart Data Access to query data from any data sources, provided a user's subscription to HANA Enterprise has been appropriately sized for all such data that is queried and joined with other data sources via Smart Data Access.
- 41.5. SAP HANA, information management option includes SAP HANA Smart Data Integration and Smart Data Quality.
- 41.6. Use of SAP HANA, data privacy option is limited solely to the SAP HANA Data Masking Engine, SAP HANA Data anonymization Engine, Column Encryption, and Shared SAP Business Application Authorizations.
- 41.7. Use of SAP HANA, predictive option is limited solely to the HANA PAL/R engine, Automated Predictive Library (APL), and TensorFlow integration.
- 41.8. Use of SAP HANA, search and text option is limited solely to the SAP HANA Search Engine and Text Analysis Engine.
- 41.9. Use of SAP HANA, spatial and graph option is limited solely to the SAP HANA Spatial Engine and Graph Engine. Use of SAP HANA Spatial Engine is governed by the following HERE "MAP DATA BY HERE" terms:
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## **42. SAP HANA, EE CLOUD, BASE PACKAGE, PRIVATE EDITION**

42.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

42.2. System size based on usage tier:

| System Size | Database /Application | PRD System Size                         | QAS System Size                         | DEV System Size                         |
|-------------|-----------------------|---|---|---|
| XS          | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|             | DP Agent              | 1 x 16GiB memory                        | 1 x 16GiB memory                        | 1 x 16GiB memory                        |

42.3. This Cloud Service includes:

- a. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory each, installed on dedicated servers, available on customer request). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.
- b. SAP Analytics Cloud Agent Prod/Nonprod (16GiB memory each, installed on Dedicated servers, available on customer request).
- c. XSA Tenant. (Additional Schema for XSA Agent on customer request.).

Customer is required to obtain a subscription to the associated SAP cloud service under (a) and (b) separately to use the integration agent provided with SAP HANA, EE CLOUD, BASE PACKAGE, PRIVATE EDITION.

42.4. Additional Terms and Conditions

42.4. "**Data Sources**" means any software product(s) and/or database instance(s) for which a user has secured an appropriate license.

42.4. HANA Enterprise may be used with an unlimited number of Data Sources, subject to the applicable licensed level. HANA Enterprise includes the following Runtime Software:

- i. SAP HANA Operation Process Intelligence;
- ii. SAP HANA, information management option;
- iii. SAP HANA, data privacy option;
- iv. SAP HANA, spatial and graph option;
- v. SAP HANA, predictive option;
- vi. SAP HANA, search and text option;
- vii. SAP HANA native storage extension (use of HANA Native Storage Extension Buffer Cache component is subject to the applicable licensed level).

42.4. A user may use Smart Data Access to query data from any data sources, provided a user's subscription to HANA Enterprise has been appropriately sized for all such data that is queried and joined with other data sources via Smart Data Access.

42.4. SAP HANA, information management option includes SAP HANA Smart Data Integration and Smart Data Quality.

42.4. Use of SAP HANA, data privacy option is limited solely to the SAP HANA Data Masking Engine, SAP HANA Data Anonymization Engine, Column Encryption, and Shared SAP Business Application Authorizations.

42.4. Use of SAP HANA, predictive option is limited solely to the HANA PAL/R engine, Automated Predictive Library (APL), and TensorFlow integration.

42.4. Use of SAP HANA, search and text option is limited solely to the SAP HANA Search Engine and Text Analysis Engine.

42.4. HANA Enterprise includes the optional, limited use of the following on-premise components: SAP Data Integrator ("**DI**") and SAP Landscape Transformation replication server ("**SLT**"). Use of DI and SLT is limited solely to loading data into HANA Enterprise.

42.4. Use of SAP HANA, spatial and graph option is limited solely to the SAP HANA Spatial Engine and Graph Engine. Use of SAP HANA Spatial Engine is governed by the following HERE "MAP DATA BY HERE" terms as set forth in Section 41.10 of this SDG.

**43. SAP HANA, EE CLOUD, NON-PROD TIER, BASE PACKAGE, PRIVATE EDITION**

- 43.1. Usage Metric: Tenant. Each Tenant license provides an additional non-productive tier of SAP HANA, EE Cloud, private edition with 256 GB of memory. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 43.2. Disaster Recovery Eligibility: N/A.
- 43.3. GxP Eligibility: N/A.
- 43.4. System size based on usage tier:

| System Size | Database /Application | NonPROD System Size                        |
|-------------|-----------------------|--|
| S           | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage |
|             | DP Agent              | 1 x 16GiB memory                           |

- 43.5. This Cloud Service includes:
  - a. XSA Tenant. (Additional Schema for XSA Agent on customer request.)
- 43.6. Additional Terms and Conditions
- 43.6. The additional non-productive tier can only be subscribed with an SAP HANA, EE Cloud, base package, private edition which includes infrastructure and follows the same system size.
- 43.6. The additional terms and conditions as indicated for "SAP HANA, EE Cloud, base package, private edition" apply to SAP HANA, EE Cloud, non-prod tier, base package, private edition.

**44. SAP IQ COLD STORE CLOUD, PRIVATE EDITION**

- 44.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 44.2. Disaster Recovery Eligibility: N/A.
- 44.3. GxP Eligibility: N/A.
- 44.4. RISE 99.9% SLA Eligibility: N/A
- 44.5. System based on usage tier.

| Usage tier | Database /Application | System Tier PROD   | System Tier Non-PROD*                                    |
|------------|-----------------------|--|--|
| XS         | IQ DB                 | Usable DB Size 512GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size 512GB<br>Server size:<br>1 x 64GiB memory |
| S          | IQ DB                 | Usable DB Size 1TB<br>Server size:<br>1 x 64GiB memory   | Usable DB Size 1TB<br>Server size:<br>1 x 64GiB memory   |
| M          | IQ DB                 | Usable DB Size 3TB<br>Server size:<br>1 x 64GiB memory   | Usable DB Size 3TB<br>Server size:<br>1 x 64GiB memory   |
| L          | IQ DB                 | Usable DB Size 5TB<br>Server size:<br>1 x 64GiB memory   | Usable DB Size 5TB<br>Server size:<br>1 x 64GiB memory   |
| XL         | IQ DB                 | Usable DB Size 10TB<br>Server size:<br>1 x 128GiB memory | Usable DB Size 10TB<br>Server size:<br>1 x 128GiB memory |
| XXL        | IQ DB                 | Usable DB Size 20TB<br>Server size:<br>1 x 128GiB memory | Usable DB Size 20TB<br>Server size:<br>1 x 128GiB memory |

|            |              |  |  |
|------------|--------------|--|--|
| <b>3XL</b> | <b>IQ DB</b> | Usable DB Size 30TB<br>Server size:<br>1 x 256GiB memory | Usable DB Size 30TB<br>Server size:<br>1 x 256GiB memory |
|------------|--------------|--|--|

\*1 non-productive tier included with System Tier Non-PRD.

- 44.6. This Cloud Service is limited to use in conjunction with:
- SAP Information Lifecycle Management, private cloud edition; or
  - RISE with SAP (Embedded Retention Management) or
  - SAP BW/4HANA Cloud, base package, private edition; or
  - SAP BW NetWeaver Cloud, base package, private edition.

**45. SAP IQ COLD STORE CLOUD, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

- 45.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 45.2. Disaster Recovery Eligibility: N/A.
- 45.3. GxP Eligibility: N/A.
- 45.4. RISE 99.9% SLA Eligibility: N/A
- 45.5. System based on usage tier.

| Usage tier | Database /Application | System Tier NonPROD*                                     |
|------------|-----------------------|--|
| <b>XS</b>  | <b>IQ DB</b>          | Usable DB Size 512GB<br>Server size:<br>1 x 64GiB memory |
| <b>S</b>   | <b>IQ DB</b>          | Usable DB Size 1TB<br>Server size:<br>1 x 64GiB memory   |
| <b>M</b>   | <b>IQ DB</b>          | Usable DB Size 3TB<br>Server size:<br>1 x 64GiB memory   |
| <b>L</b>   | <b>IQ DB</b>          | Usable DB Size 5TB<br>Server size:<br>1 x 64GiB memory   |
| <b>XL</b>  | <b>IQ DB</b>          | Usable DB Size 10TB<br>Server size:<br>1 x 128GiB memory |
| <b>XXL</b> | <b>IQ DB</b>          | Usable DB Size 20TB<br>Server size:<br>1 x 128GiB memory |
| <b>3XL</b> | <b>IQ DB</b>          | Usable DB Size 30TB<br>Server size:<br>1 x 256GiB memory |

\*Provides a single, additional Non-PROD tier.

- 45.6. This Cloud Service is limited to use in conjunction with:
- SAP Information Lifecycle Management, private cloud edition; or
  - RISE with SAP (Embedded Retention Management) or
  - SAP BW/4HANA Cloud, base package, private edition; or
  - SAP BW NetWeaver Cloud, base package, private edition.

**46. SAP ADDITIONAL DATABASE STORAGE, PRIVATE CLOUD EDITION**

46.1. Usage Metric: Gigabyte. SAP Additional Database Storage, private cloud edition provides additional system size on top of priced-in infrastructure to increase capabilities for database storage. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

46.2. Block size: 128.

46.3. Additional Storage can be applied to all private edition solutions that include the HANA database (either HANA Runtime or HANA Enterprise) and Non-HANA databases.

**47. SAP GENERAL PURPOSE JAVA SERVER CLOUD, PRIVATE EDITION**

47.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

47.2. GxP Eligibility: N/A

47.3. System based on usage tier.

| Usage tier  | Size | Database /Application | System Tier PROD   | System Tier Non-PROD*                                    |
|---|------|-----------------------|--|--|
| SAP General Purpose Java Server Cloud, private edition (8 cores)  | S    | ASE DB                | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|   |      | NW JAVA APP           | 1 x 32GiB memory   | 1 x 32GiB memory   |
| SAP General Purpose Java Server Cloud, private edition (16 cores) | M    | ASE DB                | Usable DB Size 100GB<br>Server size:1 x 32GiB memory     | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|   |      | NW JAVA APP           | 2 x 32GiB memory   | 1 x 32GiB memory   |
| SAP General Purpose Java Server Cloud, private edition (24 cores) | L    | ASE DB                | Usable DB Size 100GB<br>Server size:1 x 32GiB memory     | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|   |      | NW JAVA APP           | 3 x 32GiB memory   | 1 x 32GiB memory   |

Supports general purpose NetWeaver Java usage types excluding BI-JAVA.

\*No dedicated system QA delivered for System Tier PROD.

**48. SAP GENERAL PURPOSE JAVA SERVER CLOUD, ADDITIONAL NON-PRODUCTIVE, PRIVATE EDITION**

48.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

48.2. Disaster Recovery Eligibility: N/A

48.3. GxP Eligibility: N/A

48.4. RISE 99.9% SLA Eligibility: N/A

48.5. System based on usage tier.

| Usage tier  | Size | Database /Application | System Tier Non-PROD                                     |
|---|------|-----------------------|--|
| SAP General Purpose Java Server Cloud, additional non-productive, private edition (8 cores) | S    | ASE DB                | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|   |      | NW JAVA APP           | 1 x 32GiB memory   |

|   |          |                    |  |
|---|----------|--------------------|--|
| <b>SAP General Purpose Java Server Cloud, additional non-productive, private edition (16 cores)</b> | <b>M</b> | <b>ASE DB</b>      | Usable DB Size 100GB<br>Server size:1 x 32GiB memory |
|   |          | <b>NW JAVA APP</b> | 2 x 32GiB memory                                     |
| <b>SAP General Purpose Java Server Cloud, additional non-productive, private edition (24 cores)</b> | <b>L</b> | <b>ASE DB</b>      | Usable DB Size 100GB<br>Server size:1 x 32GiB memory |
|   |          | <b>NW JAVA APP</b> | 3 x 32GiB memory                                     |

**49. SAP FIREWALL SERVICE, PRIVATE CLOUD EDITION.**

- 49.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 49.2. Disaster Recovery Eligibility: N/A
- 49.3. RISE 99.9% SLA Eligibility: N/A
- 49.4. GxP Eligibility: N/A
- 49.5. Additional Terms & Conditions: A tenant provides an entitlement up to 200 custom rules. If a customer requires more rules then they would need to purchase additional tenants.

**50. SAPSAP S/4HANA CLOUD SAFEKEEPER (MULTIPLE VERSIONS).**

- 50.1. Usage Metric: Entitlements Package.
- 50.2. Maximum Block Size: No
- 50.3. Disaster Recovery Eligibility: Yes
- 50.4. RISE 99.9% SLA Eligibility: Yes
- 50.5. GxP Eligibility: Yes

**FINANCE**

**51. SAP S/4HANA CLOUD FOR RECEIVABLES MANAGEMENT, PRIVATE EDITION**

- 51.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**52. SAP S/4HANA CLOUD FOR CASH MANAGEMENT, PRIVATE EDITION**

- 52.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 52.2. RISE 99.9% SLA Eligibility: N/A

**53. SAP S/4HANA FINANCE FOR CASH MANAGEMENT, VERSION FOR CHINA, PRIVATE EDITION**

- 53.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**54. SAP EXTENDED SINGLE SIGN-ON, PRIVATE CLOUD EDITION**

- 54.1. Usage Metric: Flat Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 54.2. GxP Eligibility: N/A.

54.3. RISE 99.9% SLA Eligibility: N/A

**55. SAP EXTENDED SINGLE SIGN-ON ON HANA, PRIVATE CLOUD EDITION**

55.1. Usage Metric: Flat Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

55.2. GxP Eligibility: N/A.

55.3. RISE 99.9% SLA Eligibility: N/A

**56. SAP PROCESS CONTROL, PRIVATE CLOUD EDITION**

56.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**57. SAP RISK MANAGEMENT, PRIVATE CLOUD EDITION**

57.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**58. SAP AUDIT MANAGEMENT, PRIVATE CLOUD EDITION**

58.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**59. SAP IDENTITY MANAGEMENT, PRIVATE CLOUD EDITION**

59.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

59.2. Block size: 100.

59.3. Disaster Recovery Eligibility: N/A

59.4. GxP Eligibility: N/A

59.5. RISE 99.9% SLA Eligibility: N/A

59.6. System size based on usage tier.

| Usage tier       | Size | Database /Application | System Tier PROD   | System Tier QAS  | System Tier DEV  |
|------------------|------|-----------------------|--|--|--|
| Up to 20 blocks  | S    | Runtime ASE DB+APP    | Usable DB Size 1024GB<br>Server size:<br>1 x 128GiB memory | Usable DB Size 1024GB<br>Server size:<br>1 x 128GiB memory | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory  |
|                  |      | UI ASE DB+APP         | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory  | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory, | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory, |
| Up to 50 blocks  | M    | Runtime ASE DB+APP    | Usable DB Size 2048GB<br>Server size:<br>1 x 256GiB memory | Usable DB Size 2048GB<br>Server size:<br>1 x 128GiB memory | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory  |
|                  |      | UI ASE DB+APP         | Usable DB Size 500GB<br>Server size:<br>1 x 256GiB memory  | Usable DB Size 500GB<br>Server size:<br>1 x 128GiB memory  | Usable DB Size 300GB<br>Server size:<br>1 x 128GiB memory  |
| Up to 200 blocks | L    | Runtime ASE DB        | Usable DB Size 3072GB<br>Server size:                      | Usable DB Size 3072GB<br>Server size:                      | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory   |

|                             |           |                       |  |  |  |
|-----------------------------|-----------|-----------------------|--|--|--|
|                             |           |                       | 1 x 512GiB memory  | 1 x 512GiB memory  |  |
|                             |           | <b>Runtime APP</b>    | 2 x 128GiB memory  | 1 x 128GiB memory  | 1 x 32GiB memory   |
|                             |           | <b>UI ASE DB</b>      | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory   | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory   | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory |
|                             |           | <b>UI APP</b>         | 1 x 32GiB memory   | 1 x 32GiB memory   | 1 x 32GiB memory   |
| <b>More than 200 blocks</b> | <b>XL</b> | <b>Runtime ASE DB</b> | Usable DB Size 4096GB<br>Server size:<br>1 x 950GiB memory | Usable DB Size 4096GB<br>Server size:<br>1 x 950GiB memory | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory |
|                             |           | <b>Runtime APP</b>    | 2 x 256GiB memory  | 1 x 256GiB memory  | 1 x 32GiB memory   |
|                             |           | <b>UI ASE DB</b>      | Usable DB Size 500GB<br>Server size:<br>1 x 128GiB memory  | Usable DB Size 500GB<br>Server size:<br>1 x 128GiB memory  | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory |
|                             |           | <b>UI APP</b>         | 2 x 32GiB memory   | 1 x 32GiB memory   | 1 x 32GiB memory   |

59.7. This Cloud Service includes:

- a. Common transport folder, 100GB of storage is included for all transport files.

**60. SAP ENTERPRISE THREAT DETECTION, PRIVATE CLOUD EDITION**

- 60.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 60.2. Block size: 100.
- 60.3. Disaster Recovery Eligibility: N/A
- 60.4. GxP Eligibility: N/A
- 60.5. RISE 99.9% SLA Eligibility: N/A
- 60.6. System size based on usage tier.

| Usage tier              | Size      | Database /Application | System Tier PROD                          | System Tier NonProd                       |
|-------------------------|-----------|-----------------------|---|---|
| <b>up to 35 blocks</b>  | <b>XS</b> | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   |
|                         |           | <b>Cold Storage</b>   | 4.000GB storage                           | N/A                                       |
| <b>up to 75 blocks</b>  | <b>S</b>  | <b>HANA DB</b>        | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   |
|                         |           | <b>Cold Storage</b>   | 8.000GB storage                           | N/A                                       |
| <b>Up to 200 blocks</b> | <b>M</b>  | <b>HANA DB</b>        | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   |
|                         |           | <b>Cold Storage</b>   | 15.000GB storage                          |   |
| <b>up to 600 blocks</b> | <b>L</b>  | <b>HANA DB</b>        | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage |
|                         |           | <b>Cold Storage</b>   | 37.000GB storage                          | N/A                                       |

|                  |    |              |   |   |
|------------------|----|--------------|---|---|
| above 600 blocks | XL | HANA DB      | 1 x 2850GiB memory, 2850GB usable storage | 1 x 2850GiB memory, 2850GB usable storage |
|                  |    | Cold Storage | 73.000GB storage                          | N/A                                       |

**61. SAP S/4HANA CLOUD FOR IN-HOUSE CASH, PRIVATE EDITION**

61.1. Usage Metric: Revenue.

61.2. Block size: € 100 million (converted to local currency using SAP standard exchange rates).

**62. SAP S/4HANA CLOUD FOR ADVANCED PAYMENT MANAGEMENT, PRIVATE EDITION**

62.1. Usage Metric: Transaction. For this Cloud Service, the total number of payment items in a payment order are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on The Usage Metric entitlement in the Order Form depletes with usage and is based on a monthly entitlement.

62.2. Block size: 1000

62.3. Maximum Blocks: 5000 Blocks.

**63. SAP S/4HANA CLOUD FOR TREASURY AND RISK MANAGEMENT, PRIVATE EDITION**

63.1. Usage Metric: Assets Under Management. For this cloud Service the total amount of all treasury positions is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

63.2. Block size: € 100 million (converted to local currency using SAP standard exchange rates).

63.3. Use of SAP S/4HANA Cloud Finance for treasury and risk management is limited to a maximum of one hundred active, investment-related security classes in the securities area.

63.4. In the SAP system each security (e.g. stocks) is a class. The class data includes all the structure characteristics of a security. Since the creation of transactions and the management of positions in the transaction manager are based on product types, each class needs to be assigned to a product type.

**64. SAP S/4HANA CLOUD FOR TREASURY AND RISK MANAGEMENT CLOUD, IMPAIRMENT ACCOUNTING EXTENSION FOR EXPECTED LOSSES, PRIVATE EDITION**

64.1. Usage Metric: Assets under Management. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

64.2. RISE 99.9% SLA Eligibility: N/A

64.3. Block size: 1,000,000,000€.

64.4. This Cloud Service is limited to the following language versions.

Available log-on languages: Arabic, Bulgarian, Catalan, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hebrew, Hindi, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Slovak, Slovenian, Spanish, Swedish, Thai, Turkish, Ukrainian, Vietnamese.

Available Documentation language: English

To report support incidents, please use message component: XX-PROJ-CDP-534.

**65. SAP TREASURY AND RISK MANAGEMENT CLOUD, IMPAIRMENT ACCOUNTING EXTENSION FOR EXPECTED LOSSES, PRIVATE EDITION**

65.1. Usage Metric: Assets under Management. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

65.2. Block size: 1,000,000,000

**66. SAP S/4HANA Cloud, Finance localization extension for the Republic of Belarus by EPAM, private edition**

66.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**67. SAP S/4HANA CLOUD FOR FINANCIAL CLOSING COCKPIT, PRIVATE EDITION**

67.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

67.2. Block size: 500.

67.3. Maximum Blocks: 208 Blocks.

**68. SAP S/4HANA CLOUD FOR CENTRAL FINANCE FOUNDATION, PRIVATE EDITION**

68.1. Usage Metric: Revenue. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

68.2. Block size: € 100 million (converted to local currency using SAP standard exchange rates).

68.3. Maximum Blocks: 1,000 Blocks.

68.4. Additional Terms and Conditions

68.4. S/4HANA Cloud for central finance foundation, private edition includes SAP Application Interface Framework. Use of SAP Application Interface Framework is limited to use in conjunction with S/4HANA Cloud for central finance foundation, private edition.

**69. SAP S/4HANA CLOUD FOR REAL ESTATE MANAGEMENT CLOUD, RESIDENTIAL PROPERTY MGMT, PRIVATE EDITION**

69.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

69.2. Block size: 1,000.

**70. SAP S/4HANA CLOUD FOR GROUP REPORTING, PRIVATE EDITION**

70.1. Usage Metric: Object. For this Cloud Service, the total number of entities (entities correspond to the consolidation unit) are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

70.2. Block size: 25

70.3. Disaster Recovery does not extend to SAP Group Reporting for Data Collection

70.4. Additional Terms and Conditions

70.4. The Cloud Service includes a usage right for SAP EC-CS until December 31, 2027.

**71. SAP S/4HANA CLOUD FOR FINANCIAL ASSET MANAGEMENT, PRIVATE EDITION**

71.1. Usage Metric: Assets under Management. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

71.2. RISE 99.9% SLA Eligibility: N/A

71.3. Block size: € 100 million (converted to local currency using SAP standard exchange rates)

71.4. Additional Terms & Conditions: This Cloud Service provides usage rights to administrate securities, money market, foreign exchange and derivative instruments and performs corresponding subledger accounting activities according to several legislations in parallel. Loans Management and Statutory Reporting is not included in the solution and has to be subscribed to as separate add-ons.

**72. SAP S/4HANA CLOUD FOR FINANCIAL ASSET MANAGEMENT, LOANS ADD-ON, PRIVATE EDITION**

72.1. Usage Metric: Assets Under Management. Unless otherwise indicated herein, the usage metric entitlement in the Order Form is retained throughout the subscription term.

72.2. RISE 99.9% SLA Eligibility: N/A

72.3. Block size: € 100 million (converted to local currency using SAP standard exchange rates)

72.4. Additional Terms & Conditions: This Cloud Service is a Pioneer solution. SAP S/4HANA Cloud for financial asset management, private edition is a prerequisite for this Cloud Service. This Cloud Service provides usage rights to administrate loans for the purpose of insurance asset management or corporate treasury. It performs corresponding subledger accounting activities according to several legislations in parallel. This Cloud Service does not provide use rights for the banking business.

**73. SAP S/4HANA CLOUD FOR FINANCIAL ASSET MANAGEMENT, STATUTORY REPORTING ADD-ON, PRIVATE EDITION**

73.1. Usage Metric: Assets under Management. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

73.2. RISE 99.9% SLA Eligibility: N/A

73.3. Block size: € 100 million (converted to local currency using SAP standard exchange rates)

73.4. Additional Terms & Conditions: This Cloud Service is a Pioneer solution. SAP S/4HANA Cloud for financial asset management, private edition is a prerequisite for this Cloud Service.

**74. SAP S/4HANA CLOUD FOR ACCOUNTING INTEGRATION, PRIVATE EDITION**

74.1. Usage Metric: Record. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

74.2. RISE 99.9% SLA Eligibility: N/A

74.3. Block size: 10,000.

74.4. Maximum Blocks: 154 Blocks.

74.5. This Cloud Service is limited to the following language versions:

Available log-on language: English

Available Documentation language: English.

**75. SAP S/4HANA CLOUD FOR FINANCIAL THREE LINES OF DEFENSE, PRIVATE EDITION**

75.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**76. SAP S/4HANA CLOUD FOR TAX COMPLIANCE, PRIVATE EDITION**

76.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

76.2. RISE 99.9% SLA Eligibility: N/A

**77. SAP S/4HANA FOR ASSET RETIREMENT OBLIGATION, PRIVATE EDITION**

77.1. Usage Metric: Spend. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

77.2. RISE 99.9% SLA Eligibility: N/A

77.3. Block size: € 100 million.

77.4. Maximum Blocks: 35 Blocks.

**78. SAP S/4HANA CLOUD FOR PUBLIC SECTOR FOR TAX, SOCIAL SERVICES AND PAYMENT PROCESSING, PRIVATE EDITION**

78.1. Usage Metric: Contact. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

78.2. Block size: 10,000.

**79. SAP S/4HANA CLOUD FOR ACCESS CONTROL, PRIVATE EDITION**

79.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

79.2. Block size: 100.

**80. SAP ACCESS CONTROL, EXTRA STACK, PRIVATE EDITION**

80.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

80.2. Block size: 100.

80.3. System size based on usage tier.

| Usage tier            | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|-----------------------|------|-----------------------|---|---|---|
| up to 50 block size   | XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 1 x 32GiB memory                          | 1 x 32GiB memory                          | 1 x 16Gib memory                        |
| up to 100 block size  | S    | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| up to 150 block size  | M    | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| up to 500 block size  | L    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| up to 1000 block size | XL   | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 2x 64GiB memory                           | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| above 1000 block size | XXL  | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                       |      | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64 GiB memory                       |

80.4. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.

80.5. Disaster Recovery Eligibility: N/A (System Tier DEV)

80.6. GxP Eligibility: N/A (System Tier DEV)

80.7. RISE 99.9% SLA Eligibility: N/A (System Tier DEV)

**81. SAP S/4HANA CLOUD FOR BUSINESS INTEGRITY SCREENING, PRIVATE EDITION**

81.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

81.2. RISE 99.9% SLA Eligibility: N/A

81.3. Customer is allowed to create new tables and new views (database views, analytical views, projection views, attribute views, calculation views, etc.) on the database as long as they are used in the context of the SAP Business Integrity Screening for S/4HANA Cloud, private edition solution (e.g. to setup rules which access these tables/views).

**82. SAP GLOBAL TRADE SERVICES, EDITION FOR HANA, PRIVATE CLOUD EDITION**

82.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

82.2. System size based on usage tier.

| Usage tier      | Size | Database /Application | System Tier PROD                        | System Tier QAS                         | System Tier DEV*                        |
|-----------------|------|-----------------------|---|---|---|
| Up to 25 Users  | S    | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                 |      | App Server            | 2 x 32GiB memory                        | 2 x 32GiB memory                        | 1 x 32GiB memory                        |
|                 |      | Fileshare             | 200GB                                   | No QAS fileshare                        | 200GB                                   |
| up to 50 Users  | M    | HANA DB               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                 |      | App Server            | 2 x 32GiB memory                        | 2 x 32GiB memory                        | 2 x 32GiB memory                        |
|                 |      | Fileshare             | 300GB                                   | No QAS fileshare                        | 300GB                                   |
| up to 100 Users | M    | HANA DB               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                 |      | App Server            | 2 x 32GiB memory                        | 2 x 32GiB memory                        | 2 x 32GiB memory                        |
|                 |      | Fileshare             | 300GB                                   | No QAS fileshare                        | 300GB                                   |
| up to 150 Users | L    | HANA DB               | 1 x 960GiB memory, 960GB usable storage | 1 x 960GiB memory, 960GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                 |      | App Server            | 2 x 64GiB memory                        | 2 x 64GiB memory                        | 2 x 32GiB memory                        |
|                 |      | Fileshare             | 400GB                                   | No QAS fileshare                        | 400GB                                   |

\*Up to 10 Users.

82.3. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.

82.4. This package includes HANA Runtime. SAP Global Trade Services, edition for HANA, private cloud edition only supports the electronic submission of customs declarations through the use of third parties, such as customs brokers, who can submit the declarations on behalf of the importer/exporter.

**83. SAP GLOBAL TRADE SERVICES, ADDITIONAL NON-PRODUCTIVE, PRIVATE EDITION**

83.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

83.2. Disaster Recovery Eligibility: N/A

83.3. GxP Eligibility: N/A

83.4. RISE 99.9% SLA Eligibility: N/A

83.5. System size based on usage tier.

| Size | Database /Application | System Tier NonPROD |
|------|-----------------------|---------------------|
|------|-----------------------|---------------------|

|            |                   |  |
|------------|-------------------|--|
| <b>S</b>   | <b>HANA DB</b>    | 1 x 256GiB memory,<br>256GB usable storage   |
|            | <b>App Server</b> | 1 x 32GiB memory                             |
|            | <b>Fileshare</b>  | 200GB  |
| <b>M</b>   | <b>HANA DB</b>    | 1 x 512GiB memory,<br>512GB usable storage   |
|            | <b>App Server</b> | 2 x 32GiB memory                             |
|            | <b>Fileshare</b>  | 300GB  |
| <b>L</b>   | <b>HANA DB</b>    | 1 x 960GiB memory,<br>960GB usable storage   |
|            | <b>App Server</b> | 2 x 64GiB memory                             |
|            | <b>Fileshare</b>  | 400GB  |
| <b>XL</b>  | <b>HANA DB</b>    | 1 x 1922GiB memory,<br>1922GB usable storage |
|            | <b>App Server</b> | 2 x 64GiB memory                             |
|            | <b>Fileshare</b>  | 500GB  |
| <b>XXL</b> | <b>HANA DB</b>    | 1 x 2940GiB memory,<br>2944GB usable storage |
|            | <b>App Server</b> | 2 x 128GiB memory                            |
|            | <b>Fileshare</b>  | 600GB  |

#### **84. SAP GLOBAL TRADE SERVICES, CUSTOMS CONNECTION**

84.1. Usage Metric: Document. For this Cloud Service, accounting documents are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

84.2. Block size: 1000

#### **85. SAP S/4HANA CLOUD FOR CONTRACT ACCOUNTING AND INVOICING, PRIVATE EDITION**

85.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

85.2. RISE 99.9% SLA Eligibility: N/A

85.3. Block size: €50 million (converted to local currency using SAP standard exchange rates)

#### **86. SAP S/4HANA CLOUD FOR CONTRACT, LEASE AND REAL ESTATE MANAGEMENT, PRIVATE EDITION**

86.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

86.2. Master data objects are all unique records stored or managed in the Cloud Service.

86.3. Master data objects are active real estate objects of type: contract; land; building or space.

86.4. Block size: 100.

#### **87. SAP COMMODITY RISK MANAGEMENT FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

87.1. Usage Metric: Document.

- 87.2. Document is a record of commercial transactional data managed via the Cloud Service.
- 87.3. For this cloud Service, the number of new and active commodity derivatives and exchange traded lot positions are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a monthly entitlement.
- 87.4. Block size: 100
- 87.5. Maximum Blocks: 450 Blocks
- 88. SAP S/4HANA CLOUD FOR BILLING AND REVENUE INNOVATION MANAGEMENT, PRIVATE EDITION, INFRASTRUCTURE FOR CONVERGENT CHARGING**
- 88.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 88.2. Block size: €50 million (converted to local currency using SAP standard exchange rates).
- 88.3. GxP Eligibility: N/A.
- 88.4. RISE 99.9% SLA Eligibility: N/A
- 88.5. System size based on usage tier.

| Usage tier  | Size | Database /Application                                 | System Tier PROD                        | System Tier QAS                         | System Tier DEV                         |
|---|------|---|---|---|---|
| up to 10 blocks of €50 million of Revenues & Expenses                     | XS   | HANA DB   | 1 x 128GiB memory, 128GB usable storage | No QAS system delivered                 | 1 x 128GiB memory, 128GB usable storage |
|   |      | App Server (Dispatcher, Guider, Rater and Bulkloader) | 1 x 32GiB memory                        | No QAS system delivered                 | 1 x 32GiB memory                        |
|   |      | App Server (Updater and Cockpit)                      | 1 x 16GiB memory                        | No QAS system delivered                 | 1 x 16GiB memory                        |
| up to 30 blocks of €50 million of Revenues & Expenses                     | S    | HANA DB   | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|   |      | App Server (Dispatcher, Guider, Rater and Bulkloader) | 1 x 32GiB memory                        | 1 x 32GiB memory                        | 1 x 32GiB memory                        |
|   |      | App Server (Updater and Cockpit)                      | 1 x 16GiB memory                        | 1 x 16GiB memory                        | 1 x 16GiB memory                        |
| up to 60 blocks of €50 million of Revenues & Expenses up to 120 blocks of | M    | HANA DB   | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|   |      | App Server (Dispatcher, Guider, Rater and Bulkloader) | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |

|   |    |  |   |   |   |
|---|----|--|---|---|---|
| €50 million of Revenues & Expenses  |    | <b>App Server (Updater and Cockpit)</b>                      | 1 x 32GiB memory                        | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
| up to 60 blocks of €50 million of Revenues & Expenses<br>up to 120 blocks of €50 million of Revenues & Expenses | L  | <b>HANA DB</b>   | 1x 512GiB memory, 512GB usable storage  | 1 x 512GiB memory, 512GB usable storage | 1 x 128GiB memory, 128GB usable storage |
|   |    | <b>App Server (Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 128GiB memory                       | 1 x 128GiB memory                       | 1 x 32GiB memory                        |
|   |    | <b>App Server (Updater and Cockpit)</b>                      | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
| up to 60 blocks of €50 million of Revenues & Expenses   | XL | <b>HANA DB</b>   | 1 x 960GiB memory, 960GB usable storage | 1 x 960GiB memory, 960GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|   |    | <b>App Server (Dispatcher, Guider, Rater and Bulkloader)</b> | 2 x 128GiB memory                       | 2 x 128GiB memory                       | 1 x 64GiB memory                        |
|   |    | <b>App Server (Updater and Cockpit)</b>                      | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |

This package includes HANA Runtime.

\*For XS only 2 System Tiers provided (combined QA and DEV System Tier)

88.6. This Cloud Service includes:

- a. SFTP Server Prod/NonProd (8GiB memory each, 200GB storage, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.

**89. SAP BILLING AND REVENUE INNOVATION MANAGEMENT CLOUD, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

89.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

89.2. GxP Eligibility: N/A

89.3. RISE 99.9% SLA Eligibility: N/A

89.4. System size based on usage tier

| Size | Database /Application  | System Tier PROD                        |
|------|--|---|
| S    | <b>HANA DB</b>   | 1 x 128GiB memory, 128GB usable storage |
|      | <b>App Server (Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 32GiB memory                        |
|      | <b>App Server (Updater and Cockpit)</b>                      | 1 x 16GiB memory                        |

|           |  |  |
|-----------|--|--|
| <b>M</b>  | <b>HANA DB</b>   | 1 x 256GiB memory,<br>256GB usable storage |
|           | <b>App Server<br/>(Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 64GiB memory                           |
|           | <b>App Server<br/>(Updater and Cockpit)</b>                      | 1 x 32GiB memory                           |
| <b>L</b>  | <b>HANA DB</b>   | 1 x 512GiB memory,<br>512GB usable storage |
|           | <b>App Server<br/>(Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 128GiB memory                          |
|           | <b>App Server<br/>(Updater and Cockpit)</b>                      | 1 x 64GiB memory                           |
| <b>XL</b> | <b>HANA DB</b>   | 1 x 960GiB memory,<br>960GB usable storage |
|           | <b>App Server<br/>(Dispatcher, Guider, Rater and Bulkloader)</b> | 2 x 128GiB memory                          |
|           | <b>App Server<br/>(Updater and Cockpit)</b>                      | 1 x 64GiB memory                           |

**90. SAP BILLING AND REVENUE INNOVATION MANAGEMENT CLOUD, ADDITIONAL NON PRODUCTIVE TIER, PRIVATE EDITION**

- 90.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 90.2. Disaster Recovery Eligibility: N/A
- 90.3. GxP Eligibility: N/A
- 90.4. RISE 99.9% SLA Eligibility: N/A
- 90.5. System size based on usage tier.

| <b>Size</b> | <b>Database /Application</b>                                     | <b>System Tier NonProd</b>                 |
|-------------|--|--|
| <b>S</b>    | <b>HANA DB</b>   | 1 x 128GiB memory,<br>128GB usable storage |
|             | <b>App Server<br/>(Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 32GiB memory                           |
|             | <b>App Server<br/>(Updater and Cockpit)</b>                      | 1 x 16GiB memory                           |
| <b>M</b>    | <b>HANA DB</b>   | 1 x 256GiB memory,<br>256GB usable storage |
|             | <b>App Server<br/>(Dispatcher, Guider, Rater and Bulkloader)</b> | 1 x 64GiB memory                           |
|             | <b>App Server<br/>(Updater and Cockpit)</b>                      | 1 x 32GiB memory                           |

|    |  |   |
|----|--|---|
| L  | HANA DB  | 1 x 512GiB memory,<br>5121GB usable storage |
|    | App Server<br>(Dispatcher, Guider, Rater and Bulkloader) | 1 x 128GiB memory                           |
|    | App Server<br>(Updater and Cockpit)                      | 1 x 64GiB memory                            |
| XL | HANA DB  | 1 x 960GiB memory,<br>960GB usable storage  |
|    | App Server<br>(Dispatcher, Guider, Rater and Bulkloader) | 2 x 128GiB memory                           |
|    | App Server<br>(Updater and Cockpit)                      | 1 x 64GiB memory                            |

#### 91. SAP S/4HANA CLOUD FOR ENTERPRISE CONTRACT MANAGEMENT, PRIVATE EDITION

91.1. Usage Metric: Record. All "Legal Transactions" in status 'On Track', 'Pending', 'Open Issues' are counted as Records. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

#### 92. SAP S/4HANA CLOUD FOR FINANCIAL POSTING GATEWAY, PRIVATE EDITION

92.1. Usage Metric: Document. For this Cloud Service, accounting documents are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

92.2. RISE 99.9% SLA Eligibility: N/A

92.3. Block Size: 1,000,000

92.4. Additional Terms and Conditions: This Cloud Service is a Pioneer solution. This Cloud Service is restricted to customers who are not in the financial services industry.

#### 93. SAP S/4HANA FINANCE FOR INVOICE AND REPORTING COMPLIANCE FOR ANGOLA, PRIVATE EDITION

93.1. Usage Metric: Revenue. For this Cloud Service revenues managed through the cloud service are counted.

93.2. Block size: € 10 million (converted to local currency using SAP standard exchange rates).

#### 94. SAP DOCUMENT AND REPORTING COMPLIANCE FOR S/4HANA CLOUD, PRIVATE EDITION

94.1. Usage Metric: Object. For this Cloud Service, each company code and country combination is counted as an individual object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

94.2. RISE 99.9% SLA Eligibility: N/A

94.3. For this Cloud Service, entities mean the number of all company codes in a reporting country for which the Cloud Service generates or receives electronic documents or reports. Each company code and country combination is counted as an individual entity. This metric is counted in a contract year.

#### 95. SAP ADD-ON FOR POLISH SAF-T REGULATORY REQUIREMENTS, PRIVATE CLOUD EDITION

95.1. Usage Metric: Object. For this Cloud Service, each company code and country combination is counted as an individual object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

95.2. RISE 99.9% SLA Eligibility: N/A

95.3. GxP Eligibility: N/A

95.4. For this Cloud Service, entities mean the number of all company codes in for which the solution generates SAF-T reports. This metric is counted in a contract year.

95.5. Block Size: 5

95.6. This Cloud Service includes an on-premise component that can be downloaded and installed by the Customer on a Windows device. The System Availability Service Level does not apply to this component. Customer may only use the on-premise components during the Subscription Term.

**96. SAP TAX DECLARATION FRAMEWORK BRAZIL CLOUD, PRIVATE EDITION**

96.1. Usage Metric: Object. For this Cloud Service, each company code and country combination is counted as an individual object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

96.2. RISE 99.9% SLA Eligibility: N/A

96.3. Each company code and country combination is counted as an individual entity. This metric is counted in a contract year.

96.4. Pre-requisite infrastructure (SAP Netweaver ABAP Server Cloud on HANA, private edition) is not included and must be subscribed to separately.

**97. SAP NETWEAVER ABAP SERVER CLOUD ON HANA, PRIVATE EDITION**

97.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

97.2. GxP Eligibility: N/A

97.3. System size based on usage tier.

| Usage tier   | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|--|------|-----------------------|---|---|---|
| SAP NetWeaver ABAP Server on HANA Cloud, private edition (S) | S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|  |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| SAP NetWeaver ABAP Server on HANA Cloud, private edition (M) | M    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|  |      | App Server            | 2 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| SAP NetWeaver ABAP Server on HANA Cloud, private edition (L) | L    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|  |      | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |

|   |            |                   |   |   |   |
|---|------------|-------------------|---|---|---|
| <b>SAP NetWeaver ABAP Server on HANA Cloud, private edition (XL)</b>  | <b>XL</b>  | <b>HANA DB</b>    | 1 x 2944GiB memory, 2944GB usable storage   | 1 x 2944GiB memory, 2944GB usable storage   | 1 x 512GiB memory, 512GB usable storage |
|   |            | <b>App Server</b> | 4 x 128GiB memory                           | 4 x 128GiB memory                           | 2 x 64GiB memory                        |
| <b>SAP NetWeaver ABAP Server on HANA Cloud, private edition (XXL)</b> | <b>XXL</b> | <b>HANA DB</b>    | 1 x 5700GiB memory, 5700GB usable storage   | 1 x 5700GiB memory, 5700GB usable storage   | 1 x 512GiB memory, 512GB usable storage |
|   |            | <b>App Server</b> | 4 x 128GiB memory                           | 4 x 128GiB memory                           | 2 x 64GiB memory                        |
| <b>SAP NetWeaver ABAP Server on HANA Cloud, private edition (4XL)</b> | <b>4XL</b> | <b>HANA DB</b>    | 1 x 11400GiB memory, 11400GB usable storage | 1 x 11400GiB memory, 11400GB usable storage | 1 x 960GiB memory, 960GB usable storage |
|   |            | <b>App Server</b> | 4 x 128GiB memory                           | 4 x 128GiB memory                           | 2 x 64GiB memory                        |

97.4. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**98. SAP S/4HANA REAL ESTATE DEVELOPMENT LIFECYCLE MANAGEMENT, PRIVATE EDITION**

98.1. Usage Metric: Object. For this Cloud Service, active real estate projects are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**DIGITAL SUPPLY CHAIN**

**99. SAP S/4HANA CLOUD, TRANSPORTATION MANAGEMENT, EXTRA STACK, PRIVATE EDITION**

99.1. Usage Metric: Spend. For this Cloud Service, only freight spend, which includes all costs incurred in transporting products, is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

99.2. Block size: €2,5 million (converted to local currency using SAP standard exchange rates).

99.3. System size based on usage tier

| Usage tier             | Size       | Database /Application | System Tier PROD                        | System Tier QAS         | System Tier DEV                         |
|------------------------|------------|-----------------------|---|-------------------------|---|
| <b>Up to 40 blocks</b> | <b>XXS</b> | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage | No QAS system delivered | 1 x 256GiB memory, 256GB usable storage |
|                        |            | <b>App Server</b>     | 1 x 64GiB memory                        | No QAS system delivered | 1 x 32Gib memory                        |

|                         |           |                   |   |   |   |
|-------------------------|-----------|-------------------|---|---|---|
| <b>Up to 75 blocks</b>  | <b>XS</b> | <b>HANA DB</b>    | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |           | <b>App Server</b> | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Up to 125 blocks</b> | <b>S</b>  | <b>HANA DB</b>    | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |           | <b>App Server</b> | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Up to 200 blocks</b> | <b>M</b>  | <b>HANA DB</b>    | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |           | <b>App Server</b> | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Above 200 blocks</b> | <b>L</b>  | <b>HANA DB</b>    | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                         |           | <b>App Server</b> | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 2 x 64GiB memory                        |

99.4. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Optimizer Prod/NonProd (64GiB memory each, installed on dedicated servers)
- c. Common Transport Folder, 100GB of Storage is included for all transport files.
- d. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory, installed on dedicated servers, available on customer request). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.

99.5. Business Partners may provide information to or view information in SAP Transportation Management, cloud edition as part of the planning, execution or settlement of freight within SAP Transportation Management. Business Partners do not require an FUE license. This includes any user necessary for SAP Gateway access. This package includes HANA Runtime.

99.6. This package includes SAP Event Management on SAP S/4HANA, but use of SAP Event Management on SAP S/4HANA is limited to transportation processes covered by SAP Transportation Management, such as the tracking of freight orders and freight units.

#### 100. SAP S/4HANA CLOUD FOR TRANSPORTATION MANAGEMENT FOR T&L, EXTRA STACK, PRIVATE EDITION

100.1. Usage Metric: Revenue. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

100.2. Block size: € 2,5 million (converted to local currency using SAP standard exchange rates).

100.3. Maximum Blocks: 400 Blocks.

100.4. System size based on usage tier.

| Usage tier              | System size | System Tier PRD and QA RAM (GB) | System Tier DEV RAM (GB) |
|-------------------------|-------------|---------------------------------|--------------------------|
| <b>Up to 50 blocks</b>  | <b>XS</b>   | 256                             | 256                      |
| <b>Up to 100 blocks</b> | <b>S</b>    | 256                             | 256                      |
| <b>Up to 150 blocks</b> | <b>M</b>    | 512                             | 256                      |

|                             |            |       |     |
|-----------------------------|------------|-------|-----|
| <b>Up to 200 blocks</b>     | <b>L</b>   | 512   | 256 |
| <b>Up to 300 blocks</b>     | <b>XL</b>  | 1,024 | 256 |
| <b>More than 300 blocks</b> | <b>XXL</b> | 2,048 | 512 |

100.5. Business Partners may provide information to or view information in SAP Transportation Management for T&L, cloud edition as part of the planning, execution or settlement of freight within SAP TM. Business Partners do not require an FUE license. This includes any user necessary for SAP Gateway access. This package includes HANA Runtime.

100.6. This package includes SAP Event Management on SAP S/4HANA, but use of SAP Event Management on SAP S/4HANA is limited to transportation processes covered by SAP Transportation Management, such as the tracking of freight orders and freight units.

**101. SAP S/4HANA CLOUD BULK TRANSPORTATION EXTENSION FOR SAP AGRICULTURAL CONTRACT MANAGEMENT, PRIVATE EDITION**

101.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

101.2. RISE 99.9% SLA Eligibility: N/A

101.3. Block size: €10 million (converted to local currency using SAP standard exchange rates).

101.4. This Cloud Service is limited to the following language versions:

Available log-on languages: Danish, German, English, Spanish, Finish, French, Lithuanian, Polish, Portuguese, Russian, Slovak, Swedish

Available Documentation language: English.

101.5. Maximum Blocks: 7,000 Blocks

**102. SAP S/4HANA CLOUD FOR TRANSPORTATION MANAGEMENT, PRIVATE EDITION**

102.1. Usage Metric: Spend. For this Cloud Service, only freight spend, which includes all costs incurred in transporting products, is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

102.2. Block size: €2,5 million (converted to local currency using SAP standard exchange rates).

102.3. This package includes "SAP Event Management on SAP S/4HANA," but use of SAP Event Management on SAP S/4HANA is limited to transportation processes covered by SAP Transportation Management, such as the tracking of freight orders and freight units.

102.4. This Cloud Service includes:

- a. Optimizer Prod/NonProd (64GiB memory each, installed on dedicated servers)

102.5.

**103. SAP S/4HANA CLOUD, TRANSPORTATION MANAGEMENT FOR T&L, PRIVATE EDITION**

103.1. Usage Metric: Revenue. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

103.2. RISE 99.9% SLA Eligibility: N/A

103.3. Block size: €2,5 million (converted to local currency using SAP standard exchange rates).

103.4. Additional Terms and Conditions

103.4. Business Partners may provide information to or view information in SAP Transportation Management for T&L, cloud edition as part of the planning, execution or settlement of freight within SAP TM. Business Partners do not require an FUE license. This includes any user necessary for SAP Gateway access.

103.4. This package includes SAP Event Management on SAP S/4HANA, but use of SAP Event Management on SAP S/4HANA is limited to transportation processes covered by SAP Transportation Management, such as the tracking of freight orders and freight units.

**104. SAP S/4HANA CLOUD FOR EXTENDED WAREHOUSE MANAGEMENT, EXTRA STACK, PRIVATE EDITION**

104.1. Usage Metric: Documents.

For this cloud service all goods receipt, goods issue postings and staging of components for production are counted. The metric has a yearly entitlement and depletes with usage.

104.2. Block size: 600,000.

104.3. System size based on usage tier.

| Usage tier       | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|------------------|------|-----------------------|---|---|---|
| Up to 15 blocks  | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | No QAS system delivered                   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | App Server            | 1 x 64GiB memory                          | No QAS system delivered                   | 1 x 32GiB memory                        |
| Up to 30 blocks  | XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 60 blocks  | S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage |
| Up to 120 blocks |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 240 blocks | M    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | App Server            | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| Up to 450 blocks | L    | HANA DB               | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                  |      | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 2 x 64GiB memory                        |
| Up to 750 blocks | XL   | HANA DB               | 1 x 2944GiB memory, 2944GB usable storage | 1 x 2944GiB memory, 2944GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                  |      | App Server            | 4 x 128GiB memory                         | 4 x 128GiB memory                         | 2 x 64 GiB memory                       |
| Above 750 blocks | XXL  | HANA DB               | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                  |      | App Server            | 4x128 GiB memory                          | 4 x 128 GiB memory                        | 2 x 64 GiB memory,                      |

104.4. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)

- b. Common Transport Folder, 100GB of Storage is included for all transport files.
  - c. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory each, installed on dedicated servers, available on customer request). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.
- 104.5. Business Partners of Customer accessing SAP Extended Warehouse Management solutions solely to view the tracking status and report event messages do not require an FUE license. This package includes HANA Runtime.

**105. SAP S/4HANA CLOUD, SUPPLY CHAIN FOR EXTENDED WAREHOUSE MANAGEMENT, PRIVATE EDITION**

105.1. Usage Metric: Documents.

For this cloud service all goods receipt, goods issue postings and staging of components for production are counted. The metric has a yearly entitlement and depletes with usage.

105.2. Block size: 600,000.

**106. SAP S4HANA CLOUD SUPPLY CHAIN FOR EXTENDED SERVICE PARTS PLANNING, PRIVATE EDITION**

106.1. Usage Metric: Cost of Goods. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

106.2. RISE 99.9% SLA Eligibility: N/A

106.3. Block size: 175,000,000 €.

106.4. Max Usage: 280 blocks

**107. SAP YARD LOGISTICS FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

107.1. Usage Metric: Document. For this cloud service all check-in and check-out postings per transportation unit are counted. The metric has a yearly entitlement and depletes with usage.

107.2. RISE 99.9% SLA Eligibility: N/A

107.3. Block size: 5,000.

107.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German, Russian, Portuguese; Spanish, Japanese

Available Documentation languages: English, German.

**108. GLOBAL BATCH TRACEABILITY, PRIVATE CLOUD EDITION**

108.1. Usage Metric: Object. For this Cloud Service, individual batch ID's and/or handling units are counted.

108.2. RISE 99.9% SLA Eligibility: N/A

108.3. System size based on usage tier:

| Usage tier       | Size | Database /Application | System Tier PROD   | System Tier QAS  | System Tier DEV  |
|------------------|------|-----------------------|--|--|--|
| Up to 100 blocks | S    | HANA DB               | 1 x 512GiB memory, usable storage<br>512GB+250GB for NSE | 1 x 512GiB memory, usable storage<br>512GB+250GB for NSE | 1 x 256GiB memory, usable storage<br>256GB+250GB for NSE |
|                  |      | App Server            | 2 x 32GiB memory   | 2 x 32GiB memory   | 2 x 32GiB memory   |
| Up to 500 blocks | M    | HANA DB               | 1 x 960GiB memory, usable storage<br>960GB+500GB for NSE | 1 x 960GiB memory, usable storage<br>960GB+500GB for NSE | 1 x 512GiB memory, usable storage<br>512GB+500GB for NSE |
|                  |      | App Server            | 2 x 64GiB memory   | 2 x 64GiB memory   | 2 x 32GiB memory   |

|                            |            |                   |  |  |  |
|----------------------------|------------|-------------------|--|--|--|
| <b>Up to 2,500 blocks</b>  | <b>L</b>   | <b>HANA DB</b>    | 1 x 1922GiB memory, usable storage 1922GB+1250GB for NSE | 1 x 1922GiB memory, usable storage 1922GB+1250GB for NSE | 1 x 512GiB memory, usable storage 512GB+500GB for NSE  |
|                            |            | <b>App Server</b> | 2 x 128GiB memory  | 2 x 128GiB memory  | 2 x 64GiB memory                                       |
| <b>Up to 10,000 blocks</b> | <b>XL</b>  | <b>HANA DB</b>    | 1 x 2850GiB memory, usable storage 2850GB+3750GB for NSE | 1 x 2850GiB memory, usable storage 2850GB+3750GB for NSE | 1 x 512GiB memory, usable storage 512GB+500GB for NSE  |
|                            |            | <b>App Server</b> | 4 x 128GiB memory  | 4 x 128GiB memory  | 2 x 64GiB memory                                       |
| <b>Up to 100,00 blocks</b> | <b>XXL</b> | <b>HANA DB</b>    | 1 x 5700GiB memory, usable storage 5700GB+6250GB for NSE | 1 x 5700GiB memory, usable storage 5700GB+6250GB for NSE | 1 x 960GiB memory, usable storage 960GB+1000GB for NSE |
|                            |            | <b>App Server</b> | 4 x 128GiB memory  | 4 x 128GiB memory  | 2 x 128GiB memory                                      |

108.4. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.

**109. SAP S/4HANA CLOUD FOR ENVIRONMENT MANAGEMENT, PRIVATE EDITION**

109.1. Usage Metric: Record. For this cloud service unique EHS locations are counted. EHS locations are central master data objects identifying a real place, virtual space or object organized in a hierarchy to represent where a location exists spatially or functionally in a company. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term

109.2. Block size: 1.

109.3. Maximum Blocks: 12,000

**110. SAP S/4HANA CLOUD FOR EHS WORKPLACE SAFETY, PRIVATE EDITION**

110.1. Usage Metric: Record. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

110.2. Block size: 1,000.

110.3. Maximum Blocks: 250

**111. SAP S/4HANA CLOUD, ENTERPRISE PORTFOLIO AND PROJECT MANAGEMENT, PRIVATE EDITION, PROFESSIONAL**

111.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**112. SAP S/4HANA CLOUD, ENTERPRISE PORTFOLIO AND PROJECT MANAGEMENT, PRIVATE EDITION, STANDARD**

112.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

112.2. SAP S/4HANA Cloud for Enterprise Portfolio and Project Management, private edition, standard edition includes right to view project and portfolio information, use analytical capabilities, approve projects, phases and decision points, fill out questionnaires, provide input for financial and capacity planning, view and confirm assigned tasks and report project efforts. In addition, users are allowed to use cross project views and review commercial information of projects, create and manage project risks and project activities related to project risk, issue and change management.

**113. SAP S/4HANA CLOUD FOR ADVANCED VARIANT CONFIGURATION, PRIVATE EDITION, PROFESSIONAL VERSION**

113.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

113.2. RISE 99.9% SLA Eligibility: N/A

**114. SAP S/4HANA CLOUD FOR ADVANCED VARIANT CONFIGURATION, PRIVATE EDITION, STANDARD VERSION**

114.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

114.2. RISE 99.9% SLA Eligibility: N/A

**115. SAP S/4HANA CLOUD FOR R&D FOR ENTERPRISE PRODUCT FORMULATION, PRIVATE EDITION**

115.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

115.2. RISE 99.9% SLA Eligibility: N/A

115.3. This Cloud Service includes use of collaborative product development and product structure synchronization limited to recipe development functionality.

**116. SAP S/4HANA CLOUD FOR R&D FOR ENTERPRISE PRODUCT ENGINEERING, PRIVATE EDITION**

116.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

116.2. This Cloud Service includes on-premise components that need to be downloaded and installed by the Customer as described in Documentation. The System Availability Service Level does not apply to this component. Customer may only use the on-premise components during the Subscription Term. Use of SAP 3D Visual Enterprise Generator is limited to 1 core of usage. Use of collaborative product development and product structure synchronization functionality is limited to discrete industry product development functionality.

**117. SAP S/4HANA CLOUD FOR MANUFACTURING FOR PLANNING AND SCHEDULING, PRIVATE EDITION**

117.1. Usage Metric: Cost of Goods. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

117.2. Block size: €100 million (converted to local currency using SAP standard exchange rates).

117.3. Max usage: 500 Blocks

117.4. This Cloud Service includes:

Optimizer Prod/NonProd (64GiB memory each, installed on dedicated servers)

117.5.

**118. SAP S/4HANA CLOUD FOR MANUFACTURING FOR PLANNING AND SCHEDULING, EXTRA STACK, PRIVATE EDITION**

118.1. Usage Metric: Cost of Goods. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

118.2. Block size: €100 million (converted to local currency using SAP standard exchange rates).

118.3. System size based on usage tier.

| Usage tier | Size | Database /Application | System Tier PROD                        | System Tier QAS         | System Tier DEV                         |
|------------|------|-----------------------|---|-------------------------|---|
|            | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage | No QAS system delivered | 1 x 256GiB memory, 256GB usable storage |

|                                       |           |                   |   |   |   |
|---------------------------------------|-----------|-------------------|---|---|---|
| <b>Up to 5 blocks of 100 M COGS</b>   |           | <b>App Server</b> | 1 x 64GiB memory                          | No QAS system delivered                   | 1 x 32Gib memory                        |
| <b>Up to 10 blocks of 100 M COGS</b>  | <b>XS</b> | <b>HANA DB</b>    | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                                       |           | <b>App Server</b> | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Up to 20 blocks of 100 M COGS</b>  | <b>S</b>  | <b>HANA DB</b>    | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                                       |           | <b>App Server</b> | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Up to 40 blocks of 100 M COGS</b>  | <b>M</b>  | <b>HANA DB</b>    | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                                       |           | <b>App Server</b> | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>Above 100 blocks of 100 M COGS</b> | <b>L</b>  | <b>HANA DB</b>    | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 1922GiB Memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                                       |           | <b>App Server</b> | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 2 x 64GiB memory                        |

118.4. This Cloud Service includes:

SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)

Optimizer Prod/NonProd (64GiB memory each, installed on dedicated servers)

Common Transport Folder, 100GB of Storage is included for all transport files.

SAP CLOUD CONNECTOR Prod/NonProd (8GIB memory each, installed on dedicated servers, available on customer request). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.

118.5. This package includes HANA Runtime.

**119. SAP S/4HANA CLOUD FOR MANUFACTURING FOR PRODUCTION ENGINEERING AND OPERATIONS, PRIVATE EDITION**

119.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**120. S/4HANA CLOUD FOR MANUFACTURING LOGISTICS, PRIVATE EDITION**

120.1. Usage Metric: Document. Shipper scenario items are delivery line items. A delivery is the documentation for a shipment sent to/from a warehouse location to/from a destination (customer, vendor or other plant/location). The items of the delivery are the unique material codes irrespective of quantity shipped under that delivery. The average per day is based on the active days over the period of 1 year. .

120.2. Transit Warehousing scenario - In transit warehousing delivery line items are not used. For the transit warehousing scenario, ITEMS are the packaging items (Handling Units) moved through the system from origin to destination. The packaging items are counted only once in this process. The average per day is based on the active days over the period of 1 year. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

120.3. Disaster Recovery Eligibility: N/A

120.4. GxP Eligibility: N/A

120.5. RISE 99.9% SLA Eligibility: N/A

120.6. Block size: 600,000.

**121. SAP MANUFACTURING EXECUTION CLOUD, PRIVATE EDITION**

121.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term

121.2. GxP Eligibility: N/A

121.3. System size based on usage tier

| Usage tier   | Size | Database /Application | System Tier PROD                             | System Tier QAS                              | System Tier DEV                            |
|--------------|------|-----------------------|--|--|--|
| Up to 300    | XS   | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 1 x 32GiB memory                             | 1 x 32GiB memory                             | 1 x 32GiB memory                           |
| 301 to 1000  | S    | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 2 x 32GiB memory                             | 2 x 32GiB memory                             | 1 x 32GiB memory                           |
| 1001 to 3000 | M    | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage   | 1 x 512GiB memory,<br>512GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 2 x 32GiB memory                             | 2 x 32GiB memory                             | 1 x 32GiB memory                           |
| 3001 to 6000 | L    | HANA DB               | 1 x 960GiB memory,<br>960GB usable storage   | 1 x 960GiB memory,<br>960GB usable storage   | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 3 x 32GiB memory                             | 3 x 32GiB memory                             | 1 x 32GiB memory                           |
| 6001 -10000  | XL   | HANA DB               | 1 x 1922GiB memory,<br>1922GB usable storage | 1 x 1922GiB memory,<br>1922GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 3 x 32GiB memory                             | 3 x 32GiB memory                             | 1 x 32GiB memory                           |

121.4. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**122. SAP S4HANA CLOUD FOR LAST MILE DISTRIBUTION, PRIVATE EDITION**

122.1. Usage Metric: Transaction. For this Cloud Service, all jobs, including those sent via bulk, batch or using Powerform, are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

122.2. RISE 99.9% SLA Eligibility: N/A

122.3. Block Size: 100,000

**123. SAP ENGINEERING CONTROL CENTER FOR SAP S/4HANA CLOUD, PRIVATE EDITION, PROFESSIONAL EDITION**

123.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**124. SAP ENGINEERING CONTROL CENTER FOR SAP S/4HANA CLOUD, PRIVATE EDITION, STANDARD EDITION**

124.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**125. SAP WORK CLEARANCE MANAGEMENT FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

125.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

125.2. Block size: 80,000.

**126. SAP SPATIAL ASSET MANAGEMENT FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

126.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**127. SAP S/4HANA CLOUD FOR ASSET MANAGEMENT FOR RESOURCE SCHEDULING, PRIVATE EDITION**

127.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

127.2. RISE 99.9% SLA Eligibility: N/A

127.3. This Cloud Service is limited to the following language versions:

Available log-on languages: Chinese, Czech, Danish, Dutch, English, Finnish, French, German, Hungarian, Italian, Japanese, Korean, Norwegian, Polish, Portuguese, Romanian, Russian, Spanish, Swedish, Turkish

Available Documentation languages: English, German.

**128. SAP S/4HANA CLOUD FOR ADVANCED AVAILABLE-TO-PROMISE, PRIVATE EDITION**

128.1. Usage Metric: Cost of Goods. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

128.2. Block size: €175 million (converted to local currency using SAP standard exchange rates).

128.3. Maximum Blocks: 280 Blocks

**129. SAP S/4HANA CLOUD FOR PRODUCT COMPLIANCE, PRIVATE EDITION**

129.1. Usage Metric: Document. For this Cloud Service, Documents are sales orders, outbound deliveries, purchase orders, production orders, transportation orders, and compliance document output request items and are counted at the line-item level. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

129.2. Block size: 100,000

**130. SAP EHS MANAGEMENT FOR OCCUPATIONAL HEALTH FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

130.1. Usage Metric: User. For this Cloud Service, an individual with a unique active profile and whose data is processed by the Cloud Service is counted.

130.2. Block size: 100.

130.3. Additional Term and Conditions

This Cloud Service is limited to the following language versions:

Available log-on languages: English, German, French, Italian, Spanish, Russian, Portuguese, Chinese

Available Documentation languages: English, German

To report support incidents please use message component: EHS-SUS-OH.

**131. SAP COMMODITY MANAGEMENT FOR PHYSICAL CONTRACTS FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

131.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

131.2. Block size: €10 million (converted to local currency using SAP standard exchange rates).

131.3. Maximum Blocks: 7,000 Blocks

**132. SAP AGRICULTURAL CONTRACT MANAGEMENT FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

132.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

132.2. Block size: €10 million (converted to local currency using SAP standard exchange rates).

132.3. This Cloud Service is limited to the following language versions:

Available log-on languages: English, Portuguese, German, French, Spanish, Finnish, Danish, Swedish, Lithuanian, Polish, Slovak, Russian

Available Documentation languages: English, Portuguese, German, French, Spanish, Finnish, Danish, Swedish, Lithuanian, Polish, Slovak, Russian.

132.4. Maximum Blocks: 7,000 Blocks

**133. PLM SYSTEM INTEGRATION FOR SAP S/4HANA, PRIVATE EDITION**

133.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

133.2. Block Size: 1,000

133.3. GxP Eligibility: N/A

133.4. RISE 99.9% SLA Eligibility: N/A

**134. SAP CLOUD FOR CORPORATE SERIALIZATION, PRIVATE EDITION**

134.1. **Usage Metric: Document. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.**

134.2. RISE 99.9% SLA Eligibility: N/A

134.3. Block Size: 1,000,000

134.4. System Size based on usage tier.

| Usage tier         | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|--------------------|------|-----------------------|---|---|---|
| Up to 50 blocks    | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 64GiB memory                        |
| Up to 100 blocks   | XS   | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |      | App Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 64GiB memory                        |
| Up to 500 blocks   | S    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |      | App Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |
| Up to 1,000 blocks | M    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                    |      | App Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1x 64GiB memory                         |
| Up to 2,000 blocks | L    | HANA DB               | 1 x 2944GiB memory, 2944GB usable storage | 1 x 2944GiB memory, 2944GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                    |      | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |
|                    |      | Web Dispatcher        | 1 x 8GiB memory                           | No QAS system delivered                   | 1 x 8GiB memory                         |

|                               |           |                       |   |   |   |
|-------------------------------|-----------|-----------------------|---|---|---|
| <b>More than 2,001 blocks</b> | <b>XL</b> | <b>HANA DB</b>        | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                               |           | <b>App Server</b>     | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |
|                               |           | <b>Web Dispatcher</b> | 1 x 8GiB memory                           | No QAS system delivered                   | 1 x 8GiB memory                         |

134.5. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**135. SAP EVENT MANAGEMENT ON SAP S/4HANA CLOUD, PRIVATE EDITION**

- 135.1. Usage Metric: Document. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 135.2. GxP Eligibility: N/A
- 135.3. RISE 99.9% SLA Eligibility: N/A
- 135.4. Block Size: 100,000
- 135.5. System size based on usage tier.

| Usage tier              | Size       | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|-------------------------|------------|-----------------------|---|---|---|
| <b>up to 70 blocks</b>  | <b>XXS</b> | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |            | <b>App Server</b>     | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>up to 140 blocks</b> | <b>XS</b>  | <b>HANA DB</b>        | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |            | <b>App Server</b>     | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| <b>up to 280 blocks</b> | <b>S</b>   | <b>HANA DB</b>        | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                         |            | <b>App Server</b>     | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
| <b>up to 560 blocks</b> | <b>M</b>   | <b>HANA DB</b>        | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                         |            | <b>App Server</b>     | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |
| <b>Above 561 blocks</b> | <b>L</b>   | <b>HANA DB</b>        | 1 x 2944GiB memory, 2944GB usable storage | 1 x 2944GiB memory, 2944GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                         |            | <b>App Server</b>     | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |

135.6. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.

**136. SAP PRODUCT LIFECYCLE COSTING, PRIVATE CLOUD EDITION**

- 136.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 136.2. System size based on usage tier.

| Size      | Database /Application | System Tier PROD                          | System Tier DEV                           |
|-----------|-----------------------|---|---|
| <b>XS</b> | <b>HANA DB w/XSA</b>  | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   |
| <b>S</b>  | <b>HANA DB w/XSA</b>  | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   |
| <b>M</b>  | <b>HANA DB w/XSA</b>  | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   |
| <b>L</b>  | <b>HANA DB w/XSA</b>  | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage |
| <b>XL</b> | <b>HANA DB w/XSA</b>  | 1 x 2944GiB memory, 2944GB usable storage | 1 x 2944GiB memory, 2944GB usable storage |

136.3. This Cloud Service includes HANA Runtime. Use of the SAP HANA Studio and Web IDE components is also permitted for the sole purpose of extending SAP Product Lifecycle Costing, private cloud edition, allowing creation of database tables, SQL functions, SQL procedures, and HANA extended application services (XS) development artifacts.

**137. SAP PRODUCT LIFECYCLE COSTING, PRIVATE CLOUD EDITION, ADDITIONAL NON-PRODUCTIVE TIER**

137.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

137.2. Disaster Recovery Eligibility: N/A

137.3. GxP Eligibility: N/A

137.4. System sizes,

| Size     | Database /Application | System Tier NonPROD                     |
|----------|-----------------------|---|
| <b>S</b> | <b>HANA DB w/XSA</b>  | 1 x 256GiB memory, 256GB usable storage |
| <b>M</b> | <b>HANA DB w/XSA</b>  | 1 x 512GiB memory, 512GB usable storage |
| <b>L</b> | <b>HANA DB w/XSA</b>  | 1 x 960GiB memory, 960GB usable storage |

**138. SAP TRANSPORTATION MANAGEMENT, NETWORK AND OPERATIONS FOR CONTAINER SHIPPING LINERS FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

138.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

138.2. RISE 99.9% SLA Eligibility: N/A

138.3. Block Size: 10,000

**139. SAP TRANSPORTATION MANAGEMENT, ORDER TO CASH FOR CONTAINER SHIPPING LINERS FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

139.1. Usage Metric: Document. For the Cloud Service documents are contracted booking items. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

139.2. RISE 99.9% SLA Eligibility: N/A

139.3. Block Size: 1,000

**140. SAP TRANSPORTATION MANAGEMENT, LEAD TO AGREEMENT FOR CONTAINER SHIPPING LINERS FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

140.1. Usage Metric: Document. For the Cloud Service documents are contracted items in customer agreements. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

140.2. RISE 99.9% SLA Eligibility: N/A

140.3. Block Size: 1,000

**141. SAP S/4HANA CLOUD FOR UI DATA PROTECTION LOGGING, PRIVATE EDITION**

141.1. Usage Metric: User. For this Cloud Service, individuals with unique active profiles are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

141.2. RISE 99.9% SLA Eligibility: N/A

141.3. Block size: 100.

141.4. This Cloud Service is limited to the following language versions:

Available log-on language: English

Available Documentation language: English.

**142. SAP S/4HANA CLOUD FOR UI DATA PROTECTION MASKING, PRIVATE EDITION**

142.1. Usage Metric: User. For this Cloud Service, individuals with unique active profiles are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

142.2. RISE 99.9% SLA Eligibility: N/A

142.3. Block size: 100.

142.4. This Cloud Service is limited to the following language versions:

Available log-on language: English

Available Documentation language: English.

**143. SAP INCENTIVE ADMINISTRATION BY VISTEX FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

143.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

143.2. RISE 99.9% SLA Eligibility: N/A

143.3. Block size: 50,000,000.

**144. SAP PAYBACKS AND CHARGEBACKS BY VISTEX FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

144.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

144.2. RISE 99.9% SLA Eligibility: N/A

144.3. Block size: 50,000,000.

**145. SAP PROMOTIONS AND AGREEMENTS BY VISTEX FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

145.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

145.2. RISE 99.9% SLA Eligibility: N/A

145.3. Block size: 50,000,000.

**146. SAP DATA MAINTENANCE BY VISTEX, PRICING OPTION FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

146.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

146.2. RISE 99.9% SLA Eligibility: N/A

146.3. Block size: 50,000,000.

**147. SAP DATA MAINTENANCE BY VISTEX, RESOURCES OPTION FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

147.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

147.2. RISE 99.9% SLA Eligibility: N/A

147.3. Block size: 50,000,000.

**148. SAP S/4HANA CLOUD FOR FARM MANAGEMENT BY VISTEX, PRIVATE EDITION**

148.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

148.2. RISE 99.9% SLA Eligibility: N/A

148.3. Block size: 10,000,000.

**149. SAP S/4HANA CLOUD FOR GROWER MANAGEMENT FOR PERISHABLES BY VISTEX, PRIVATE EDITION**

149.1. Usage Metric: Revenue. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

149.1. RISE 99.9% SLA Eligibility: N/A

149.2. Block size: 10,000,000.

**150. SAP S/4HANA CLOUD FOR RIGHTS AND ROYALTY MANAGEMENT BY VISTEX, PRIVATE EDITION**

150.1. Usage Metric: Revenue and Expense. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

150.2. RISE 99.9% SLA Eligibility: N/A

150.3. Block size: 100,000,000.

**151. SAP MANUFACTURING INTEGRATION AND INTELLIGENCE, PRIVATE CLOUD EDITION**

151.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term

151.2. System size based on usage tier.

| Usage tier   | Size | Database /Application | System Tier PROD                           | System Tier QAS                            | System Tier DEV                            |
|--------------|------|-----------------------|--|--|--|
| Up to 300    | XS   | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 1 x 32GiB memory                           | 1 x 32GiB memory                           | 1 x 32GiB memory                           |
| 301 to 1000  | S    | HANA DB               | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 2 x 32GiB memory                           | 2 x 32GiB memory                           | 1 x 32GiB memory                           |
| 1001 to 3000 | M    | HANA DB               | 1 x 512GiB memory,<br>512GB usable storage | 1 x 512GiB memory,<br>512GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|              |      | App Server            | 2 x 32GiB memory                           | 2 x 32GiB memory                           | 1 x 32GiB memory                           |
| 3001 to 6000 | L    | HANA DB               | 1 x 960GiB memory,<br>960GB usable storage | 1 x 960GiB memory,<br>960GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |

|                    |           |                   |  |  |  |
|--------------------|-----------|-------------------|--|--|--|
|                    |           | <b>App Server</b> | 3 x 32GiB memory                             | 3 x 32GiB memory                             | 1 x 32GiB memory                           |
| <b>6001 -10000</b> | <b>XL</b> | <b>HANA DB</b>    | 1 x 1922GiB memory,<br>1922GB usable storage | 1 x 1922GiB memory,<br>1922GB usable storage | 1 x 256GiB memory,<br>256GB usable storage |
|                    |           | <b>App Server</b> | 3 x 32GiB memory                             | 3 x 32GiB memory                             | 1 x 32GiB memory                           |

151.3. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**152. SAP TEAMCENTER BY SIEMENS, 1-100 SMALL, PRIVATE CLOUD EDITION**

152.1. Usage Metric: Entitlements Package. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

152.2. Disaster Recovery Eligibility: N/A

152.3. GxP Eligibility: N/A

152.4. RISE 99.9% SLA Eligibility: N/A

152.5. System sizes.

| Size  | Database /Application       | System Tier PROD  | System Tier DEV   |
|---|-----------------------------|---|---|
| <b>S</b>  | <b>MSSQL DB</b>             | Usable DB Size<br>300GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>175GB<br>Server size:<br>1 x 32GiB memory |
|   | <b>Web tier</b>             | 1 x 16GiB memory  | 1 x 8GiB memory   |
|   | <b>Enterprise Tier</b>      | 1 x 64GiB memory  | 1 x 32GiB memory  |
|   | <b>Integration Server</b>   | 1 x 32GiB memory  | 1 x 32GiB memory  |
|   | <b>Visualization Server</b> | 1 x 64GiB memory  | 1 x 64GiB memory  |
|   | <b>License server</b>       | 3 x 8GiB memory   | N/A   |
|   | <b>Build server</b>         | N/A   | 1 x 16GiB memory  |
| <b>SAP Teamcenter by Siemens, author, private cloud edition users: 51</b> |                             |   |   |

**153. SAP TEAMCENTER BY SIEMENS, 100-250 MEDIUM, PRIVATE CLOUD EDITION**

153.1. Usage Metric: Entitlements Package. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

153.2. Disaster Recovery Eligibility: N/A

153.3. GxP Eligibility: N/A

153.4. RISE 99.9% SLA Eligibility: N/A

153.5. System sizes.

| Size     | Database /Application | System Tier PROD  | System Tier DEV   |
|----------|-----------------------|---|---|
| <b>M</b> | <b>MSSQL DB</b>       | Usable DB Size<br>475GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>175GB<br>Server size:<br>1 x 32GiB memory |

|  |                             |                   |                  |
|--|-----------------------------|-------------------|------------------|
|  | <b>Web tier</b>             | 1 x 16GiB memory  | 1 x 8GiB memory  |
|  | <b>Enterprise Tier</b>      | 1 x 128GiB memory | 1 x 32GiB memory |
|  | <b>Integration Server</b>   | 1 x 32GiB memory  | 1 x 32GiB memory |
|  | <b>Visualization Server</b> | 1 x 64GiB memory  | 1 x 64GiB memory |
|  | <b>License server</b>       | 3 x 8GiB memory   | N/A              |
|  | <b>Build server</b>         | N/A               | 1 x 16GiB memory |
| <b>SAP Teamcenter by Siemens, author, private cloud edition users: 101</b> |                             |                   |                  |

**154. SAP TEAMCENTER BY SIEMENS, 251-1000 LARGE, PRIVATE CLOUD EDITION**

- 154.1. Usage Metric: Entitlements Package. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 154.2. Disaster Recovery Eligibility: N/A
- 154.3. GxP Eligibility: N/A
- 154.4. RISE 99.9% SLA Eligibility: N/A
- 154.5. System sizes.

| Size   | Database /Application       | System Tier PROD  | System Tier DEV   |
|--|-----------------------------|---|---|
| <b>L</b>   | <b>MSSQL DB</b>             | Usable DB Size<br>975GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>175GB<br>Server size:<br>1 x 32GiB memory |
|  | <b>Web tier</b>             | 2 x 16GiB memory  | 1 x 8GiB memory   |
|  | <b>Enterprise Tier</b>      | 2 x 128GiB memory   | 1 x 32GiB memory  |
|  | <b>Integration Server</b>   | 1 x 32GiB memory  | 1 x 32GiB memory  |
|  | <b>Visualization Server</b> | 1 x 64GiB memory  | 1 x 64GiB memory  |
|  | <b>License server</b>       | 3 x 8GiB memory   | N/A   |
|  | <b>Build server</b>         | N/A   | 1 x 16GiB memory  |
| <b>SAP Teamcenter by Siemens, author, private cloud edition users: 251</b> |                             |   |   |

**155. SAP TEAMCENTER BY SIEMENS, MEMORY EXTENSION, PRIVATE CLOUD EDITION (SMALL)**

- 155.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 155.2. Disaster Recovery Eligibility: N/A
- 155.3. GxP Eligibility: N/A
- 155.4. RISE 99.9% SLA Eligibility: N/A
- 155.5. Block size: 64

**156. SAP TEAMCENTER BY SIEMENS, MEMORY EXTENSION, PRIVATE CLOUD EDITION (MEDIUM)**

- 156.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

- 156.2. Disaster Recovery Eligibility: N/A
- 156.3. GxP Eligibility: N/A
- 156.4. RISE 99.9% SLA Eligibility: N/A
- 156.5. Block size: 128

**157. SAP TEAMCENTER BY SIEMENS, MEMORY EXTENSION, PRIVATE CLOUD EDITION (LARGE)**

- 157.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 157.2. Disaster Recovery Eligibility: N/A
- 157.3. GxP Eligibility: N/A
- 157.4. RISE 99.9% SLA Eligibility: N/A
- 157.5. Block size: 256

**158. SAP TEAMCENTER BY SIEMENS, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE CLOUD EDITION (SMALL)**

- 158.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 158.2. Disaster Recovery Eligibility: N/A
- 158.3. GxP Eligibility: N/A
- 158.4. RISE 99.9% SLA Eligibility: N/A
- 158.5. System sizes.

| Size | Database /Application | System Tier NonPROD   |
|------|-----------------------|---|
| S    | MSSQL DB              | Usable DB Size<br>300GB<br>Server size:<br>1 x 32GiB memory |
|      | Web tier              | 1 x 16GiB memory  |
|      | Enterprise Tier       | 1 x 64GiB memory  |
|      | Integration Server    | 1 x 32GiB memory  |
|      | Visualization Server  | 1 x 64GiB memory  |

**159. SAP TEAMCENTER BY SIEMENS, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE CLOUD EDITION (MEDIUM)**

- 159.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 159.2. Disaster Recovery Eligibility: N/A
- 159.3. GxP Eligibility: N/A

159.4. RISE 99.9% SLA Eligibility: N/A

159.5. System sizes.

| Size | Database /Application | System Tier NonPROD   |
|------|-----------------------|---|
| M    | MSSQL DB              | Usable DB Size<br>475GB<br>Server size:<br>1 x 32GiB memory |
|      | Web tier              | 1 x 16GiB memory  |
|      | Enterprise Tier       | 1 x 128GiB memory   |
|      | Integration Server    | 1 x 32GiB memory  |
|      | Visualization Server  | 1 x 64GiB memory  |

**160. SAP TEAMCENTER BY SIEMENS, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE CLOUD EDITION (LARGE)**

160.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

160.2. Disaster Recovery Eligibility: N/A

160.3. GxP Eligibility: N/A

160.4. RISE 99.9% SLA Eligibility: N/A

160.5. System sizes.

| Size | Database /Application | System Tier NonPROD   |
|------|-----------------------|---|
| L    | MSSQL DB              | Usable DB Size<br>975GB<br>Server size:<br>1 x 64GiB memory |
|      | Web tier              | 2 x 16GiB memory  |
|      | Enterprise Tier       | 2 x 128GiB memory   |
|      | Integration Server    | 1 x 32GiB memory  |
|      | Visualization Server  | 1 x 64GiB memory  |

**161. SAP TEAMCENTER BY SIEMENS, ADVANCED BOM ROLLUP, PRIVATE CLOUD EDITION**

161.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

161.2. Disaster Recovery Eligibility: N/A

161.3. GxP Eligibility: N/A

161.4. RISE 99.9% SLA Eligibility: N/A

- 162. SAP TEAMCENTER BY SIEMENS, ADV PRODUCT CONFIGURATOR-LEVEL 1 SOLVER, PRIVATE CLOUD EDITION**
- 162.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 162.2. Disaster Recovery Eligibility: N/A
- 162.3. GxP Eligibility: N/A
- 162.4. RISE 99.9% SLA Eligibility: N/A
- 163. SAP TEAMCENTER BY SIEMENS, ENGINEERING PRODUCT CONFIGURATOR AUTHOR, PRIVATE CLOUD EDITION**
- 163.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 163.2. Disaster Recovery Eligibility: N/A
- 163.3. GxP Eligibility: N/A
- 163.4. RISE 99.9% SLA Eligibility: N/A
- 164. SAP TEAMCENTER BY SIEMENS, ENGINEERING PRODUCT CONFIGURATOR-LV2, PRIVATE CLOUD EDITION**
- 164.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 164.2. Disaster Recovery Eligibility: N/A
- 164.3. GxP Eligibility: N/A
- 164.4. RISE 99.9% SLA Eligibility: N/A
- 165. SAP TEAMCENTER BY SIEMENS, AUTHOR, PRIVATE CLOUD EDITION**
- 165.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 165.2. Disaster Recovery Eligibility: N/A
- 165.3. GxP Eligibility: N/A
- 165.4. RISE 99.9% SLA Eligibility: N/A
- 166. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR AUTOCAD ELECTRICAL, PRIVATE CLOUD EDITION**
- 166.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 166.2. Disaster Recovery Eligibility: N/A
- 166.3. GxP Eligibility: N/A
- 166.4. RISE 99.9% SLA Eligibility: N/A
- 167. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR AUTOCAD, PRIVATE CLOUD EDITION**
- 167.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 167.2. Disaster Recovery Eligibility: N/A
- 167.3. GxP Eligibility: N/A
- 167.4. RISE 99.9% SLA Eligibility: N/A

**168. SAP TEAMCENTER BY SIEMENS, BRAND MANAGEMENT USER, PRIVATE CLOUD EDITION**

168.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

168.2. Disaster Recovery Eligibility: N/A

168.3. GxP Eligibility: N/A

168.4. RISE 99.9% SLA Eligibility: N/A

**169. SAP TEAMCENTER BY SIEMENS, CALM DIRECT USER, PRIVATE CLOUD EDITION**

169.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

169.2. Disaster Recovery Eligibility: N/A

169.3. GxP Eligibility: N/A

169.4. RISE 99.9% SLA Eligibility: N/A

**170. SAP TEAMCENTER BY SIEMENS, CALM FOUNDATION, PRIVATE CLOUD EDITION**

170.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

170.2. Disaster Recovery Eligibility: N/A

170.3. GxP Eligibility: N/A

170.4. RISE 99.9% SLA Eligibility: N/A

**171. SAP TEAMCENTER BY SIEMENS, CALM USER IMODEL, PRIVATE CLOUD EDITION**

171.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

171.2. Disaster Recovery Eligibility: N/A

171.3. GxP Eligibility: N/A

171.4. RISE 99.9% SLA Eligibility: N/A

**172. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR CATIA, PRIVATE CLOUD EDITION**

172.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

172.2. Disaster Recovery Eligibility: N/A

172.3. GxP Eligibility: N/A

172.4. RISE 99.9% SLA Eligibility: N/A

**173. SAP TEAMCENTER BY SIEMENS, CHANGE MANAGEMENT, PRIVATE CLOUD EDITION**

173.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

173.2. Disaster Recovery Eligibility: N/A

173.3. GxP Eligibility: N/A

173.4. RISE 99.9% SLA Eligibility: N/A

**174. SAP TEAMCENTER BY SIEMENS, AI FOR CLASSIFICATION, PRIVATE CLOUD EDITION**

174.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

174.2. Disaster Recovery Eligibility: N/A

174.3. GxP Eligibility: N/A

174.4. RISE 99.9% SLA Eligibility: N/A

**175. SAP TEAMCENTER BY SIEMENS, CLASSIFICATION, PRIVATE CLOUD EDITION**

175.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

175.2. Disaster Recovery Eligibility: N/A

175.3. GxP Eligibility: N/A

175.4. RISE 99.9% SLA Eligibility: N/A

**176. SAP TEAMCENTER BY SIEMENS, CONSUMER, PRIVATE CLOUD EDITION**

176.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

176.2. Disaster Recovery Eligibility: N/A

176.3. GxP Eligibility: N/A

176.4. RISE 99.9% SLA Eligibility: N/A

**177. SAP TEAMCENTER BY SIEMENS, CONTENT MANAGEMENT S1000D, PRIVATE CLOUD EDITION**

177.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

177.2. Disaster Recovery Eligibility: N/A

177.3. GxP Eligibility: N/A

177.4. RISE 99.9% SLA Eligibility: N/A

**178. SAP TEAMCENTER BY SIEMENS, CONTENT MANAGEMENT USER, PRIVATE CLOUD EDITION**

178.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

178.2. Disaster Recovery Eligibility: N/A

178.3. GxP Eligibility: N/A

178.4. RISE 99.9% SLA Eligibility: N/A

**179. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR CREO, PRIVATE CLOUD EDITION**

179.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

179.2. Disaster Recovery Eligibility: N/A

179.3. GxP Eligibility: N/A

179.4. RISE 99.9% SLA Eligibility: N/A

**180. SAP TEAMCENTER BY SIEMENS, DESIGN EBOM ALIGNMENT, PRIVATE CLOUD EDITION**

180.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**181. SAP TEAMCENTER BY SIEMENS, GATEWAY FOR EDA, PRIVATE CLOUD EDITION**

181.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

181.2. Disaster Recovery Eligibility: N/A

181.3. GxP Eligibility: N/A

181.4. RISE 99.9% SLA Eligibility: N/A

**182. SAP TEAMCENTER BY SIEMENS, GATEWAY FOR EDA LIBRARY, PRIVATE CLOUD EDITION**

182.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

182.2. Disaster Recovery Eligibility: N/A

182.3. GxP Eligibility: N/A

182.4. RISE 99.9% SLA Eligibility: N/A

**183. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR INVENTOR, PRIVATE CLOUD EDITION**

183.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

183.2. Disaster Recovery Eligibility: N/A

183.3. GxP Eligibility: N/A

183.4. RISE 99.9% SLA Eligibility: N/A

**184. SAP TEAMCENTER BY SIEMENS, JT BI-DIRECTIONAL TRANSLATOR FOR CATIA V5, PRIVATE CLOUD EDITION**

184.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

184.2. Disaster Recovery Eligibility: N/A

184.3. GxP Eligibility: N/A

184.4. RISE 99.9% SLA Eligibility: N/A

**185. SAP TEAMCENTER BY SIEMENS, JT IMPORT FOR CATIA V5, PRIVATE CLOUD EDITION**

185.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

185.2. Disaster Recovery Eligibility: N/A

185.3. GxP Eligibility: N/A

185.4. RISE 99.9% SLA Eligibility: N/A

**186. SAP TEAMCENTER BY SIEMENS, JT TRANSLATOR FOR SOLIDWORKS, PRIVATE CLOUD EDITION**

186.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**187. SAP TEAMCENTER BY SIEMENS, LIBRARY MANAGEMENT, PRIVATE CLOUD EDITION**

187.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

187.2. Disaster Recovery Eligibility: N/A

187.3. GxP Eligibility: N/A

187.4. RISE 99.9% SLA Eligibility: N/A

**188. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR MENTOR PADS, PRIVATE CLOUD EDITION**

188.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

- 188.2. Disaster Recovery Eligibility: N/A
- 188.3. GxP Eligibility: N/A
- 188.4. RISE 99.9% SLA Eligibility: N/A
- 189. SAP TEAMCENTER BY SIEMENS, MULTI STRUCTURE FOUNDATION, PRIVATE CLOUD EDITION**
- 189.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 189.2. Disaster Recovery Eligibility: N/A
- 189.3. GxP Eligibility: N/A
- 189.4. RISE 99.9% SLA Eligibility: N/A
- 190. SAP TEAMCENTER BY SIEMENS, MULTI-SITE COLLABORATION, PRIVATE CLOUD EDITION**
- 190.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 191. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR NX, PRIVATE CLOUD EDITION**
- 191.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 191.2. Disaster Recovery Eligibility: N/A
- 191.3. GxP Eligibility: N/A
- 191.4. RISE 99.9% SLA Eligibility: N/A
- 192. SAP TEAMCENTER BY SIEMENS, OCCASIONAL AUTHOR, PRIVATE CLOUD EDITION**
- 192.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 192.2. Disaster Recovery Eligibility: N/A
- 192.3. GxP Eligibility: N/A
- 192.4. RISE 99.9% SLA Eligibility: N/A
- 193. SAP TEAMCENTER BY SIEMENS, OPEN SDK, PRIVATE CLOUD EDITION**
- 193.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 193.2. Disaster Recovery Eligibility: N/A
- 193.3. GxP Eligibility: N/A
- 193.4. RISE 99.9% SLA Eligibility: N/A
- 194. SAP TEAMCENTER BY SIEMENS, PACKAGING & ARTWORK, PRIVATE CLOUD EDITION**
- 194.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 194.2. Disaster Recovery Eligibility: N/A
- 194.3. GxP Eligibility: N/A
- 194.4. RISE 99.9% SLA Eligibility: N/A
- 195. SAP TEAMCENTER BY SIEMENS, PARAMETER MANAGEMENT, PRIVATE CLOUD EDITION**
- 195.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

195.2. Disaster Recovery Eligibility: N/A

195.3. GxP Eligibility: N/A

195.4. RISE 99.9% SLA Eligibility: N/A

**196. SAP TEAMCENTER BY SIEMENS, PROGRAM PLANNING, PRIVATE CLOUD EDITION**

196.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

196.2. Disaster Recovery Eligibility: N/A

196.3. GxP Eligibility: N/A

196.4. RISE 99.9% SLA Eligibility: N/A

**197. SAP TEAMCENTER BY SIEMENS, RELATIONSHIP BROWSER, PRIVATE CLOUD EDITION**

197.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

197.2. Disaster Recovery Eligibility: N/A

197.3. GxP Eligibility: N/A

197.4. RISE 99.9% SLA Eligibility: N/A

**198. SAP TEAMCENTER BY SIEMENS, REQUIREMENTS MANAGEMENT, PRIVATE CLOUD EDITION**

198.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

198.2. Disaster Recovery Eligibility: N/A

198.3. GxP Eligibility: N/A

198.4. RISE 99.9% SLA Eligibility: N/A

**199. SAP TEAMCENTER BY SIEMENS, SCHEDULE MANAGER, PRIVATE CLOUD EDITION**

199.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

199.2. Disaster Recovery Eligibility: N/A

199.3. GxP Eligibility: N/A

199.4. RISE 99.9% SLA Eligibility: N/A

**200. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR SOLIDWORKS ENTERPRISE EDITION, PRIVATE CLOUD EDITION**

200.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

200.2. Disaster Recovery Eligibility: N/A

200.3. GxP Eligibility: N/A

200.4. RISE 99.9% SLA Eligibility: N/A

**201. SAP TEAMCENTER BY SIEMENS, INTEGRATION FOR SOLIDWORKS, PRIVATE CLOUD EDITION**

201.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

201.2. Disaster Recovery Eligibility: N/A

201.3. GxP Eligibility: N/A

201.4. RISE 99.9% SLA Eligibility: N/A

**202. SAP TEAMCENTER BY SIEMENS, TEAMCENTER GATEWAY FOR ENTERPRISE APPLICATIONS, PRIVATE CLOUD EDITION**

202.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

202.2. Disaster Recovery Eligibility: N/A

202.3. GxP Eligibility: N/A

202.4. RISE 99.9% SLA Eligibility: N/A

**203. SAP TEAMCENTER BY SIEMENS, VISUALIZATION MOCKUP, PRIVATE CLOUD EDITION**

203.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

203.2. Disaster Recovery Eligibility: N/A

203.3. GxP Eligibility: N/A

203.4. RISE 99.9% SLA Eligibility: N/A

**204. SAP TEAMCENTER BY SIEMENS, VISUALIZATION PROFESSIONAL, PRIVATE CLOUD EDITION**

204.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

204.2. Disaster Recovery Eligibility: N/A

204.3. GxP Eligibility: N/A

204.4. RISE 99.9% SLA Eligibility: N/A

**205. SAP TEAMCENTER BY SIEMENS, VISUALIZATION STANDARD, PRIVATE CLOUD EDITION**

205.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

205.2. Disaster Recovery Eligibility: N/A

205.3. GxP Eligibility: N/A

205.4. RISE 99.9% SLA Eligibility: N/A

**206. SAP TEAMCENTER BY SIEMENS, PARTITIONS, PRIVATE CLOUD EDITION**

206.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

206.2. Disaster Recovery Eligibility: N/A

206.3. GxP Eligibility: N/A

206.4. RISE 99.9% SLA Eligibility: N/A

**207. SAP TEAMCENTER BY SIEMENS, PARTNER CONNECT, PRIVATE CLOUD EDITION**

207.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

207.2. Disaster Recovery Eligibility: N/A

207.3. GxP Eligibility: N/A

207.4. RISE 99.9% SLA Eligibility: N/A

**208. SAP TEAMCENTER BY SIEMENS, RAPID START FOR ALTIUM DESIGNER, PRIVATE CLOUD EDITION**

208.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

208.2. Disaster Recovery Eligibility: N/A

208.3. GxP Eligibility: N/A

208.4. RISE 99.9% SLA Eligibility: N/A

**209. SAP TEAMCENTER BY SIEMENS, SMART DISCOVERY, PRIVATE CLOUD EDITION**

209.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

209.2. Disaster Recovery Eligibility: N/A

209.3. GxP Eligibility: N/A

209.4. RISE 99.9% SLA Eligibility: N/A

**210. SAP TEAMCENTER BY SIEMENS, JT TRANSLATOR FOR PROENGINEER AND CREO, PRIVATE CLOUD EDITION**

210.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**211. SAP TEAMCENTER BY SIEMENS, JT TRANSLATOR FOR SOLIDWORKS, PRIVATE CLOUD EDITION**

211.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**212. SAP TEAMCENTER BY SIEMENS, SERVICE ASSET MANAGEMENT, PRIVATE CLOUD EDITION**

212.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**213. SAP TEAMCENTER BY SIEMENS, AS-BUILT MANAGEMENT, PRIVATE CLOUD EDITION**

213.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**214. SAP TEAMCENTER BY SIEMENS, CALM BUNDLE, PRIVATE CLOUD EDITION**

214.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**215. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL1 CONSUMER, PRIVATE CLOUD EDITION**

215.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**216. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL1 UNIT, PRIVATE CLOUD EDITION**

216.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**217. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL2 CONSUMER, PRIVATE CLOUD EDITION**

217.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**218. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL2 VARIANT, PRIVATE CLOUD EDITION**

218.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

- 219. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL 3 ADVANCED, PRIVATE CLOUD EDITION**
- 219.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 220. SAP TEAMCENTER BY SIEMENS, EBOM LEVEL 3 CONSUMER, PRIVATE CLOUD EDITION**
- 220.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 221. SAP TEAMCENTER BY SIEMENS, INTEGRATED MATERIAL MGMT, PRIVATE CLOUD EDITION**
- 221.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 222. SAP TEAMCENTER BY SIEMENS, SERVICE PLANNING, PRIVATE CLOUD EDITION**
- 222.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 223. SAP TEAMCENTER BY SIEMENS, SIMULATION AUTHOR, PRIVATE CLOUD EDITION**
- 223.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 224. SAP TEAMCENTER BY SIEMENS, SYSTEMS ENGINEERING, PRIVATE CLOUD EDITION**
- 224.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 225. SAP TEAMCENTER BY SIEMENS, SYSTEMS MODELER, PRIVATE CLOUD EDITION**
- 225.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 226. SAP TEAMCENTER BY SIEMENS, VERIFICATION MANAGEMENT, PRIVATE CLOUD EDITION**
- 226.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 227. SAP TEAMCENTER BY SIEMENS, CONTEXT MANAGER, PRIVATE CLOUD EDITION**
- 227.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 228. SAP TEAMCENTER BY SIEMENS, GATEWAY FOR PLM SYSTEM INTEGRATION, PRIVATE CLOUD EDITION**
- 228.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 229. SAP TEAMCENTER BY SIEMENS, STEP AP203-214 TRANS, PRIVATE CLOUD EDITION**
- 229.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 230. SAP TEAMCENTER BY SIEMENS, SEMI LIFECYCLE MANAGEMENT NPI, PRIVATE CLOUD EDITION**
- 230.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 231. SAP TEAMCENTER BY SIEMENS, GEOLUS SERVER, PRIVATE CLOUD EDITION**
- 231.1. Usage Metric: Connection. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**232. SAP TEAMCENTER BY SIEMENS, GEOLUS USER, PRIVATE CLOUD EDITION**

232.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**233. SAP TEAMCENTER BY SIEMENS, INTEGRATION FRAMEWORK, PRIVATE CLOUD EDITION**

233.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**234. SAP TEAMCENTER BY SIEMENS, COMPLIANCE PROCESS MANAGER, PRIVATE CLOUD EDITION**

234.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**235. SAP TEAMCENTER BY SIEMENS, COMPLIANCE PROCESS MGR REACH, PRIVATE CLOUD EDITION**

235.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**236. SAP TEAMCENTER BY SIEMENS, COMPLIANCE PROCESS MGR ROHS CHINA, PRIVATE CLOUD EDITION**

236.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**237. SAP TEAMCENTER BY SIEMENS, COMPLIANCE PROCESS MGR ROHS, PRIVATE CLOUD EDITION**

237.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**238. SAP TEAMCENTER BY SIEMENS, SUBSTANCE COMPLIANCE, PRIVATE CLOUD EDITION**

238.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**239. SAP TEAMCENTER BY SIEMENS, DISPATCHER, PRIVATE CLOUD EDITION.**

- 239.1. Usage Metric: Tenant.
- 239.2. Maximum Block Size: No
- 239.3. Disaster Recovery Eligibility: N/A
- 239.4. RISE 99.9% SLA Eligibility: Yes
- 239.5. GxP Eligibility: N/A
- 239.6. System size based on usage tier.

| Usage tier | Size     | Database /Application | System Tier PROD | System Tier DEV  |
|------------|----------|-----------------------|------------------|------------------|
| 1 Tenant   | One Size | Dispatcher            | 1 x 64GiB memory | 1 x 32GiB memory |

**240. SAP ENGINEERING CONTROL CENTER INTERFACE TO AUTOCAD, PRIVATE CLOUD EDITION**

240.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

240.2. Disaster Recovery Eligibility: N/A

240.3. GxP Eligibility: N/A

240.4. RISE 99.9% SLA Eligibility: N/A

**241. SAP ENGINEERING CONTROL CENTER INTERFACE TO ECAD, PRIVATE CLOUD EDITION**

241.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

241.2. Disaster Recovery Eligibility: N/A

241.3. GxP Eligibility: N/A

241.4. RISE 99.9% SLA Eligibility: N/A

**242. SAP ENGINEERING CONTROL CENTER INTERFACE TO EPLAN, PRIVATE CLOUD EDITION**

242.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

242.2. Disaster Recovery Eligibility: N/A

242.3. GxP Eligibility: N/A

242.4. RISE 99.9% SLA Eligibility: N/A

**243. SAP ENGINEERING CONTROL CENTER INTERFACE TO INVENTOR, PRIVATE CLOUD EDITION**

243.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

243.2. Disaster Recovery Eligibility: N/A

243.3. GxP Eligibility: N/A

243.4. RISE 99.9% SLA Eligibility: N/A

**244. SAP ENGINEERING CONTROL CENTER INTERFACE TO NX, PRIVATE CLOUD EDITION**

244.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

244.2. Disaster Recovery Eligibility: N/A

244.3. GxP Eligibility: N/A

244.4. RISE 99.9% SLA Eligibility: N/A

**245. SAP ENGINEERING CONTROL CENTER INTERFACE TO SOLID EDGE, PRIVATE CLOUD EDITION**

245.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

245.2. Disaster Recovery Eligibility: N/A

245.3. GxP Eligibility: N/A

245.4. RISE 99.9% SLA Eligibility: N/A

**246. SAP ENGINEERING CONTROL CENTER INTERFACE TO SOLIDWORKS, PRIVATE CLOUD EDITION**

246.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

246.2. Disaster Recovery Eligibility: N/A

246.3. GxP Eligibility: N/A

246.4. RISE 99.9% SLA Eligibility: N/A

**247. SAP ENGINEERING CONTROL CENTER INTERFACE TO ZUKEN, PRIVATE CLOUD EDITION**

247.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

247.2. Disaster Recovery Eligibility: N/A

247.3. GxP Eligibility: N/A

247.4. RISE 99.9% SLA Eligibility: N/A

**248. SAP PRODUCT AND PROCESS GOVERNANCE BY BDF FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

248.1. Usage Metric: Active User Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

248.2. RISE 99.9% SLA Eligibility: N/A

**249. SAP ENGINEERING CONTROL CENTER INTERFACE TO CATIA V5, PRIVATE CLOUD EDITION**

249.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

249.2. Disaster Recovery Eligibility: N/A

249.3. GxP Eligibility: N/A

249.4. RISE 99.9% SLA Eligibility: N/A

**250. SAP ENGINEERING CONTROL CENTER INTERFACE TO PTC CREO, PRIVATE EDITION**

250.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

250.2. Disaster Recovery Eligibility: N/A

250.3. GxP Eligibility: N/A

250.4. RISE 99.9% SLA Eligibility: N/A

**251. SAP S/4HANA CLOUD SUPPLY CHAIN FOR SUPPLY & DEMAND SEGMENTATION, PRIVATE EDITION**

251.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

251.2. RISE 99.9% SLA Eligibility: N/A

251.3. Block Size: 20

251.4. Maximum Blocks: 150 blocks

**252. SAP S/4HANA CLOUD PRIVATE EDITION, PRODUCT LIFECYCLE MANAGEMENT, PROFESSIONAL USER.**

252.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

252.2. Disaster Recovery Eligibility: Yes

252.3. RISE 99.9% SLA Eligibility: Yes

252.4. GxP Eligibility: Yes

252.5. Additional Terms & Conditions: This Cloud Service includes on-premise components that need to be downloaded and installed by the Customer as described in Documentation. The System Availability Service Level does not apply to this component. Customer may only use the on-premise components during the Subscription Term. Use of SAP 3D Visual Enterprise Generator is limited to 1 core of usage.

**253. SAP S/4HANA CLOUD PRIVATE EDITION, PRODUCT LIFECYCLE MANAGEMENT, STANDARD USER.**

253.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

253.2. Disaster Recovery Eligibility: Yes

253.3. RISE 99.9% SLA Eligibility: Yes

253.4. GxP Eligibility: Yes

253.5. Additional Terms & Conditions: SAP S/4HANA Cloud Private Edition, product lifecycle management, standard user includes rights to:

- Participate in access control contexts
- Read specifications, RD recipes, labels, and planning scopes
- Define ad-hoc process route workflows
- Create, read, update, & delete change records for the end-to end change management process

**254. SAP ADVANCED PLANNING AND OPTIMIZATION, PRIVATE CLOUD EDITION.**

254.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

254.2. System Size based on Usage Tier.

| Usage tier  | Size | Database /Application             | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|---|------|-----------------------------------|---|---|---|
| SAP Advanced Planning and Optimization, private cloud edition (S) | S    | HANA DB with Integrated LiveCache | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|   |      | App Server                        | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
| SAP Advanced Planning and Optimization, private cloud edition (M) | M    | HANA DB with Integrated LiveCache | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|   |      | App Server                        | 2 x 64GiB memory                          | 2 x 64GiB memory                          | 1 x 32GiB memory                        |
| SAP Advanced Planning and Optimization, private cloud edition (L) | L    | HANA DB with Integrated LiveCache | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|   |      | App Server                        | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 2 x 64GiB memory                        |

254.3. This Cloud Service includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Optimizer Prod/NonProd (64GiB memory each, installed on dedicated servers)
- c. Common Transport Folder, 100GB of Storage is included for all transport files.
- d. SAP Data Services Agent Prod/NonProd (16GiB memory each, installed on dedicated servers, available on customers request) \*
- e. SAP Demand Planning (DP),
- f. SAP Global Available-to-Promise (gATP),
- g. SAP Production Planning and Detailed Scheduling (PP/DS),
- h. SAP Supply Network Planning (SNP),
- i. SAP Service Parts Planning (SPP).

\*Customer is required to obtain a subscription to the associated SAP cloud service separately to use the integration agent provided with SAP Advanced Planning and Optimization, private cloud edition.

**255. SAP ADVANCED PLANNING AND OPTIMIZATION, PRIVATE CLOUD EDITION, ADDITIONAL PRODUCTIVE TIER**

- 255.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 255.2. GxP Eligibility: N/A
- 255.3. System Size based on Usage Tier.

| Usage tier  | Size*** | Database /Application             | System Tier PROD                          |
|---|---------|-----------------------------------|---|
| SAP Advanced Planning and Optimization, private cloud edition, additional productive tier (S) | S       | HANA DB with Integrated LiveCache | 1 x 512GiB memory, 512GB usable storage   |
|   |         | App Server                        | 1 x 64GiB memory                          |
| SAP Advanced Planning and Optimization, private cloud edition, additional productive tier (M) | M       | HANA DB with Integrated LiveCache | 1 x 960GiB memory, 960GB usable storage   |
|   |         | App Server                        | 2 x 64GiB memory                          |
| SAP Advanced Planning and Optimization, private cloud edition, additional productive tier (L) | L       | HANA DB with Integrated LiveCache | 1 x 1922GiB memory, 1922GB usable storage |
|   |         | App Server                        | 2 x 128GiB memory                         |

\*\*\*The additional tier can only be subscribed with a service package which includes infrastructure and follows the same system size as SAP Advanced Planning and Optimization, private cloud edition.

- 255.4. This Cloud Service includes:
  - a. SAP WEB DISPATCHER Prod (8GiB memory, installed on dedicated server)
  - b. Optimizer Prod (64GiB memory, installed on dedicated server)
  - c. SAP Data Services Agent NonProd (16GiB memory, installed on dedicated server, available on customer request) \*\*
  - d. Use of the functional modules associated with the prerequisite SAP Advanced Planning and Optimization, private cloud edition (DP, gATP, PP/DS, SNP, SPP).

\*\*Customer is required to obtain a subscription to the associated SAP cloud service separately to use the integration agent provided with SAP Advanced Planning and Optimization, private cloud edition.

**256. SAP ADVANCED PLANNING AND OPTIMIZATION, PRIVATE CLOUD EDITION, ADDITIONAL NON-PRODUCTIVE TIER**

- 256.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 256.2. GxP Eligibility: N/A
- 256.3. System Size based on Usage Tier.

| Usage tier  | Size | Database /Application             | System Tier PROD                          |
|---|------|-----------------------------------|---|
| SAP Advanced Planning and Optimization, private cloud edition, additional non-productive tier (S) | S    | HANA DB with Integrated LiveCache | 1 x 512GiB memory, 512GB usable storage   |
|   |      | App Server                        | 1 x 64GiB memory                          |
| SAP Advanced Planning and Optimization, private cloud edition, additional non-productive tier (M) | M    | HANA DB with Integrated LiveCache | 1 x 960GiB memory, 960GB usable storage   |
|   |      | App Server                        | 2 x 64GiB memory                          |
| SAP Advanced Planning and Optimization, private cloud edition, additional non-productive tier (L) | L    | HANA DB with Integrated LiveCache | 1 x 1922GiB memory, 1922GB usable storage |
|   |      | App Server                        | 2 x 128GiB memory                         |

256.4. This Cloud Service includes:

- a. Optimizer NonProd (64GiB memory, installed on dedicated server)
- b. SAP Data Services Agent NonProd (16GiB memory, installed on dedicated server, available on customer request) \*\*
- c. Use of the functional modules associated with the prerequisite SAP Advanced Planning and Optimization, private cloud edition (DP, gATP, PP/DS, SNP, SPP).

\*\*Customer is required to obtain a subscription to the associated SAP cloud service separately to use the integration agent provided with SAP Advanced Planning and Optimization, private cloud edition.

**257. SAP MANUFACTURING INTEGRATION AND INTELLIGENCE FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

- 257.1. Usage Metric: Resource.
- 257.2. GxP Eligibility: N/A

**258. SAP CONTENT SERVER CLOUD, PRIVATE EDITION**

- 258.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 258.2. Disaster Recovery Eligibility: N/A for T-shirt XL and XXL.
- 258.3. GxP Eligibility: N/A.
- 258.4. RISE 99.9% SLA Eligibility: N/A
- 258.5. For DR the service have a reduced RTO of 12 Hours and RPO of 90 Min.
- 258.6. System Sizing:

| Size       | Database /Application         | System Tier PROD   | System Tier QAS  | System Tier DEV  |
|------------|-------------------------------|--|--|--|
| <b>S</b>   | <b>Content Server / MaxDB</b> | Usable DB Size<br>512GB<br>Server size:<br>1x32GiB memory  | Usable DB Size<br>512GB<br>Server size:<br>1x32GiB memory  | Usable DB Size<br>512GB<br>Server size:<br>1x32GiB memory  |
| <b>M</b>   | <b>Content Server / MaxDB</b> | Usable DB Size<br>1024GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>1024GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>1024GB<br>Server size:<br>1x64GiB memory |
| <b>L</b>   | <b>Content Server / MaxDB</b> | Usable DB Size<br>2048GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>2048GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>2048GB<br>Server size:<br>1x64GiB memory |
| <b>XL</b>  | <b>Content Server / MaxDB</b> | Usable DB Size<br>4096GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>4096GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>4096GB<br>Server size:<br>1x64GiB memory |
| <b>XXL</b> | <b>Content Server / MaxDB</b> | Usable DB Size<br>6144GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>6144GB<br>Server size:<br>1x64GiB memory | Usable DB Size<br>6144GB<br>Server size:<br>1x64GiB memory |

**259. SAP IAAS SERVER WINDOWS CLOUD, PRIVATE EDITION**

- 259.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 259.2. Disaster Recovery Eligibility: N/A.
- 259.3. GxP Eligibility: N/A.
- 259.4. RISE 99.9% SLA Eligibility: N/A
- 259.5. Sizing:

| Size         | Database /Application | System Size    |
|--------------|-----------------------|----------------|
| <b>32GiB</b> | <b>IAAS Server</b>    | 1x32GiB memory |
| <b>64GiB</b> | <b>IAAS Server</b>    | 1x64GiB memory |

|               |                    |                 |
|---------------|--------------------|-----------------|
| <b>128GiB</b> | <b>IAAS Server</b> | 1x128GiB memory |
|---------------|--------------------|-----------------|

**260. SAP IAAS SERVER LINUX CLOUD, PRIVATE EDITION**

- 260.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 260.2. Disaster Recovery Eligibility: N/A.
- 260.3. GxP Eligibility: N/A.
- 260.4. RISE 99.9% SLA Eligibility: N/A
- 260.5. Sizing:

| <b>Size</b>   | <b>Database /Application</b> | <b>System Size</b> |
|---------------|------------------------------|--------------------|
| <b>32GiB</b>  | <b>IAAS Server</b>           | 1x32GiB memory     |
| <b>64GiB</b>  | <b>IAAS Server</b>           | 1x64GiB memory     |
| <b>128GiB</b> | <b>IAAS Server</b>           | 1x128GiB memory    |

**261. SAP LANDSCAPE TRANSFORMATION REPLICATION SERVER FOR SAP S/4HANA CLOUD PRIVATE EDITION**

- 261.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 261.2. GxP Eligibility: N/A.
- 261.3. System size

| <b>Size</b> | <b>Database /Application</b> | <b>System Tier PRD</b>                  | <b>System Tier QAS</b>                  | <b>System Tier DEV</b>                  |
|-------------|------------------------------|---|---|---|
| One Size    | <b>HANA DB</b>               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|             | <b>App Server</b>            | 1 x 128GiB memory                       | 1 x 128GiB memory                       | 1 x 32GiB memory                        |

- 261.4. Additional Terms and Conditions
  - a. SDK usage rights are not included.
- 261.5. This package is provisioned on SAP S/4HANA Foundation.

**262. SAP S/4HANA CLOUD FOR MEAT AND FISH MANAGEMENT BY MSG, PRIVATE EDITION**

- 262.1. Usage Metric: Ton. For this Cloud Service, the total aggregated weight of meat and fish that are processed through livestock operations, procurement, and production is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 262.2. RISE 99.9% SLA Eligibility: N/A
- 262.3. Block size: 300

**263. SAP S/4HANA CLOUD FOR DAIRY MANAGEMENT BY MSG, PRIVATE EDITION**

- 263.1. Usage Metric: Ton. For this Cloud Service, total aggregated weight of milk and dairy raw materials processed through planning, production and controlling is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 263.2. RISE 99.9% SLA Eligibility: N/A
- 263.3. Block size: 1,200

**264. SAP S/4HANA CLOUD FOR LIVESTOCK PROCUREMENT, PRIVATE EDITION**

- 264.1. Usage Metric: Ton. For this Cloud Service, the live weight is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 264.2. Block size: 300
- 264.3. Includes the following Runtime Software: SAP Agricultural Contract Management for S/4HANA.

**265. SAP CONVERGENT MEDIATION BY DIGITALROUTE CLOUD, PRIVATE EDITION**

- 265.1. Usage Metric: Revenue and Expense. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 265.2. Block size: €50 million (converted to local currency using SAP standard exchange rates).
- 265.3. GxP Eligibility: N/A.
- 265.4. RISE 99.9% SLA Eligibility: N/A
- 265.5. System size based on usage tier.

| Usage tier   | Size | Database /Application | System Tier PROD                           | System Tier QAS                            | System Tier DEV                            |
|--|------|-----------------------|--|--|--|
| up to 10 blocks of €50 million of Revenues & Expenses  | XS*  | HANA DB               | 1 x 128GiB memory,<br>128GB usable storage | No QAS system delivered                    | 1 x 128GiB memory,<br>128GB usable storage |
|  |      | APP Server            | 1 x 16GiB memory<br>1 x 32GiB memory       | No QAS system delivered                    | 1 x 32GiB memory                           |
| up to 30 blocks of €50 million of Revenues & Expenses  | S    | HANA DB               | 1 x 128GiB memory,<br>128GB usable storage | 1 x 128GiB memory,<br>128GB usable storage | 1 x 128GiB memory,<br>128GB usable storage |
| up to 60 blocks of €50 million of Revenues & Expenses  |      |                       |  |  |  |
| up to 120 blocks of €50 million of Revenues & Expenses |      | APP Server            | 1 x 16GiB memory<br>1 x 32GiB memory       | 1 x 16GiB memory<br>1 x 32GiB memory       | 1 x 32GiB memory                           |
| above 120 blocks of €50 million of Revenues & Expenses |      |                       |  |  |  |

This package includes HANA Runtime.

\* For XS only 2 System Tiers provided (combined QA and DEV System Tier)

**266. SAP CONVERGENT MEDIATION BY DIGITALROUTE CLOUD, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

- 266.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 266.2. GxP Eligibility: N/A
- 266.3. RISE 99.9% SLA Eligibility: N/A
- 266.4. System size based on usage tier.

| Size      | Database /Application   | System Tier PROD                           |
|-----------|-------------------------|--|
| <b>S</b>  | <b>HANA DB</b>          | 1 x 128GiB memory,<br>128GB usable storage |
|           | <b>APP Server</b>       | 1 x 16GiB memory<br>2 x 32GiB memory       |
|           | <b>Apache Webserver</b> | 1 x 8GiB memory                            |
| <b>M</b>  | <b>HANA DB</b>          | 1 x 256GiB memory,<br>256GB usable storage |
|           | <b>APP Server</b>       | 1 x 16GiB memory<br>2 x 64GiB memory       |
|           | <b>Apache Webserver</b> | 1 x 8GiB memory                            |
| <b>L</b>  | <b>HANA DB</b>          | 1 x 512GiB memory,<br>512GB usable storage |
|           | <b>APP Server</b>       | 1 x 16GiB memory<br>3 x 64GiB memory       |
|           | <b>Apache Webserver</b> | 1 x 8GiB memory                            |
| <b>XL</b> | <b>HANA DB</b>          | 1 x 960GiB memory,<br>960GB usable storage |
|           | <b>APP Server</b>       | 1 x 16GiB memory<br>4 x 64GiB memory       |
|           | <b>Apache Webserver</b> | 1 x 8GiB memory                            |

**267. SAP CONVERGENT MEDIATION BY DIGITALROUTE CLOUD, ADDITIONAL NON PRODUCTIVE TIER, PRIVATE EDITION**

- 267.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 267.2. Disaster Recovery Eligibility: N/A
- 267.3. GxP Eligibility: N/A
- 267.4. RISE 99.9% SLA Eligibility: N/A
- 267.5. System size based on usage tier.

| Size | Database /Application | System Tier NonPROD |
|------|-----------------------|---------------------|
|------|-----------------------|---------------------|

|           |                   |  |
|-----------|-------------------|--|
| <b>S</b>  | <b>HANA DB</b>    | 1 x 128GiB memory,<br>128GB usable storage |
|           | <b>APP Server</b> | 1 x 16GiB memory<br>1 x 32GiB memory       |
| <b>M</b>  | <b>HANA DB</b>    | 1 x 256GiB memory,<br>256GB usable storage |
|           | <b>APP Server</b> | 1 x 16GiB memory<br>1 x 64GiB memory       |
| <b>L</b>  | <b>HANA DB</b>    | 1 x 512GiB memory,<br>512GB usable storage |
|           | <b>APP Server</b> | 1 x 16GiB memory<br>1 x 64GiB memory       |
| <b>XL</b> | <b>HANA DB</b>    | 1 x 960GiB memory,<br>960GB usable storage |
|           | <b>APP Server</b> | 1 x 16GiB memory<br>2 x 64GiB memory       |

## 268.

### PLM system integration, add-on for Windchill

- 268.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 268.2. Disaster Recovery Eligibility: N/A
- 268.3. GxP Eligibility: N/A
- 268.4. RISE 99.9% SLA Eligibility: N/A

## 269.

### PLM system integration, add-on for 3DEXPERIENCE

- 269.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 269.2. Disaster Recovery Eligibility: N/A
- 269.3. GxP Eligibility: N/A
- 269.4. RISE 99.9% SLA Eligibility: N/A

## **270. PLM SYSTEM INTEGRATION, ADD-ON FOR AUTODESK VAULT**

- 270.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 270.2. Disaster Recovery Eligibility: Yes
- 270.3. GxP Eligibility: Yes
- 270.4. RISE 99.9% SLA Eligibility: Yes

270.5.

**271. SAP INFORMATION LIFECYCLE MANAGEMENT, PRIVATE CLOUD EDITION**

271.1. Usage Metric: Connection. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

271.2. RISE 99.9% SLA Eligibility: N/A

271.3. System size based on usage tier.

| Usage tier           | Size | Database /Application | System Tier PROD                        | System Tier DEV                         |
|----------------------|------|-----------------------|---|---|
| up to 5 Connections) | S    | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
| up to 20 Connections |      | App Server            | 1 x 32GiB memory                        | 1 x 32GiB memory                        |
| up to 30 Connections | L    | HANA DB               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage |
| above 30 block size  |      | App Server            | 1 x 64GiB memory                        | 1 x 64GiB memory                        |

271.4. This Cloud Service includes:

- a. Common Transport Folder, 100GB of Storage is included for all transport files.

**PROCUREMENT**

**272. SAP S/4HANA CLOUD FOR CENTRAL PROCUREMENT, PRIVATE EDITION**

272.1. Usage Metric: Spend. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

272.2. Block size: €1 million (converted to local currency using SAP standard exchange rates).

**273. SAP S/4HANA CLOUD FOR PRODUCT SOURCING, PRIVATE EDITION**

273.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

273.2. RISE 99.9% SLA Eligibility: N/A

**274. SAP CENTRAL PROCUREMENT, PRIVATE CLOUD EDITION**

274.1. Usage Metric: Spend. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

274.2. Block size: €100 million (converted to local currency using SAP standard exchange rates).

274.3. System size based on usage tier.

| Usage tier      | Size | Database /Application | System Tier PROD                        | System Tier QAS          | System Tier DEV                         |
|-----------------|------|-----------------------|---|--------------------------|---|
| Up to 25 blocks | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage | No QAS system delivered. | 1 x 256GiB memory, 256GB usable storage |

|                                 |           |                   |   |  |   |
|---------------------------------|-----------|-------------------|---|--|---|
|                                 |           | <b>APP Server</b> | 1 x 64GiB memory                                |  | 1 x 64GiB memory                              |
| <b>Up to 70 blocks</b>          | <b>XS</b> | <b>HANA DB</b>    | 1 x 128GiB memory,<br>128GB usable<br>storage   | 1 x 128GiB memory,<br>128GB usable<br>storage  | 1 x 128GiB memory,<br>128GB usable<br>storage |
|                                 |           | <b>APP Server</b> | 1 x 64GiB memory                                |  | 1 x 64GiB memory                              |
| <b>Up to 240 blocks</b>         | <b>S</b>  | <b>HANA DB</b>    | 1 x 512GiB memory,<br>512GB usable<br>storage   | 1 x 512GiB memory,<br>512GB usable<br>storage  | 1 x 256GiB memory,<br>256GB usable<br>storage |
|                                 |           | <b>APP Server</b> | 1 x 64GiB memory                                | 1 x 64GiB memory                               | 1 x 32GiB memory                              |
| <b>Up to 550 blocks</b>         | <b>M</b>  | <b>HANA DB</b>    | 1 x 960GiB memory,<br>960GB usable<br>storage   | 1 x960GiB memory,<br>960GB usable<br>storage   | 1 x 256GiB memory,<br>256GB usable<br>storage |
|                                 |           | <b>APP Server</b> | 2 x 64GiB memory                                | 2 x 64GiB memory                               | 1 x 32GiB memory                              |
| <b>More than 550<br/>Blocks</b> | <b>L</b>  | <b>HANA DB</b>    | 1 x 1922GiB memory,<br>1922GB usable<br>storage | 1 x1922GiB memory,<br>1922GB usable<br>storage | 1 x 512GiB memory,<br>512GB usable<br>storage |
|                                 |           | <b>APP Server</b> | 2 x 128GiB memory                               | 2 x 128GiB memory                              | 2 x 64GiB memory                              |

274.4. Business Partners of Customer accessing SAP Central Procurement solutions solely to manage centralized procurement functions viz. Central Requesting, Central Purchasing, Central Contract Processing, Central Purchase Analytics and Central Sourcing do not require an FUE license.

274.5. This package includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.
- c. HANA Runtime and Central Procurement

### HUMAN EXPERIENCE MANAGEMENT

#### 275. SAP PAYROLL PROCESSING, PRIVATE CLOUD EDITION, EXTRA STACK

275.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

275.2. System size based on usage tier.

| Usage tier  | Size      | Database /Application | System Tier PROD                              | System Tier QAS                               | System Tier DEV                               |
|---|-----------|-----------------------|---|---|---|
| <b>up to 2000 users</b>                                 | <b>XS</b> | <b>HANA DB</b>        | 1 x 256GiB memory,<br>256GB usable<br>storage | 1 x 256GiB memory,<br>256GB usable<br>storage | 1 x 256GiB memory,<br>256GB usable<br>storage |
|   |           | <b>APP Server</b>     | 1 x 64GiB memory                              | 1 x 64GiB memory                              | 1 x 32GiB memory                              |
| <b>up to 5000 users</b><br><b>up to 10000<br/>users</b> | <b>S</b>  | <b>HANA DB</b>        | 1 x 512GiB memory,<br>512GB usable<br>storage | 1 x 512GiB memory,<br>512GB usable<br>storage | 1 x 256GiB memory,<br>256GB usable<br>storage |
|   |           | <b>APP Server</b>     | 1 x 64GiB memory                              | 1 x 64GiB memory                              | 1 x 32GiB memory                              |

|  |            |                   |   |   |   |
|--|------------|-------------------|---|---|---|
| <b>Up to 15000 users</b>                             | <b>M</b>   | <b>HANA DB</b>    | 1 x 960GiB memory, 960GB usable storage     | 1 x960GiB memory, 960GB usable storage      | 1 x 256GiB memory, 256GB usable storage |
|  |            | <b>APP Server</b> | 1 x 64GiB memory                            | 1 x 64GiB memory                            | 1 x 32GiB memory                        |
| <b>Up to 25000 users</b>                             |            |                   |   |   |   |
| <b>up to 50000 users</b><br><b>up to 75000 users</b> | <b>L</b>   | <b>HANA DB</b>    | 1 x 1922GiB memory, 1922GB usable storage   | 1 x1922GiB memory, 1922GB usable storage    | 1 x 512GiB memory, 512GB usable storage |
|  |            | <b>APP Server</b> | 1 x 64GiB memory                            | 1 x 64GiB memory                            | 1 x 32GiB memory                        |
| <b>up to 100000 users</b>                            | <b>XL</b>  | <b>HANA DB</b>    | 1 x 3844GiB memory, 3844GB usable storage   | 1 x 3844GiB memory, 3844GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|  |            | <b>APP Server</b> | 1 x 64GiB memory                            | 1 x 64GiB memory                            | 1 x 32GiB memory                        |
| <b>up to 200000 users</b>                            | <b>XXL</b> | <b>HANA DB</b>    | 1 x 5700GiB memory, 5700GB usable storage   | 1 x 5700GiB memory, 5700GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|  |            | <b>APP Server</b> | 2 x 64GiB memory                            | 2 x 64GiB memory                            | 1 x 32GiB memory                        |
| <b>above 200000 users</b>                            | <b>4XL</b> | <b>HANA DB</b>    | 1 x 11400GiB memory, 11400GB usable storage | 1 x 11400GiB memory, 11400GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|  |            | <b>APP Server</b> | 2 x 128GiB memory                           | 2 x 128GiB memory                           | 1 x 32GiB memory                        |

275.3. An active subscription or license to an equivalent number of Users of SAP S/4HANA Core HCM or SAP SuccessFactors Employee Central is a prerequisite for this Cloud Service. If such prerequisite is satisfied by an active subscription to SAP SuccessFactors Employee Central, then during the Subscription Term, Customer may use the enhanced master data and configuration functionality within SAP S/4HANA Core HCM for the sole purpose of processing payroll and completing related local country regulatory compliance transactions that cannot be completed by SAP SuccessFactors Employee Central (“Limited Core HCM Functionality”). Any use of SAP S/4HANA Core HCM beyond the Limited Core HCM Functionality, including but not limited to use of Organization and Position Management, Benefits Management, Work Schedule Management, and Absence Management, requires a separate license or subscription to SAP S/4HANA Core HCM.

- 275.4. This package includes:
- a. SAP HANA Runtime. RISE with SAP S/4HANA Cloud, private edition is included with a subscription to SAP Payroll Processing, private cloud edition, extra stack and may only be used in conjunction with this Cloud Service.
  - b. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
  - c. Common Transport Folder, 100GB of Storage is included for all transport files.
  - d. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory each, installed on dedicated servers). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.
  - e. SAP Analytics Cloud Agent Prod/Nonprod (16GiB memory each, installed on Dedicated servers, available on customer request).
  - f. SAP DATA PROVISIONING AGENT Prod/NonProd (16GiB memory each, installed on dedicated servers, available on customer request).

- g. SAP Data Services Agent ProdNonProd (16GiB memory each, installed on dedicated servers, available on customer request).

**276. SAP PAYROLL PROCESSING, PRIVATE CLOUD EDITION**

- 276.1. Usage Metric: User. For this Cloud Service, an individual with a unique active profile and whose data is processed by the Cloud Service is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 276.2. An active subscription or license to an equivalent number of Users of SAP S/4HANA Core HCM or SAP SuccessFactors Employee Central is a prerequisite for this Cloud Service. If such prerequisite is satisfied by an active subscription to SAP SuccessFactors Employee Central, then during the Subscription Term, Customer may use the enhanced master data and configuration functionality within SAP S/4HANA Core HCM for the sole purpose of processing payroll and completing related local country regulatory compliance transactions that cannot be completed by SAP SuccessFactors Employee Central (“Limited Core HCM Functionality”). Any use of SAP S/4HANA Core HCM beyond the Limited Core HCM Functionality, including but not limited to use of Organization and Position Management, Benefits Management, Work Schedule Management, and Absence Management, requires a separate license or subscription to SAP S/4HANA Core HCM.

**277. SAP CORE HUMAN CAPITAL MANAGEMENT CLOUD, PRIVATE EDITION**

- 277.1. Usage Metric: User. For this Cloud Service, an individual with a unique active profile and whose data is processed by the Cloud Service is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**278. SAP TIME TRACKING CLOUD, PRIVATE EDITION**

- 278.1. Usage Metric: User. For this Cloud Service, an individual with a unique active profile and whose data is processed by the Cloud Service is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

**Enterprise Information Management**

**279. SAP S/4HANA CLOUD FOR MASTER DATA GOVERNANCE CLOUD, PRIVATE EDITION**

- 279.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 279.2. Block size: 5,000.

**280. SAP S/4HANA CLOUD FOR MASTER DATA GOVERNANCE CLOUD, PRIVATE EDITION, EXTRA STACK**

- 280.1. Usage Metric: Objects. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 280.2. Block size: 5,000.
- 280.3. System size based on usage tier.

| Usage tier                           | Size | Database /Application | System Tier PROD                        | System Tier QAS                         | System Tier DEV                         |
|--------------------------------------|------|-----------------------|---|---|---|
| Up to 100 blocks                     | XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                                      |      | APP Server            | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |
| Up to 250 blocks<br>Up to 400 blocks | S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                                      |      | APP Server            | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |

|                              |          |                   |   |  |   |
|------------------------------|----------|-------------------|---|--|---|
| <b>Up to 1000 blocks</b>     | <b>M</b> | <b>HANA DB</b>    | 1 x 960GiB memory,<br>960GB usable<br>storage   | 1 x960GiB memory,<br>960GB usable<br>storage   | 1 x 256GiB memory,<br>256GB usable<br>storage |
|                              |          | <b>APP Server</b> | 2 x 64GiB memory                                | 2 x 64GiB memory                               | 1 x 32GiB memory                              |
| <b>More than 1000 blocks</b> | <b>L</b> | <b>HANA DB</b>    | 1 x 1922GiB memory,<br>1922GB usable<br>storage | 1 x1922GiB memory,<br>1922GB usable<br>storage | 1 x 512GiB memory,<br>512GB usable<br>storage |
|                              |          | <b>APP Server</b> | 2 x 128GiB memory                               | 2 x 128GiB memory                              | 2 x 64GiB memory                              |

280.4. This package includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.
- c. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory each, installed on dedicated servers). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.

**281. SAP S/4HANA CLOUD FOR INVOICE MANAGEMENT BY OPENTEXT, PRIVATE EDITION**

281.1. Usage Metric: Document. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

281.2. RISE 99.9% SLA Eligibility: N/A

281.3. Block size: 1,000.

**282. SAP MASTER DATA GOVERNANCE APPLICATION, ENTERPRISE ASSET MANAGEMENT EXTENSION BY UTOPIA FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

282.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

282.2. RISE 99.9% SLA Eligibility: N/A

282.3. Block size: 5,000.

**283. SAP MASTER DATA GOVERNANCE, RETAIL AND FASHION MGMT EXT. BY UTOPIA ON SAP S/4HANA CLOUD, PRIVATE EDITION**

283.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

283.2. RISE 99.9% SLA Eligibility: N/A

283.3. Block size: 5,000.

**284. SAP ASSET INFORMATION WORKBENCH BY UTOPIA FOR S/4HANA CLOUD, PRIVATE EDITION**

284.1. Usage Metric: Object. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

284.2. RISE 99.9% SLA Eligibility: N/A

284.3. Block size: 5,000.

**285. SAP DATA SERVICES ENTERPRISE, PRIVATE CLOUD EDITION**

285.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

285.2. RISE 99.9% SLA Eligibility: N/A

285.3. GxP Eligibility: Yes

285.4. System size based on usage tier.

| Usage tier | Size | Database /Application | System Tier PROD  | System Tier QAS   | System Tier DEV   |
|------------|------|-----------------------|---|---|---|
| 8 cores    | S    | ASE DB                | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|            |      | Web Tier              | 1 x 32GiB memory  | 1 x 32GiB memory  | 1 x 32GiB memory  |
| 16 cores   | M    | ASE DB                | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|            |      | Web Tier              | 1 x 64GiB memory  | 1 x 64GiB memory  | 1 x 32GiB memory  |
| 32 cores   | L    | ASE DB                | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>500GB<br>Server size:<br>1 x 64GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|            |      | Web Tier              | 1 x 128GiB memory   | 1 x 128GiB memory   | 1 x 32GiB memory  |

**286. SAP DATA SERVICES ENTERPRISE, ADDITIONAL NON-PRODUCTIVE, PRIVATE EDITION**

286.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

286.2. Disaster Recovery Eligibility: N/A.

286.3. GxP Eligibility: N/A.

286.4. RISE 99.9% SLA Eligibility: N/A

286.5. System size based on usage tier.

| Usage tier | Size | Database /Application | System Tier NonPROD                                      |
|------------|------|-----------------------|--|
| 8 cores    | S    | ASE DB                | Usable DB Size 500GB<br>Server size:<br>1 x 64GiB memory |
|            |      | Web Tier              | 1 x 32GiB memory   |
| 16 cores   | M    | ASE DB                | Usable DB Size 500GB<br>Server size:<br>1 x 64GiB memory |
|            |      | Web Tier              | 1 x 64GiB memory   |

|                 |          |                 |  |
|-----------------|----------|-----------------|--|
| <b>32 cores</b> | <b>L</b> | <b>ASE DB</b>   | Usable DB Size 500GB<br>Server size:<br>1 x 64GiB memory |
|                 |          | <b>Web Tier</b> | 1 x 128GiB memory  |

**287. SAP S/4HANA CLOUD FOR ASSET MANAGEMENT FOR RESOURCE SCHEDULING, PRIVATE CLOUD EDITION (WITH MRS USAGE RIGHTS)**

287.1. Usage Metric: Resource. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

287.2. RISE 99.9% SLA Eligibility: N/A

**288. SAP POWERDESIGNER ENTREPREISEARCHITECT, PRIVATE CLOUD EDITION**

288.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

288.2. Maximum Blocks: 400 Blocks.

288.3. RISE 99.9% SLA Eligibility: N/A

288.4. GxP Eligibility: N/A.

288.5. System size based on usage tier.

| Usage tier              | Size     | Database /Application | System Tier PROD   | System Tier QAS  | System Tier DEV  |
|-------------------------|----------|-----------------------|--|--|--|
| <b>up to 100 Users</b>  | <b>S</b> | <b>ASE DB</b>         | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 300GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|                         |          | <b>App Server</b>     | 1 x 16GiB memory<br>1 x 32GiB memory                     | 1 x 16GiB memory<br>1 x 32GiB memory                     | 1 x 16GiB memory<br>1 x 32GiB memory                     |
| <b>101 to 250 Users</b> | <b>M</b> | <b>ASE DB</b>         | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|                         |          | <b>App Server</b>     | 1 x 32GiB memory<br>1 x 32GiB memory                     | 1 x 32GiB memory<br>1 x 32GiB memory                     | 1 x 16GiB memory<br>1 x 32GiB memory                     |
| <b>Above 250 Users</b>  | <b>L</b> | <b>ASE DB</b>         | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 500GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size 100GB<br>Server size:<br>1 x 32GiB memory |
|                         |          | <b>App Server</b>     | 1 x 64GiB memory<br>1 x 32GiB memory                     | 1 x 64GiB memory<br>1 x 32GiB memory                     | 1 x 32GiB memory<br>1 x 32GiB memory                     |

288.6. This package includes:

- a. Admin server NonProd (8GiB memory)

**289. SAP CODE VULNERABILITY ANALYZER, PRIVATE CLOUD EDITION**

- 289.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 289.2. Disaster Recovery Eligibility: N/A.
- 289.3. GxP Eligibility: N/A.
- 289.4. RISE 99.9% SLA Eligibility: N/A

**EDUCATION**

**290. SAP ENABLE NOW, PRIVATE CLOUD EDITION**

- 290.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 290.2. GxP Eligibility: N/A
- 290.3. System size based on usage tier.

| Usage tier              | Size | Database /Application | System Tier PROD                        | System Tier NonProd                     |
|-------------------------|------|-----------------------|---|---|
| Up to 120000 blocks     | S    | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                         |      | App Server            | 1 x 16GiB memory                        | 1 x 16GiB memory                        |
| Up to 200000 blocks     | M    | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                         |      | App Server            | 1 x 32GiB memory                        | 1 x 32GiB memory                        |
| More than 200000 blocks | L    | HANA DB               | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                         |      | App Server            | 1 x 64GiB memory                        | 1 x 64GiB memory                        |

290.4. This package includes:

Common Transport Folder, 100GB of Storage is included for all transport files.

SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)

**OIL AND GAS**

**291. SAP S/4HANA CLOUD FOR OIL AND GAS HYDROCARBON MANAGEMENT, PRIVATE EDITION**

- 291.1. Usage Metric: Ton. For this Cloud Service, tons per day of hydrocarbos and other bulk materials from both conventional and unconventional sources produced, scheduled, shipped, or sold are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a daily entitlement.
- 291.2. Block size: 1,000.
- 291.3. Minimum Blocks: 2

**292. SAP S/4HANA CLOUD FOR OIL AND GAS HYDROCARBON SUPPLY AND PRIMARY DISTRIBUTION, PRIVATE EDITION**

- 292.1. Usage Metric: Ton. For this Cloud Service, tons per day of hydrocarbos and other bulk materials from both conventional and unconventional sources produced, scheduled, shipped, or sold are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a daily entitlement.

292.2. Block size: 1,000.

292.3. Minimum Blocks: 1

**293. SAP S/4HANA CLOUD FOR OIL AND GAS UPSTREAM CONTRACTS MANAGEMENT, PRIVATE EDITION**

293.1. Usage Metric: Spend. For this Cloud Service, tons are tons/day produced, scheduled, shipped or sold quantities of hydrocarbons and other bulk materials from both conventional and unconventional sources are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

293.2. Block size: 37,500,000

293.3. Minimum Blocks: 1

**294. SAP S/4HANA CLOUD FOR OIL AND GAS UPSTREAM HYDROCARBON ACCOUNTING AND MANAGEMENT, PRIVATE EDITION**

294.1. Usage Metric: Ton. The Usage Metric entitlement in the Order Form depletes with usage and is based on For this Cloud Service, tons per day for hydrocarbons and other bulk materials from both conventional and unconventional sources produced and settled are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a daily entitlement.

294.2. Block size: 1,000.

294.3. Minimum Blocks: 1 Block.

**295. SAP S/4HANA CLOUD FOR OIL AND GAS SECONDARY DISTRIBUTION MANAGEMENT, PRIVATE EDITION**

295.1. Usage Metric: Ton. For this Cloud Service, tons per day of hydrocarbos and other bulk materials from both conventional and unconventional sources produced, scheduled, shipped, or sold are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a daily entitlement.

295.2. RISE 99.9% SLA Eligibility: N/A

295.3. Block size: 1,000.

**296. SAP S/4HANA CLOUD FOR OIL AND GAS RETAIL FUEL NETWORK OPERATIONS, PRIVATE EDITION**

296.1. Usage Metric: Ton. For this Cloud Service, tons per day of hydrocarbos and other bulk materials from both conventional and unconventional sources produced, scheduled, shipped, or sold are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a daily entitlement.

296.2. RISE 99.9% SLA Eligibility: N/A

296.3. Block size: 1,000.

296.4. Maximum Blocks: 340

**297. SAP S/4HANA CLOUD FOR FIELD EQUIPMENT AND MATERIAL LOGISTICS PLANNING AND EXECUTION, PRIVATE EDITION**

297.1. Usage Metric: Transaction is any message, job, action, response, and/or task processed via the Cloud Service. For this Cloud Service, field equipment and material supply and return transactions are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

297.2. Block Size: 10,000

297.3. Minimum Block Size: 25 Blocks.

297.4. Maximum Blocks: 1400

## INSURANCE

### **298. SAP S/4HANA CLOUD FOR REINSURANCE ASSUMED RISKS, PRIVATE EDITION, INSURANCE OPTION**

- 298.1. Usage Metric: Revenue. For this Cloud Service, premiums are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 298.2. RISE 99.9% SLA Eligibility: N/A
- 298.3. Block size: €1 million (converted to local currency using SAP standard exchange rates).
- 298.4. Additional Terms and Conditions: This Cloud Service provides usage rights to administer reinsurance contracts, process reinsurance claims, and apply technical reinsurance accounting and reinsurance statistics, such as ACORD Standards for Data Exchange, for the following lines of business: (1) Property and Casualty, and (2) Life and Health.

### **299. SAP S/4HANA CLOUD FOR REINSURANCE CEDED RISKS, PRIVATE EDITION, INSURANCE OPTION**

- 299.1. Usage Metric: Revenue. For this Cloud Service, premiums are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 299.2. RISE 99.9% Eligibility: N/A
- 299.3. Block size: €1 million (converted to local currency using SAP standard exchange rates).
- 299.4. Additional Terms and Conditions: This Cloud Service provides usage rights to administer reinsurance contracts, process reinsurance claims, and apply technical reinsurance accounting and reinsurance statistics for the following lines of business: (1) Property and Casualty, and (2) Life and Health.

### **300. SAP S/4HANA CLOUD FOR INSURANCE COLLECTIONS AND DISBURSEMENTS FOR REINSURANCE, PRIVATE EDITION**

- 300.1. Usage Metric: Revenue. For this Cloud Service, premiums are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 300.2. Block size: €1 million (converted to local currency using SAP standard exchange rates).
- 300.3. Additional Terms and Conditions: The usage is restricted to the context of reinsurance management.

## AUTOMOTIVE

### **301. S/4HANA CLOUD FOR VEHICLE SALES MANAGEMENT, PRIVATE EDITION**

- 301.1. Usage Metric: Object. For this Cloud Service, the total number of vehicles and finished goods is counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 301.2. For this Cloud Service the annual total number of vehicles and finished goods is counted.
- 301.3. Block size: 10,000.

## LIFE SCIENCES

### **302. SAP S/4HANA CLOUD, GXP, PRIVATE EDITION**

- 302.1. Usage Metric: % of Net Recurring Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 302.2. Disaster Recovery Eligibility: N/A
- 302.3. GxP Eligibility: N/A
- 302.4. RISE 99.9% SLA Eligibility: N/A
- 302.5. Additional Terms and Conditions
- 302.5. The GxP service is provided for the SAP S/4HANA Cloud for enterprise management, private edition system and any other Customer subscribed packages which are installed on the same system, GxP service is also provided for

SAP Solution Manager for SAP S/4HANA Cloud, private edition, full version, SAP Global Trade Services, edition for HANA, private cloud edition, SAP Process Orchestration Cloud, private edition.

302.5. Details of the services are described in the GxP Qualification Service addendum attached to the Customer's Order Form.

302.5. For XS, S, M, L, XL systems: GxP relevant tiers are the QAS and the PRD tier.

**303. SAP BW/4HANA CLOUD, GXP, PRIVATE EDITION**

303.1. Usage Metric: % of Net Recurring Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

303.2. Disaster Recovery Eligibility: N/A.

303.3. GxP Eligibility: N/A.

303.4. RISE 99.9% SLA Eligibility: N/A

303.5. Additional Terms and Conditions

303.5. The GxP service is provided for the BW/4HANA Cloud, base package, private edition system and any other Customer subscribed packages which are installed on the same system. Details of the service are specified in the GxP Qualification Service addendum attached to the customer's Order Form.

303.5. GxP relevant tiers are the DEV and the PRD tier.

**304. SAP ADVANCED TRACK AND TRACE FOR PHARMACEUTICALS ON SAP S/4HANA CLOUD, PRIVATE EDITION**

304.1. Usage Metric: Object. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

304.2. Block size: 12 million

304.3. System size based on usage tier:

| Usage tier       | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|------------------|------|-----------------------|---|---|---|
| Up to 10 blocks  | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | APP Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 64GiB memory                        |
| Up to 25 blocks  | XS   | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | APP Server            | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 64GiB memory                        |
| Up to 50 blocks  | S    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                  |      | APP Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |
| Up to 100 blocks | M    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                  |      | APP Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |
| Up to 150 blocks | L    | HANA DB               | 1 x 2850GiB memory, 2850GB usable storage | 1 x 2850GiB memory, 2850GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                  |      | APP Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |

|                             |           |                   |   |   |   |
|-----------------------------|-----------|-------------------|---|---|---|
| <b>More than 150 blocks</b> | <b>XL</b> | <b>HANA DB</b>    | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                             |           | <b>APP Server</b> | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |

304.4. This package includes:

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.
- c. SAP CLOUD CONNECTOR Prod/NonProd (8GiB memory each, installed on dedicated servers). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.

304.5. This Cloud Service is limited to the following language versions:

Available log-on languages: Arabic, Bulgarian, Chinese, Danish, English, French, German, Hungarian, Japanese, Korean, Portuguese, Russian, Spanish, Turkish

Available Documentation language: English

The includes all the country packages for USA, Argentina, China, Turkey, South Korea, India, European Union and Russia.

#### **UTILITIES**

#### **305. SAP S/4HANA CLOUD FOR MARKET PROCESS MANAGEMENT FOR UTILITIES, PRIVATE EDITION**

305.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

305.2. RISE 99.9% SLA Eligibility: N/A

305.3. Block size: 1,000.

305.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German

Available Documentation languages: English, German

To report support incidents please use message component: XX-PROJ-CDP-578.

#### **306. SAP S/4HANA CLOUD FOR EEG BILLING OF GERMAN ELECTRICITY, PRIVATE EDITION**

306.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

306.2. RISE 99.9% SLA Eligibility: N/A

306.3. Block size: 1,000.

306.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German

Available Documentation language: German.

#### **307. SAP S/4HANA CLOUD FOR INTELLIGENT METERING OF GERMAN ENERGY, PRIVATE EDITION**

307.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

307.2. RISE 99.9% SLA Eligibility: N/A

307.3. Block size: 1,000.

307.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German

Available Documentation languages: English, German.

**308. SAP S/4HANA CLOUD FOR GERMAN UTILITIES BILLING ENHANCEMENTS, PRIVATE EDITION**

308.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

308.2. RISE 99.9% SLA Eligibility: N/A

308.3. Block size: 1,000.

308.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German

Available Documentation languages: English, German

To report support incidents please use message component: IS-U-LIB-DE-BE.

**309. SAP S/4HANA CLOUD, UTILITIES MASTER DATA UPDATES OPTION FOR GERMANY, PRIVATE EDITION**

309.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

309.2. RISE 99.9% SLA Eligibility: N/A

309.3. Block size: 1,000.

309.4. This Cloud Service is limited to the following language versions:

Available log-on languages: English, German

Available Documentation languages: English, German.

**310. INTERCOMPANY DATA EXCHANGE FOR SWISS ELECTRICITY AND GAS UTILITIES FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

310.1. Usage Metric: Points of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

310.2. RISE 99.9% SLA Eligibility: N/A

310.3. Block size: 1,000.

**311. SAP S/4HANA UTILITIES EXTENSIONS FOR METER TO CASH PROCESSES BY PROLOGA, PRIVATE CLOUD EDITION**

311.1. Usage Metric: Capacity Unit. Capacity Unit is a ratio of services consumed via the Cloud Service and is calculated as set forth in the respective Product Supplement, Service Description Guide or Service Use Description. For this Cloud Service a Capacity Unit corresponds to:

- 5.000 Points of Delivery for gas calculation (EDM extension)
- 250.000 meter-readings downloaded to MOM (mobile Onsite meter reading and billing)
- 2.500 nomination received
- 10 shippers (marketers) assigned to the system

Meter-readings downloaded are meter reading orders registered, loaded and processed in the system. Nominations are market transactions exchanged between market partners and define the time-based usage of a gas capacity at a specified point within the gas network. Shippers are market partners of the gas transmission system operators, created and registered within the solution to order gas capacities or to send out nominations. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

311.2. RISE 99.9% SLA Eligibility: N/A

311.3. Block Size: 10

**312. PREPAYMENT FOR UTILITIES FOR SAP S/4HANA CLOUD, PRIVATE EDITION**

312.1. Usage Metric: Point of Delivery. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

312.2. Block size: 1,000

**313. SAP S/4HANA CLOUD FOR WASTE AND RECYCLING, PRIVATE EDITION, ENVIRONMENTAL SERVICES ADD-ON BY PROLOGA**

313.1. Usage Metric: Document. For this Cloud Service, Documents that represent a day order for waste disposals and/or additional disposal documents are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

313.2. RISE 99.9% SLA Eligibility: N/A

313.3. For this Cloud Service documents are:

Records that represent a day order for waste disposals and/or;  
Additional disposal documents processed by the Cloud Service. This metric is counted in a contract year.

313.4. Block size: 1000.

**314. SAP UTILITIES CORE, ENHANCED, PRIVATE EDITION.**

314.1. Usage Metric: Point of Delivery.

314.2. Maximum Block Size:

314.3. Disaster Recovery Eligibility: Yes

314.4. RISE 99.9% SLA Eligibility: N/A

314.5. GxP Eligibility: N/A

**CONSUMER PRODUCTS**

**315. SAP S/4HANA CLOUD FOR TRADE MANAGEMENT, PRIVATE EDITION**

315.1. Usage Metric: Record.

315.2. Records are uniquely identified objects managed by the Cloud Service.

315.3. For SAP S/4HANA Cloud for Trade Management, private edition records are calculated across both customer plans and promotions. It is the sum of the number of unique "plan + product" combination and "promotion + product" combination objects that are stored in the Cloud Service. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

315.4. Block size: 1,000.

315.5. System size based on usage tier

| Usage tier        | Size | Database /Application            | System Tier PROD                        | System Tier QAS                         | System Tier DEV                         |
|-------------------|------|----------------------------------|---|---|---|
| Up to 3000 blocks | S    | BW/4HANA DB                      | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | BW/4HANA App Server              | 1 x 32GiB memory                        | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
|                   |      | BW/4HANA Common Transport Folder | 100GB storage for transport files       |   |   |

|                           |          |   |   |   |   |
|---------------------------|----------|---|---|---|---|
|                           |          | <b>CRM HANA DB</b>                      | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>CRM App Server</b>                   | 1 x 32GiB memory                        | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
|                           |          | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files       |   |   |
|                           |          | <b>CAR HANA DB</b>                      | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>CAR App Server</b>                   | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |
|                           |          | <b>CAR Common Transport Folder</b>      | 100GB storage for transport files       |   |   |
| <b>Up to 6000 blocks</b>  | <b>M</b> | <b>BW/4HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>BW/4HANA App Server</b>              | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
|                           |          | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files       |   |   |
|                           |          | <b>CRM HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>CRM App Server</b>                   | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
|                           |          | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files       |   |   |
|                           |          | <b>CAR HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>CAR App Server</b>                   | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 32GiB memory                        |
|                           |          | <b>CAR Common Transport Folder</b>      | 100GB storage for transport files       |   |   |
| <b>Up to 12000 blocks</b> | <b>L</b> | <b>BW/4HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage | 1 x 960GiB memory, 960GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>BW/4HANA App Server</b>              | 1 x 128GiB memory                       | 1 x 128GiB memory                       | 1 x 16GiB memory                        |
|                           |          | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files       |   |   |
|                           |          | <b>CRM HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |          | <b>CRM App Server</b>                   | 1 x 64GiB memory                        | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
|                           |          | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files       |   |   |

|                           |     |   |   |   |   |
|---------------------------|-----|---|---|---|---|
|                           |     | <b>CAR HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>CAR App Server</b>                   | 1 x 64GiB memory                          | 1 x 64GiB memory                          | 1 x 32GiB memory                        |
|                           |     | <b>CAR Common Transport Folder</b>      | 100GB storage for transport files         |   |   |
| <b>Up to 24000 blocks</b> | XL  | <b>BW/4HANA DB</b>                      | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>BW/4HANA App Server</b>              | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                           |     | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files         |   |   |
|                           |     | <b>CRM HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>CRM App Server</b>                   | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                           |     | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files         |   |   |
|                           |     | <b>CAR HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>CAR App Server</b>                   | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
|                           |     | <b>CAR Common Transport Folder</b>      | 100GB storage for transport files         |   |   |
| <b>Above 24000 blocks</b> | XXL | <b>BW/4HANA DB</b>                      | 1 x 2850GiB memory, 2850GB usable storage | 1 x 2850GiB memory, 2850GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>BW/4HANA App Server</b>              | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 16GiB memory                        |
|                           |     | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files         |   |   |
|                           |     | <b>CRM HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>CRM App Server</b>                   | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                           |     | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files         |   |   |
|                           |     | <b>CAR HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                           |     | <b>CAR App Server</b>                   | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
|                           |     | <b>CAR Common Transport Folder</b>      | 100GB storage for transport files         |   |   |

315.6. GxP Eligibility: N/A.

315.7. This package includes.

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. HANA Runtime.

315.8. This Cloud Service is limited to the following language versions:

Available log-on languages: English, French, German, Korean, Spanish

Available Documentation languages: English, German.

**316. SAP S/4HANA CLOUD FOR TRADE MANAGEMENT, PRIVATE EDITION, STANDARD VERSION**

316.1. Usage Metric: Record. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

316.2. Records are uniquely identified objects managed by the Cloud Service.

316.3. For SAP S/4HANA Cloud for Trade Management, private edition records are calculated across both customer plans and promotions. It is the sum of the number of unique "plan + product" combination and "promotion + product" combination objects that are stored in the Cloud Service.

316.4. Block size: 1,000.

316.5. System size based on usage tier.

| Usage tier        | Size | Database /Application                   | System Tier PROD                        | System Tier DEV                         |
|-------------------|------|---|---|---|
| Up to 3000 blocks | S    | <b>BW/4HANA DB</b>                      | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | <b>BW/4HANA App Server</b>              | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
|                   |      | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files       |   |
|                   |      | <b>CRM HANA DB</b>                      | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | <b>CRM App Server</b>                   | 1 x 32GiB memory                        | 1 x 16GiB memory                        |
|                   |      | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files       |   |
| Up to 6000 blocks | M    | <b>BW/4HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | <b>BW/4HANA App Server</b>              | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
|                   |      | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files       |   |
|                   |      | <b>CRM HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | <b>CRM App Server</b>                   | 1 x 64GiB memory                        | 1 x 16GiB memory                        |
|                   |      | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files       |   |
|                   | L    | <b>BW/4HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage | 1 x 256GiB memory, 256GB usable storage |

|                    |     |   |   |   |
|--------------------|-----|---|---|---|
| Up to 12000 blocks |     | <b>BW/4HANA App Server</b>              | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                    |     | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files         |   |
|                    |     | <b>CRM HANA DB</b>                      | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |     | <b>CRM App Server</b>                   | 1 x 64GiB memory                          | 1 x 16GiB memory                        |
|                    |     | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files         |   |
| Up to 24000 blocks | XL  | <b>BW/4HANA DB</b>                      | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                    |     | <b>BW/4HANA App Server</b>              | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                    |     | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files         |   |
|                    |     | <b>CRM HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |     | <b>CRM App Server</b>                   | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                    |     | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files         |   |
| Above 24000 blocks | XXL | <b>BW/4HANA DB</b>                      | 1 x 2850GiB memory, 2850GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                    |     | <b>BW/4HANA App Server</b>              | 2 x 128GiB memory                         | 1 x 16GiB memory                        |
|                    |     | <b>BW/4HANA Common Transport Folder</b> | 100GB storage for transport files         |   |
|                    |     | <b>CRM HANA DB</b>                      | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                    |     | <b>CRM App Server</b>                   | 1 x 128GiB memory                         | 1 x 16GiB memory                        |
|                    |     | <b>CRM Common Transport Folder</b>      | 100GB storage for transport files         |   |

316.6. GxP Eligibility: N/A

316.7. This package includes.

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. HANA Runtime.

316.8. This Cloud Service is limited to the following language versions:

- a. Available log-on languages: English, French, German, Korean, Spanish
- b. Available Documentation languages: English, German

**317. SAP S/4HANA CLOUD FOR TRADE MANAGEMENT, PRIVATE EDITION, STANDARD VERSION, ADDITIONAL NON-PRODUCTIVE TIER**

317.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

317.2. Disaster Recovery Eligibility: N/A

317.3. GxP Eligibility: N/A

317.4. RISE 99.9% SLA Eligibility: N/A

317.5. System size

| Size | Database /Application      | System Tier NonPROD                       |
|------|----------------------------|---|
| S    | <b>BW/4HANA DB</b>         | 1 x 256GiB memory, 256GB usable storage   |
|      | <b>BW/4HANA App Server</b> | 1 x 32GiB memory                          |
|      | <b>CRM HANA DB</b>         | 1 x 256GiB memory, 256GB usable storage   |
|      | <b>CRM App Server</b>      | 1 x 32GiB memory                          |
| M    | <b>BW/4HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|      | <b>BW/4HANA App Server</b> | 1 x 64GiB memory                          |
|      | <b>CRM HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|      | <b>CRM App Server</b>      | 1 x 64GiB memory                          |
| L    | <b>BW/4HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|      | <b>BW/4HANA App Server</b> | 1 x 128GiB memory                         |
|      | <b>CRM HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|      | <b>CRM App Server</b>      | 1 x 64GiB memory                          |
| XL   | <b>BW/4HANA DB</b>         | 1 x 1922GiB memory, 1922GB usable storage |
|      | <b>BW/4HANA App Server</b> | 1 x 128GiB memory                         |
|      | <b>CRM HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|      | <b>CRM App Server</b>      | 1 x 128GiB memory                         |
| XXL  | <b>BW/4HANA DB</b>         | 1 x 2850GiB memory, 2850GB usable storage |
|      | <b>BW/4HANA App Server</b> | 2 x 128GiB memory                         |
|      | <b>CRM HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|      | <b>CRM App Server</b>      | 1 x 128GiB memory                         |

317.6. This package includes HANA Runtime.

317.7. This Cloud Service is limited to the following language versions:

- a. Available log-on languages: English, French, German, Korean, Spanish
- b. Available Documentation languages: English, German

**318. SAP S/4HANA CLOUD FOR TRADE MANAGEMENT, PRIVATE EDITION, ADDITIONAL PRODUCTION TIER**

318.1. Usage Metric: Tenant

318.2. GxP Eligibility: N/A

318.3. System Sizing

| Size | Database /Application | System Tier PROD |
|------|-----------------------|------------------|
|------|-----------------------|------------------|

|     |                            |   |
|-----|----------------------------|---|
| S   | <b>BW/4HANA DB</b>         | 1 x 256GiB memory, 256GB usable storage   |
|     | <b>BW/4HANA App Server</b> | 1 x 32GiB memory                          |
|     | <b>CRM HANA DB</b>         | 1 x 256GiB memory, 256GB usable storage   |
|     | <b>CRM App Server</b>      | 1 x 32GiB memory                          |
|     | <b>CAR HANA DB</b>         | 1 x 256GiB memory, 256GB usable storage   |
|     | <b>CAR App Server</b>      | 1 x 64GiB memory                          |
| M   | <b>BW/4HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|     | <b>BW/4HANA App Server</b> | 1 x 64GiB memory                          |
|     | <b>CRM HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|     | <b>CRM App Server</b>      | 1 x 64GiB memory                          |
|     | <b>CAR HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|     | <b>CAR App Server</b>      | 1 x 64GiB memory                          |
| L   | <b>BW/4HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|     | <b>BW/4HANA App Server</b> | 1 x 128GiB memory                         |
|     | <b>CRM HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|     | <b>CRM App Server</b>      | 1 x 64GiB memory                          |
|     | <b>CAR HANA DB</b>         | 1 x 512GiB memory, 512GB usable storage   |
|     | <b>CAR App Server</b>      | 1 x 64GiB memory                          |
| XL  | <b>BW/4HANA DB</b>         | 1 x 1922GiB memory, 1922GB usable storage |
|     | <b>BW/4HANA App Server</b> | 1 x 128GiB memory                         |
|     | <b>CRM HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|     | <b>CRM App Server</b>      | 1 x 128GiB memory                         |
|     | <b>CAR HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|     | <b>CAR App Server</b>      | 1 x 128GiB memory                         |
| XXL | <b>BW/4HANA DB</b>         | 1 x 2850GiB memory, 2850GB usable storage |
|     | <b>BW/4HANA App Server</b> | 2 x 128GiB memory                         |
|     | <b>CRM HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|     | <b>CRM App Server</b>      | 1 x 128GiB memory                         |
|     | <b>CAR HANA DB</b>         | 1 x 960GiB memory, 960GB usable storage   |
|     | <b>CAR App Server</b>      | 1 x 128GiB memory                         |

318.4. This package includes.

- a. SAP WEB DISPATCHER Prod/ (8GiB memory, installed on dedicated server)
- b. HANA Runtime.

318.5. This Cloud Service is limited to the following language versions:

Available log-on languages: English, French, German, Korean, Spanish

Available Documentation languages: English, German

## RETAIL

### 319. SAP FORECASTING AND REPLENISHMENT CLOUD, PRIVATE EDITION

- 319.1. Usage Metric: Object. For this Cloud Service, all processed products in all locations are counted.
- 319.2. For this Cloud Service the sum of all processed products in all locations is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 319.3. Block size: 1,000 Product Location Combinations.
- 319.4. GxP Eligibility: N/A.
- 319.5. System size based on usage tier.

| Usage tier             | Size | Database /Application | System Tier PROD                          | System Tier QAS                           | System Tier DEV                         |
|------------------------|------|-----------------------|---|---|---|
| Up to 6000 blocks      | XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 64GiB memory                        |
| Up to 12000 blocks     | S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 2 x 128GiB memory                         | 2 x 128GiB memory                         | 1 x 64GiB memory                        |
| Up to 24000 blocks     | M    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 3 x 128GiB memory                         | 3 x 128GiB memory                         | 1 x 128GiB memory                       |
| Up to 48000 blocks     | L    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 5 x 128GiB memory                         | 5 x 128GiB memory                         | 1 x 128GiB memory                       |
| Up to 72000 blocks     | XL   | HANA DB               | 1 x 2850GiB memory, 2850GB usable storage | 1 x 2850GiB memory, 2850GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 6 x 128GiB memory                         | 6 x 128GiB memory                         | 1 x 128GiB memory                       |
| More than 72000 blocks | XXL  | HANA DB               | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                        |      | App Server            | 7 x 128 GiB memory                        | 7 x 128 GiB memory                        | 1 x 128 GiB memory                      |

- 319.6. This package includes.
- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
  - b. Common Transport Folder, 100GB of Storage is included for all transport files.
  - c. HANA Runtime.

### 320. SAP FORECASTING AND REPLENISHMENT CLOUD, ADD-ON FOR FRESH PRODUCTS, PRIVATE EDITION

- 320.1. Usage Metric: Object. For this Cloud Service, all processed products in all locations are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

The metric for SAP Forecasting and Replenishment Cloud, add-on for fresh products, private edition is based on the number of location product combinations that are processed in the solution with one of these described fresh add-on specific planning features. In case the product location combinations of the time-based scheduling and replenishment feature exceeds the product location combinations of the other two features, a maximum of 20 % of all product location combinations of the main solution SAP Forecasting and Replenishment counts towards the metric for the Cloud Service.

320.2. RISE 99.9% SLA Eligibility: N/A

320.3. Block size: 1,000 Products

320.4. GxP Eligibility: N/A.

320.5. This Cloud Service is limited to the following language versions:

Available log-on languages: Danish, Dutch, English, German, Spanish, Swedish, French

Available Documentation language: English.

**321. SAP FORECASTING AND REPLENISHMENT CLOUD, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

321.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

321.2. Disaster Recovery Eligibility: N/A.

321.3. GxP Eligibility: N/A.

321.4. RISE 99.9% SLA Eligibility: N/A

321.5. System Sizing.

| Size | Database /Application | System Tier NonPROD                       |
|------|-----------------------|---|
| XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage   |
|      | App Server            | 1 x 128GiB memory                         |
| S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   |
|      | App Server            | 2 x 128GiB memory                         |
| M    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   |
|      | App Server            | 3 x 128GiB memory                         |
| L    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage |
|      | App Server            | 5 x 128GiB memory                         |
| XL   | HANA DB               | 1 x 2850GiB memory, 2850GB usable storage |
|      | App Server            | 6 x 128GiB memory                         |
| XXL  | HANA DB               | 1 x 5700GiB memory, 5700GB usable storage |
|      | App Server            | 7 x 128 GiB memory                        |

321.6. This package includes.

- a. SAP WEB DISPATCHER NonProd (8GiB memory, installed on dedicated server)

**322. SAP FORECASTING AND REPLENISHMENT CLOUD, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

- 322.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 322.2. GxP Eligibility: N/A.
- 322.3. System Sizing.

| Size | Database /Application | System Tier PROD                          |
|------|-----------------------|---|
| XS   | HANA DB               | 1 x 256GiB memory, 256GB usable storage   |
|      | App Server            | 1 x 128GiB memory                         |
| S    | HANA DB               | 1 x 512GiB memory, 512GB usable storage   |
|      | App Server            | 2 x 128GiB memory                         |
| M    | HANA DB               | 1 x 960GiB memory, 960GB usable storage   |
|      | App Server            | 3 x 128GiB memory                         |
| L    | HANA DB               | 1 x 1922GiB memory, 1922GB usable storage |
|      | App Server            | 5 x 128GiB memory                         |
| XL   | HANA DB               | 1 x 2850GiB memory, 2850GB usable storage |
|      | App Server            | 6 x 128GiB memory                         |
| XXL  | HANA DB               | 1 x 5700GiB memory, 5700GB usable storage |
|      | App Server            | 7 x 128 GiB memory                        |

- 322.4. This package includes.
  - a. SAP WEB DISPATCHER Prod (8GiB memory, installed on dedicated server)

322.5. SAP Forecasting and Replenishment Cloud, additional productive tier, private edition is access to an additional productive tier of the respective SAP Forecasting and Replenishment Cloud system and must be installed in the same location as the other Cloud Services.

**323. SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

- 323.1. Usage Metric: Transaction. For this Cloud Service, the points of sale transactions across all stores are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.
- 323.2. Block size: 10.000.
- 323.3. GxP Eligibility: N/A.
- 323.4. System size based on usage tier.

| Usage tier        | Size | Database /Application | System Tier PROD                        | System Tier QAS                         | System Tier DEV                         |
|-------------------|------|-----------------------|---|---|---|
| Up to 5000 blocks | XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|                   |      | App Server            | 1 x 128GiB memory                       | 1 x 128GiB memory                       | 1 x 32GiB memory                        |

|                        |    |            |   |   |   |
|------------------------|----|------------|---|---|---|
| Up to 10000 blocks     | XS | HANA DB    | 1 x 512GiB memory, 512GB usable storage   | 1 x 512GiB memory, 512GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                        |    | App Server | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
| Up to 20000 blocks     | S  | HANA DB    | 1 x 960GiB memory, 960GB usable storage   | 1 x 960GiB memory, 960GB usable storage   | 1 x 256GiB memory, 256GB usable storage |
|                        |    | App Server | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
| Up to 40000 blocks     | M  | HANA DB    | 1 x 1922GiB memory, 1922GB usable storage | 1 x 1922GiB memory, 1922GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                        |    | App Server | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
| Up to 60000 blocks     | L  | HANA DB    | 1 x 2850GiB memory, 2850GB usable storage | 1 x 2850GiB memory, 2850GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                        |    | App Server | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |
| More than 60000 blocks | XL | HANA DB    | 1 x 5700GiB memory, 5700GB usable storage | 1 x 5700GiB memory, 5700GB usable storage | 1 x 512GiB memory, 512GB usable storage |
|                        |    | App Server | 1 x 128GiB memory                         | 1 x 128GiB memory                         | 1 x 32GiB memory                        |

323.5. This package includes.

- a. SAP WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers)
- b. Common Transport Folder, 100GB of Storage is included for all transport files.
- c. HANA Runtime.

323.6. Customer shall purchase from SAP system (memory) extensions where increased storage is required based on the use of SAP Customer Activity Repository Cloud as a platform for other Cloud Services such as (by way of example only) SAP Assortment Planning, SAP Allocation Management, SAP Promotion Management, and/or SAP Replenishment Planning or use of SAP Customer Activity Repository Cloud as a platform to run an integrated forecasting engine.

**324. SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, ADDITIONAL NON-PRODUCTIVE TIER, PRIVATE EDITION**

324.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

324.2. Disaster Recovery Eligibility: N/A.

324.3. GxP Eligibility: N/A.

324.4. RISE 99.9% SLA Eligibility: N/A

324.5. System sizing.

| Size | Database /Application | System Tier NonPROD                     |
|------|-----------------------|---|
| XXS  | HANA DB               | 1 x 256GiB memory, 256GB usable storage |
|      | App Server            | 1 x 128GiB memory                       |
| XS   | HANA DB               | 1 x 512GiB memory, 512GB usable storage |
|      | App Server            | 1 x 128GiB memory                       |
| S    | HANA DB               | 1 x 960GiB memory, 960GB usable storage |

|    |                   |   |
|----|-------------------|---|
|    | <b>App Server</b> | 1 x 128GiB memory                         |
| M  | <b>HANA DB</b>    | 1 x 1922GiB memory, 1922GB usable storage |
|    | <b>App Server</b> | 1 x 128GiB memory                         |
| L  | <b>HANA DB</b>    | 1 x 2850GiB memory, 2850GB usable storage |
|    | <b>App Server</b> | 1 x 128GiB memory                         |
| XL | <b>HANA DB</b>    | 1 x 5700GiB memory, 5700GB usable storage |
|    | <b>App Server</b> | 1 x 128GiB memory                         |

324.6. This package includes.

- a. SAP WEB DISPATCHER NonProd (8GiB memory, installed on dedicated server)

**325. SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, ADDITIONAL PRODUCTIVE TIER, PRIVATE EDITION**

325.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

325.2. GxP Eligibility: N/A.

325.3. System sizing.

| Size | Database /Application | System Tier PROD                          |
|------|-----------------------|---|
| XXS  | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage   |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |
| XS   | <b>HANA DB</b>        | 1 x 512GiB memory, 512GB usable storage   |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |
| S    | <b>HANA DB</b>        | 1 x 960GiB memory, 960GB usable storage   |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |
| M    | <b>HANA DB</b>        | 1 x 1922GiB memory, 1922GB usable storage |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |
| L    | <b>HANA DB</b>        | 1 x 2850GiB memory, 2850GB usable storage |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |
| XL   | <b>HANA DB</b>        | 1 x 5700GiB memory, 5700GB usable storage |
|      | <b>App Server</b>     | 1 x 128GiB memory                         |

325.4. This package includes.

- a. SAP WEB DISPATCHER Prod (8GiB memory, installed on dedicated server)

325.5. SAP Customer Activity Repository Cloud, additional productive tier, private edition is access to an additional productive tier of the respective SAP Customer Activity Repository Cloud system and must be installed in the same location as the other Cloud Services.

**326. SAP PROMOTION MANAGEMENT FOR SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

326.1. Usage Metric: Active User. For this Cloud Service, individuals who create and/or change the following objects: Offer, vendor fund, campaign, event and any area template, block template or content template, are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

326.2. RISE 99.9% SLA Eligibility: N/A

326.3. For this Cloud Service, Users are only measured if they are individuals who create and/or change the following objects: Offer, vendor fund, campaign, event and any area template, block template or content template.

326.4. GxP Eligibility: N/A.

**327. SAP ASSORTMENT PLANNING FOR SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

327.1. Usage Metric: Active User. For this Cloud Service, individuals who create and/or change an assortment list or an option plan, are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

327.2. RISE 99.9% SLA Eligibility: N/A

327.3. GxP Eligibility: N/A.

**328. SAP MERCHANDISE PLANNING FOR SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

328.1. Usage Metric: Active User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

328.2. RISE 99.9% SLA Eligibility: N/A

328.3. GxP Eligibility: N/A.

**329. SAP ALLOCATION MANAGEMENT FOR SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

329.1. Usage Metric: Object. For this Cloud Service, all processed products in all locations are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

329.2. RISE 99.9% SLA Eligibility: N/A

329.3. For this Cloud Service, the sum of all processed products in all locations is counted.

329.4. Block size: 1,000 Product Location Combinations.

329.5. GxP Eligibility: N/A.

329.6. This Cloud Service is limited to the following languages versions:

Available log-on languages: Czech, English, German, Chinese, Danish, Finnish, French, Italian, Spanish, Japanese, Norwegian, Portuguese, Russian, Swedish, Polish, Turkish, Bulgarian, Romanian, Serbian (Latin), Slovak

Available Documentation language: English.

**330. SAP REPLENISHMENT PLANNING FOR SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, PRIVATE EDITION**

330.1. Usage Metric: Object. For this Cloud Service, all processed products in all locations are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

330.2. RISE 99.9% SLA Eligibility: N/A

330.3. Block size: 1,000 Product Location Combinations.

330.4. GxP Eligibility: N/A.

**331. SAP CUSTOMER ACTIVITY REPOSITORY CLOUD, OMNICHANNEL PRICE AND PROMOTION SERVICE, PRIVATE EDITION**

331.1. Usage Metric: Object. For this Cloud Service, the number of products available for sale to customers is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

331.2. RISE 99.9% SLA Eligibility: N/A

331.3. Block size: 1,000

331.4. GxP Eligibility: N/A.

331.5. This Cloud Service is limited to the following languages versions:

Available log-on languages: English, German, Chinese, French, Hindi, Indonesian, Italian, Japanese, Korean, Portuguese, Russian, Spanish

Available Documentation language: English.

**332. SAP S/4HANA CLOUD FOR RETAIL MERCHANDISE MANAGEMENT, PRIVATE EDITION**

332.1. Usage Metric: Flat Fee. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

332.2. RISE 99.9% SLA Eligibility: N/A

**333. SAP S/4HANA CLOUD FOR FASHION AND VERTICAL BUSINESS, PRIVATE EDITION**

333.1. Usage Metric: Flat Fee.. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

333.2. RISE 99.9% SLA Eligibility: N/A

**334. SAP S/4HANA CLOUD FOUNDATION FOR RETAIL AND FASHION, PRIVATE EDITION**

334.1. Usage Metric: Document. For this Cloud Service, documents are purchase orders, sales orders, production orders and point-of-sales transaction related billing documents. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

334.2. RISE 99.9% SLA Eligibility: N/A

334.3. Block size: 12,000

**335. SAP S/4HANA CLOUD FOR AGREEMENT PROFITABILITY AND NEGOTIATION BY GICOM, PRIVATE EDITION**

335.1. Usage Metric: Revenue and Expense. For this Cloud Service, sales and purchasing volumes realized with external business partners are counted. The Usage Metric entitlement in the Order Form depletes with usage and is based on a yearly entitlement.

335.2. RISE 99.9% SLA Eligibility: N/A

335.3. Block size: €100 million (converted to local currency using SAP standard exchange rates).

**HIGHER EDUCATION AND RESEARCH**

**336. SAP S/4HANA CLOUD FOR STUDENT LIFECYCLE MANAGEMENT, PRIVATE EDITION**

336.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

336.2. RISE 99.9% SLA Eligibility: N/A

336.3. Block size: 100.

**PUBLIC SECTOR**

**337. SAP S/4HANA CLOUD, FOR BEHAVIORAL INSIGHTS, PRIVATE EDITION**

- 337.1. Usage Metric: Contact. For this Cloud Service, total number of legal entities are counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 337.2. RISE 99.9% SLA Eligibility: N/A
- 337.3. For this Cloud Service, Contacts are the total number of legal entities processed by the Cloud Service.
- 337.4. Block size: 10,000.

**CUSTOMER EXPERIENCE**

**338. SAP S/4HANA CLOUD FOR DEFENSE AND SECURITY, PRIVATE EDITION**

- 338.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 338.2. Disaster Recovery Eligibility: N/A
- 338.3. GxP Eligibility: N/A
- 338.4. RISE 99.9% SLA Eligibility: N/A

**339. SAP S/4HANA CLOUD, FOR SOLUTION SALES CONFIGURATION, PRIVATE EDITION**

- 339.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 339.2. This Cloud Service is limited to the following language versions:  
 Available log-on language : English  
 Available Documentation language : English.

**ANALYTICS**

**340. SAP BUSINESSOBJECTS BUSINESS INTELLIGENCE, PRIVATE CLOUD EDITION, STANDARD USER**

- 340.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.
- 340.2. RISE 99.9% SLA Eligibility: N/A
- 340.3. GxP Eligibility: N/A.
- 340.4. System size based on usage tier.

| Usage tier        | Size | Database /Application | System Tier PROD  | System Tier DEV   |
|-------------------|------|-----------------------|---|---|
| up to 500 Users   | S    | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                   |      | App Server            | 1 x 64GiB memory  | 1 x 32GiB memory  |
| up to 1,000 Users | M    | ASE DB                | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                   |      | App Server            | 2 x 64GiB memory  | 1 x 32GiB memory  |
|                   | L    | ASE DB                | Usable DB Size<br>200GB                                     | Usable DB Size<br>200GB                                     |

|                          |    |                   |   |   |
|--------------------------|----|-------------------|---|---|
| <b>up to 3,000 Users</b> |    |                   | Server size:<br>1 x 32GiB memory                            | Server size:<br>1 x 32GiB memory                            |
|                          |    | <b>App Server</b> | 2 x 128GiB memory   | 1x 32GiB memory   |
| <b>above 3,000 Users</b> | XL | <b>ASE DB</b>     | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                          |    | <b>App Server</b> | 4 x 128GiB memory   | 1 x 32GiB memory  |

340.5. Server sizing is subject to change based on the number of Users.

**341. SAP BUSINESSOBJECTS BUSINESS INTELLIGENCE, PRIVATE CLOUD EDITION, CONNECTION**

341.1. Usage Metric: Connection. For this Cloud Service, the maximum number of sessions accessing the Cloud service at any one time are counted as Connections. A session starts with a logon and ends with a logoff/ time-out. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

341.2. RISE 99.9% SLA Eligibility: N/A

341.3. GxP Eligibility: N/A.

341.4. System size based on usage tier.

| Usage tier                    | Size | Database /Application | System Tier PROD  | System Tier DEV   |
|-------------------------------|------|-----------------------|---|---|
| <b>up to 180 Connections</b>  | S    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                               |      | <b>App Server</b>     | 1 x 64GiB memory  | 1 x 32GiB memory  |
| <b>up to 350 Connections</b>  | M    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                               |      | <b>App Server</b>     | 2 x 64GiB memory  | 1 x 32GiB memory  |
| <b>up to 1050 Connections</b> | L    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                               |      | <b>App Server</b>     | 2 x 128GiB memory   | 1x 32GiB memory   |
| <b>above 1050 Connections</b> | XL   | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|                               |      | <b>App Server</b>     | 4 x 128GiB memory   | 1 x 32GiB memory  |

341.5. Server sizing is subject to change based on the number of Connections.

341.6. The following use rights are not available with Connection licenses:

Use of Business View Manager, Report Conversion Tool, Universe Design Tool, Web Service Query Tool, Information Design Tool, Translation Management Tool, Data Federation Administration Tool, Central Management Console, and/or Central Configuration Manager;

Use of the Crystal Reports desktop client, and/or Crystal Reports for Enterprise desktop client ;

Use of the Web Intelligence Rich Client ;

**342. SAP BUSINESSOBJECTS BUSINESS INTELLIGENCE, ADDITIONAL NON-PRODUCTIVE, PRIVATE CLOUD EDITION**

342.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

342.2. Disaster Recovery Eligibility: N/A.

342.3. GxP Eligibility: N/A.

342.4. RISE 99.9% SLA Eligibility: N/A

342.5. System size based on usage tier.

| Size | Database /Application | System Tier NonPROD   |
|------|-----------------------|---|
| S    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|      | <b>App Server</b>     | 1 x 64GiB memory  |
| M    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|      | <b>App Server</b>     | 2 x 64GiB memory  |
| L    | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|      | <b>App Server</b>     | 2 x 128GiB memory   |
| XL   | <b>ASE DB</b>         | Usable DB Size<br>200GB<br>Server size:<br>1 x 32GiB memory |
|      | <b>App Server</b>     | 4 x 128GiB memory   |

342.6. SAP BusinessObjects Business Intelligence, additional non-productive, private cloud edition provides access to an additional non-productive tier of SAP BusinessObjects Business Intelligence, private cloud edition.

**343. SAP APP SERVER WINDOWS CLOUD, PRIVATE EDITION**

343.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

343.2. RISE 99.9% SLA Eligibility: N/A

343.3. Block Size: 64

343.4. This Cloud Service is only available where Customer is also subscribed to SAP BusinessObjects Business Intelligence, private cloud edition, standard user or SAP BusinessObjects Business Intelligence, private cloud edition, connection.

**344. SAP BUSINESS PLANNING AND CONSOLIDATION STANDARD EDITION FOR SAP BW/4HANA CLOUD, PRIVATE EDITION**

344.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

344.2. Additional Terms and Conditions

344.2. This package includes HANA Runtime.

344.2. Use is limited to

direct input and/or editing of quantitative and qualitative data into the application ;

execution of existing reports or creation of reports on existing data structures ;

execution of changes to workflow tasks ; and

viewing data, except that users accessing the package through an interface are limited to viewing data only. The consolidation functionality is limited to running controls on data submitted by Users. Planning functionality is limited to performing planning tasks only on existing models.

**345. SAP BUSINESS PLANNING AND CONSOLIDATION STANDARD EDITION FOR SAP BW/4HANA CLOUD (PLANNING ONLY), PRIVATE EDITION**

345.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

345.2. Additional Terms and Conditions

345.2. This package includes HANA Runtime.

345.2. Use is limited to:

direct input and/or editing of quantitative and qualitative data into the application ;

execution of existing reports or creation of reports on existing data structures ;

execution of changes to workflow tasks ; and

viewing data, except that users accessing the package through an interface are limited to viewing data only. The consolidation functionality is limited to running controls on data submitted by Users. Planning functionality is limited to performing planning tasks only on existing models.

**346. SAP BUSINESS PLANNING AND CONSOLIDATION PROFESSIONAL EDITION FOR SAP BW/4HANA CLOUD, PRIVATE EDITION**

346.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

346.2. Additional Terms and Conditions

346.2. This package includes HANA Runtime.

346.2. This package may be used solely for the creation and calculation of budget, plan, or forecast data, including the calculation and reporting of the consolidated financial results of a group of companies or for separate financial statement reporting where the application is being used to calculate and report investments at equity, applying generally accepted accounting concepts related to accounting for business combinations and / or equity accounting for investments is not permitted.

**347. SAP BUSINESS PLANNING AND CONSOLIDATION PROFESSIONAL EDITION FOR SAP BW/4HANA CLOUD (PLANNING ONLY), PRIVATE EDITION**

347.1. Usage Metric: User. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

347.2. Additional Terms and Conditions

347.2. This package includes HANA Runtime.

347.2. This package may be used solely for the creation and calculation of budget, plan, or forecast data, including the calculation and reporting of the consolidated financial results of a group of companies or for separate financial statement reporting where the application is being used to calculate and report investments at equity, applying generally accepted accounting concepts related to accounting for business combinations and/or equity accounting for investments is not permitted.

**348. SAP BW/4HANA CLOUD, BASE PACKAGE, PRIVATE EDITION**

348.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

348.2. GxP Eligibility: Yes

348.3. System sizing.

| Size     | Database /Application | System Tier PROD                        | System Tier NonProd                     |
|----------|-----------------------|---|---|
| One Size | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|          | <b>App Server</b>     | 1 x 64GiB memory                        | 1 x 32GiB memory                        |

348.4. This Cloud Service includes:

- a. WEB DISPATCHER Prod/NonProd (8GIB memory each, installed on dedicated servers).
- b. SAP CLOUD CONNECTOR Prod/NonProd (8GIB memory each, installed on dedicated servers). Only one set of SAP Cloud Connector per customer VNET is included for free. Will only be deployed if another doesn't already exist.
- c. Common transport folder, 100GB of storage is included for all transport files.
- d. SAP Analytics Cloud Agent Prod/Nonprod (16GiB memory each, installed on Dedicated servers, available on customer request).
- e. SAP DATA PROVISIONING AGENT Prod/NonProd (16GIB MEMORY each, installed on Dedicated servers, available on customer request).
- f. HANA Runtime

**349. SAP BW/4HANA CLOUD, ADDITIONAL NON-PRODUCTIVE, BASE PACKAGE, PRIVATE EDITION**

349.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

349.2. Block Size: 256.

349.3. Disaster Recovery Eligibility: N/A.

349.4. GxP Eligibility: Yes.

349.5. RISE 99.9% SLA Eligibility: N/A

349.6. System sizing.

| Size     | Database /Application | System Tier NonPROD                     |
|----------|-----------------------|---|
| One Size | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage |
|          | <b>App Server</b>     | 1 x 64GiB memory                        |

349.7. This Cloud Service includes:

- a. WEB DISPATCHER NonProd (8GiB memory, installed on dedicated server).

**350. SAP BW NETWEAVER CLOUD, BASE PACKAGE, PRIVATE EDITION**

350.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

350.2. GxP Eligibility: Yes

350.3. System sizing.

| Size     | Database /Application | System Tier PROD                        | System Tier NonProd                     |
|----------|-----------------------|---|---|
| One Size | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage | 1 x 256GiB memory, 256GB usable storage |
|          | <b>App Server</b>     | 1 x 64GiB memory                        | 1 x 32GiB memory                        |

350.4. This Cloud Service includes:

- a. WEB DISPATCHER Prod/NonProd (8GiB memory each, installed on dedicated servers).
- b. Common transport folder, 100GB of storage is included for all transport files.
- c. HANA Runtime

**351. SAP BW NETWEAVER CLOUD, ADDITIONAL NON-PRODUCTIVE, BASE PACKAGE, PRIVATE EDITION**

351.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

351.2. RISE 99.9% SLA Eligibility: N/A

351.3. Block Size: 256.

351.4. Disaster Recovery Eligibility: N/A.

351.5. GxP Eligibility: Yes.

351.6. System sizing.

| Size     | Database /Application | System Tier NonPROD                     |
|----------|-----------------------|---|
| One Size | <b>HANA DB</b>        | 1 x 256GiB memory, 256GB usable storage |
|          | <b>App Server</b>     | 1 x 64GiB memory                        |

351.7. This Cloud Service includes:

- a. WEB DISPATCHER NonProd (8GiB memory, installed on dedicated server).

**352. SAP BI JAVA SERVER CLOUD, PRIVATE EDITION**

352.1. Usage Metric: Tenant. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

352.2. System size based on usage tier

| Usage tier      | Size | Database /Application          | System Tier PROD | System Tier NonProd |
|-----------------|------|--------------------------------|------------------|---------------------|
| <b>8 cores</b>  | S    | <b>Java Application Server</b> | 1x32GiB memory   | 1x32GiB memory      |
| <b>16 cores</b> | M    | <b>Java Application Server</b> | 2x32GiB memory   | 1x32GiB memory      |
| <b>24 cores</b> | L    | <b>Java Application Server</b> | 3x32GiB memory   | 1x32GiB memory      |

352.3. No dedicated system QA delivered for System Tier PRD.

**353. SAP BI JAVA SERVER CLOUD, ADDITIONAL NON-PRODUCTIVE, PRIVATE EDITION**

353.1. Usage Metric: Gigabyte. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.

353.2. Disaster Recovery Eligibility: N/A.

353.3. GxP Eligibility: N/A.

353.4. System size based on usage tier.

| Usage tier      | Size | Database /Application          | System Tier NonPROD |
|-----------------|------|--------------------------------|---------------------|
| <b>8 cores</b>  | S    | <b>Java Application Server</b> | 1x32GiB memory      |
| <b>16 cores</b> | M    | <b>Java Application Server</b> | 2x32GiB memory      |
| <b>24 cores</b> | L    | <b>Java Application Server</b> | 3x32GiB memory      |

**354. SAP PROFITABILITY AND PERFORMANCE MANAGEMENT CLOUD, PRIVATE EDITION**

354.1. Usage Metric: Gigabyte. For this Cloud Service, memory capacity is counted. Unless otherwise indicated herein, the Usage Metric entitlement in the Order Form is retained throughout the Subscription Term.