

SAP ICC Integration Scenario- SAP Business Warehouse

PUBLIC

Introduction:

- SAP Business Warehouse (SAP BW) closes the loop between business processes and decision support, and enables context-based demand management for supply chain planning and optimization. It comes pre-loaded with business content, allowing comprehensive data analyses covering numerous environmental conditions.

Technical Details:

" Certification for this integration scenario with the most recent version of SAP solutions is available only upon request, if SAP resources are available. Please contact icc@sap.com for more information

SAP Business Warehouse - OLAP BAPIs (BW-OBI)

- ❑ OLAP BAPIs provide an industry-standard method for accessing SAP Business Information Warehouse (SAP BW) data via third-party front-end presentation tools. They enable you to connect the SAP BW server to a wide range of applications with varying OLAP architectures.
- ❑ SAP BW 7.3, SAP BW 7.4 and SAP BW 7.5: There were no changes to BW-OBI in this release.
- ❑ SAP BW 7.0: There were no changes to BW-OBI in this release. BW-OBI was introduced as a certifiable interface since SAP Business Information Warehouse 2.0

Technical Details:

Certification for this integration scenario with the most recent version of SAP solutions is available only upon request, if SAP resources are available. Please contact icc@sap.com for more information

SAP Business Warehouse - Reporting for OLAP (BW-ODB)

- ❑ BW-ODB provides an industry-standard method for accessing SAP Business Information Warehouse (SAP BW) data via a third-party front-end presentation tool.
- ❑ OLE DB for OLAP (ODBO) enables you to query data from an OLAP server. ODBO is a set of COM objects and interfaces that extend OLE DB in order to provide access to multidimensional data structures.
- ❑ SAP BW 7.3, SAP BW 7.4 and SAP BW 7.5: There were no changes to BW-ODB in this release.
- ❑ SAP BW 7.0: There were no changes to BW-ODB in this release. BW-ODB was introduced as a certifiable interface in SAP Business Information Warehouse 1.2, enhanced with additional features in SAP Business Information Warehouse 2.0.

Technical Details:

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SAP Business Warehouse - Open Hub Service (BW-OHS)

- ❑ SAP Business Warehouse (SAP BW) Open Hub Service allows controlled and secure provision of high quality SAP BW data to downstream systems and applications.
- ❑ In addition to provision SAP BW data via flat files, database tables or SAP PI (formerly known as SAP XI, a component of the SAP NetWeaver platform), customers may choose to integrate 3rd party tools (such as ETL tools) with the Open Hub Service for data distribution. For this purpose, various APIs are available to assure full integration via the BW-OHS integration scenario.
- ❑ SAP BW 7.4 and SAP BW 7.5: There were no changes to BW-OHS in these releases.
- ❑ SAP BW 7.3: There is a change to BW-OHS scenario in this release. API for extracting all SAP data types is enhanced with a new API. If this API is used then this scenario is not downward compatible.
- ❑ BW-OHS was enhanced with additional features in this release. Recertification is optional.

Technical Details:

Certification for this integration scenario with the most recent version of SAP solutions is available only upon request, if SAP resources are available. Please contact icc@sap.com for more information

SAP Business Warehouse - Job Scheduling (BW-SCH)

- ❑ BW-SCH provides APIs that allow external scheduling tools to schedule BW Process Chains and BW Info Packages (optional).
- ❑ SAP BW 7.3, SAP BW 7.4 and SAP BW 7.5: There were no changes to BW-SCH in these releases.
- ❑ SAP BW 7.0: There were no changes to BW-SCH in this release.
- ❑ BW-SCH was introduced as a certifiable interface in SAP Business Information Warehouse 3.0.

Technical Details:

Certification for this integration scenario with the most recent version of SAP solutions is available only upon request, if SAP resources are available. Please contact icc@sap.com for more information

SAP Business Warehouse - Data Staging (BW-STA)

- ❑ The BAPIs for BW-STA include methods for updating and retrieving metadata as well as sending data extracts to SAP BW 7.3. By using these BAPIs, customers and third-party vendors can connect their metadata repositories and their extraction engines to SAP BW 7.3.
- ❑ SAP BW 7.4 and SAP BW 7.5: There are no changes to BW-STA scenario in these releases.
- ❑ SAP BW 7.3: There is a change to BW-STA scenario in this release. Uploading of hierarchies (simple and complex) are supported with new Staging BAPIs and new creation and activation of new DataSources is also supported.
- ❑ BW-STA was enhanced with additional features in this release. Recertification is optional.

Technical Details:

Certification for this integration scenario with the most recent version of SAP solutions is available only upon request, if SAP resources are available. Please contact icc@sap.com for more information

SAP Business Warehouse - XML for Analysis (BW-XMLA)

- ❑ XML for Analysis (XML/A) is a protocol specified by Microsoft© Corporation. This protocol is used for the exchange of analytical data between client applications and servers via HTTP and SOAP. It is materialized as a Web service within SAP BI. XML/A enables a third-party reporting or analysis tool, once connected to SAP BI, to communicate directly with SAP's analytical engine.
- ❑ SAP BW 7.3, SAP BW 7.4 and SAP BW 7.5: There were no changes to BW-XMLA for these scenarios.
- ❑ SAP BW 7.0: There were no changes to BW-XMLA in this release.
- ❑ BW-XMLA was introduced as a certifiable interface in SAP Business Information Warehouse 3.0 release.

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Certification serves as proof point for technical alignment with SAP solutions

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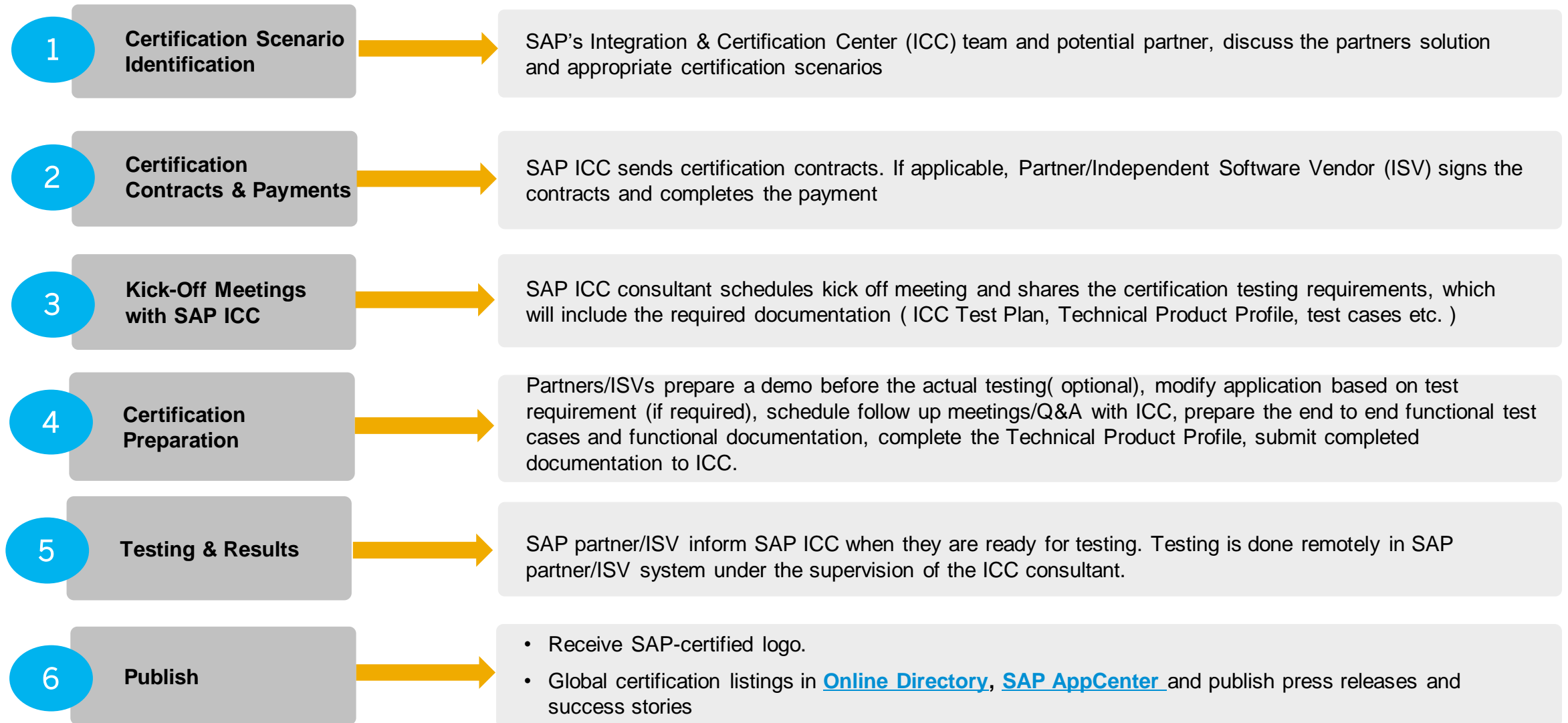
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