



SAP ICC Integration Scenario- SAP Extension Suite Certification

PUBLIC

Introduction

- ❑ SAP Business Technology Platform provides an integrated platform of solution that allows the partners/ISVs to integrate, extend, and develop intelligent applications at scale.
- ❑ SAP Extension Suite, powering SAP Business Technology Platform, offers capabilities and services to simplify application development and extensions. SAP Extension Suite supports various runtime containers to build and deploy cloud applications. The partners/ISVs can reduce investments by leveraging business services to build and enhance solution that solve your specific line of business and industry needs.

SAP ICC provides three different integration scenarios based on SAP Extension Suite:

- ❑ **ES-APP-DPL (Build and Deploy New Cloud Applications):** This scenario is suitable for companies that need to start developing new applications from scratch. You can create brand new cloud applications and reach your end customers easily, with a low learning curve and small capital investment in software and hardware.
- ❑ **ES-EXT (Build Custom Extensions):** This scenario is suitable for companies that have already invested a lot in on-premise IT infrastructure or develop extensions to other cloud products, such as SAP SuccessFactors, SAP S/4HANA Cloud, and SAP Cloud for Customer solution. You can create the new extensions to the system on the cloud, and securely integrate with the on-premise components using Connectivity Service and Cloud Connector, or use the extension capabilities of SAP Business Technology Platform for your cloud solution.
- ❑ **BTP-ABAP :** Certify your SaaS application built with [SAP BTP ABAP environment](#) allowing customers to remain agile and adapt quickly to shifting implementation requirements.

Build and Deploy New Cloud Applications (ES-APP-DPL)

- ❑ With SAP Extension Suite, SAP supports various programming languages on the Cloud Foundry, Kyma environment and ABAP environment. The partners/ISVs can build new Cloud applications of your preference environment and programming languages.

- ❑ **For Cloud Foundry environment:**
 - ❖ **SAP HANA Applications:** Build native SAP HANA Application using SAP Web IDE Full-Stack Development tool
 - ❖ **Java Applications:** Develop, deploy, and run Java applications using application containers such as Tomcat, TomEE, TomEE7, and Java Main
 - ❖ **SAP UI5/HTML5:** Create apps with rich user interface for modern Web business applications, responsive across browsers and devices, based on HTML5
 - ❖ **Python Applications:** Develop and run Python applications using the standard Python buildpack
 - ❖ **Node.js Applications:** Create and run Node.js applications using the standard Node.js buildpack

- ❑ **For Kyma environment:**
 - ❖ Create microservices in the language of your choice
 - ❖ Create Functions in Node.js or Python

Build Custom Extension (ES-EXT)

- ❑ The Extension capabilities of SAP Business Technology Platform enables ISVs/partners to build, deploy, and operate new functionality on top of the existing SAP Cloud/ /on-premise solution.
- ❑ Build extension applications for SAP SuccessFactors, SAP ERP or SAP S/4HANA, SAP S/4HANA Cloud, SAP Cloud for Customers, SAP Commerce Cloud, SAP Field service Management, etc.

Partner SaaS Solutions built with SAP BTP, ABAP Environment (BTP-ABAP)

- **Option to certify two flavors of Partner SaaS Solutions:**

- Standalone ABAP Solution that runs on SAP BTP.
- ABAP Solution that builds an extension to other SAP cloud products, such as e.g. SAP SuccessFactors or SAP S/4HANA Cloud. You can also integrate the solution with on-premise components using Connectivity Service and Cloud Connector.

- ABAP App runs on SAP BTP as a Fiori application and/or a Web API consumer.

- [Naming conventions](#) must be adhered for all development objects.

- Implementation of the ABAP App must follow the [respective SAP guidelines](#).

- ABAP App must be packaged and distributed utilizing “[Add-on Assembly Kit as a Service](#)”.

- Successful security code scan for ABAP App using code scanning tool of ABAP development environment.

- Following Guides must be provided:

- Operations Guide for Partner’s DevOps team
- Admin and SLA Guide for Customer
- Guide for Incident Management / Support / Maintenance

- **Successful functional end-2-end-test of the ABAP App, including integration with connected systems:**

- Partner must derive test scenarios and test cases, based on the business processes flow.
- Partner must show the solution in a consumer sub-account to “simulate” the administration of the solution in a customer situation.
- All provided test scenarios must be executed successfully.
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Benefits of SAP Certified Integration

Opportunity for Growth and Participation

By supporting market-leading solutions from SAP and offering integrated solutions to its customer base

May experience faster sales cycles

Certification serves as proof point for technical alignment with SAP solutions

Increased Potential for Success

Faster implementations and deployments in SAP solution-based landscapes

Accelerated ramp-up on SAP knowledge for smaller ISVs

Marketing Benefits

SAP Interface Certificate and an official “SAP Certified” solution logo:

SAP® Certified
Built on SAP Business Technology Platform

Listing in [Online Directory](#)

Press release review

Promotion during events, positioning the product as “certified” to SAP customers and consulting partners

Technical Details

SAP Business Technology Platform:

- Please check the official SAP help pages for details on [SAP Documentation](#) and the [SAP Developer Center](#).

Test System Recommendation from ICC:

- Free SAP Extension Suite developer account:

[Get a free trial](#)

The free developer account might not be suitable for a certification test drive due to the beta functionality offered there and/or limited availability.

Certification Price & Validity

Certification Price

Euro currency is applicable to all countries

Deployment of New Cloud Applications (ES-APP-DPL)

The fee is **1500 Euros** yearly

Extension Application (ES-EXT)

The fee is **3000 Euros** yearly

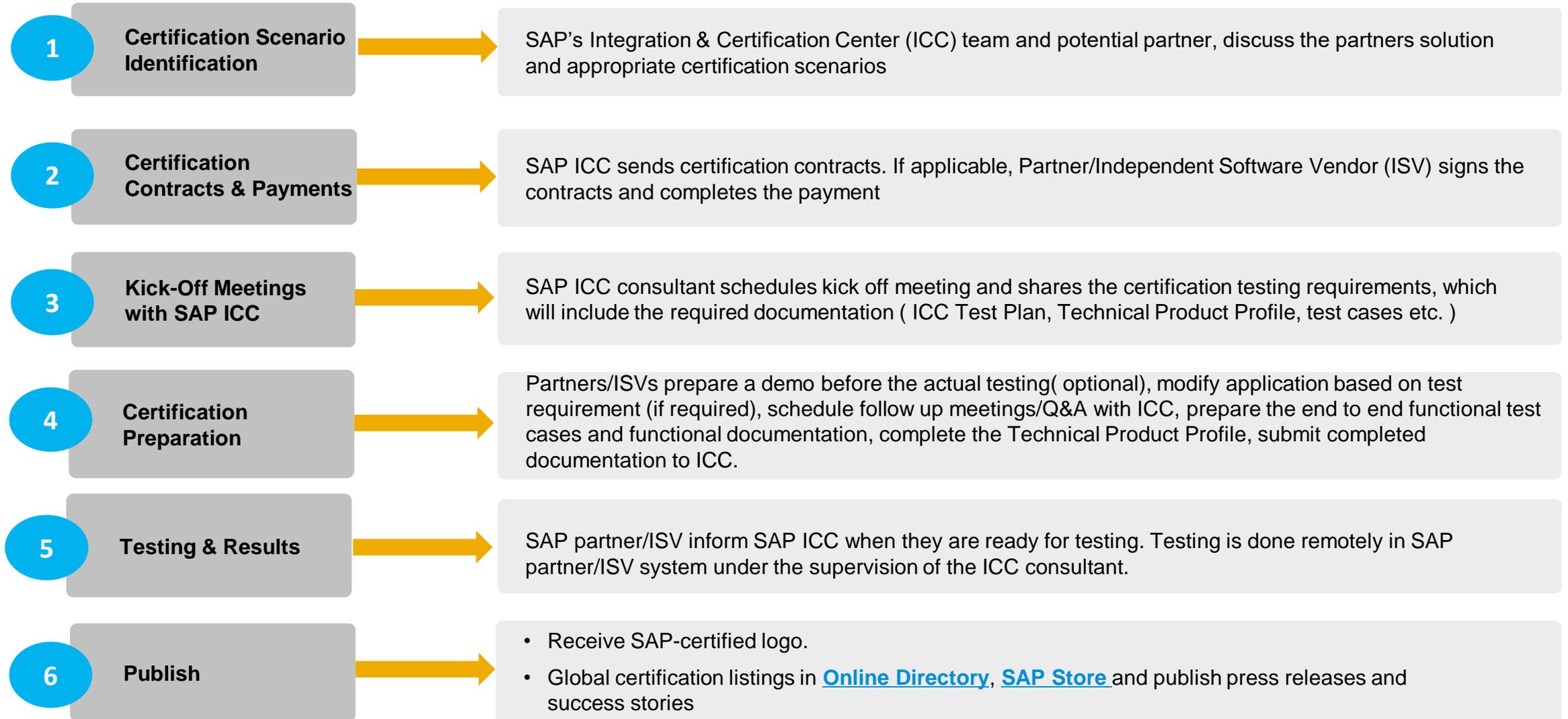
SAP BTP ABAP Environment (BTP-ABAP)

The fee is **3000 Euros** yearly

Validity of Certification

Certification for SAP Extension Suite integration scenarios are valid for one year.

Certification Process Overview



Related Links

SAP ICC Application Form

- ❑ Please fill in [SAP ICC online application form](#) with information about your company and about the software application that you want to integrate in order to apply for an integration certification.

Know More About Certification

- ❑ To learn more about certification please visit [Software Certification](#) page
- ❑ Success Story on [SAP Cloud Platform Certification](#)
- ❑ SAP Training and Help: Please refer to [SAP Education](#)

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