



# SAP ICC Integration Scenario- SAP Business One 10 Certification

PUBLIC

# Introduction

- ❑ In today's market many SAP partners who resell SAP Business One distinguish themselves from their competition by providing their own add-ons, integrations and packaged IP together with SAP Business One. The [SAP Integration and Certification Center](#) (SAP ICC) offers consulting services and certification for these partner solutions. Partners can contact [icc@sap.com](mailto:icc@sap.com) to receive consulting on best-practices, how to develop in the SAP Business One environment and can submit add-ons for testing to earn the branding "SAP-certified Integration".
- ❑ Multiple add-ons in various technical environments or for different industries can receive a certification discount (see slide 12)
- ❑ Third-party solutions that conform to SAP Business One integration standards and conventions are eligible for SAP Business One Add-On Solution Certification. SAP Channel Partners can develop SAP Business One add-on on for both SAP Business One and SAP Business One version for SAP HANA.
- ❑ Partners can certify both horizontal and industry-specific solutions designed to integrate seamlessly with SAP Business One.
- ❑ On May 4th 2020, SAP make SAP Business One 10.0 PL01 GA for market.

# Overview

- ❑ **SAP Business One Add-on Solution Certification (B1-SDK)** :- This is available for SAP Business One SQL environment and SAP Business One Cloud. All SAP partners - such as resellers or ISVs - can develop SAP Business One add-ons with SAP Business One SDK tool kit. From SAP Business One 10.0 PL01, Service Layer is also enabled for MS SQL.
  
- ❑ **SAP Business One Add-On Solution Certification for SAP HANA (B1-HANA)** :- Based on the rules outlined in the SAP Business One Add-on Solution Certification for SAP HANA test plan, ISVs can develop add-ons to integrate with SAP Business One with SAP Business One SDK, or use Service Layer.
  
- ❑ **SAP Business One Cloud Certification (B1-Cloud)**:- The SAP Business One Cloud Solution Certification targets partner solutions complementing SAP Business One Cloud and running in the cloud landscape.
  
- ❑ **Integration Framework for SAP Business One (SAP B1-IFW)**:- Integration framework covers **ALL** integration aspects in **ONE** product
  - Message-oriented middleware
  - Mobile server
  - Lightweight Business Process Management
  - Enables analysis and reporting

*Detailed description about each SAP Business One Add-ons certification options are given in the Test Plan document.*

# 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**  
Integration with SAP HANA®

or

**SAP® Certified**  
Integration with Cloud Solutions

**SAP® Certified**  
SAP Business One Integration

Listing in [Online Directory](#)

Press release review

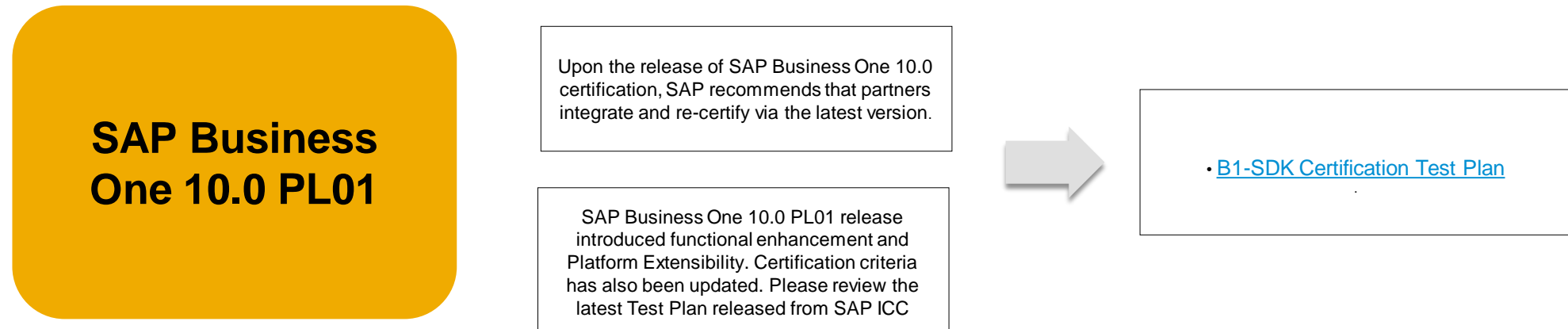
Promotion during events, positioning the product as “certified” to SAP customers and consulting partners

# Technical Details: B1-SDK 10 – SAP Business One Add-on Certification 10 for MS SQL

- ❑ B1-SDK add-on certification - This is available for SAP Business One for MS SQL environment and SAP Business One Cloud. All SAP partners - such as resellers or ISVs - can develop SAP Business One add-ons with SAP Business One SDK tool kit.
- ❑ All SAP partners - such as resellers or ISVs - can develop SAP Business One add-ons with SAP Business One SDK Tool Kit.
- ❑ Based on the criteria outlined in the test plan, ISVs and partners can develop add-ons to integrate with SAP Business One at the data and/or user interface level using the SAP Business One SDK Data Interface (DI), Data Interface Server (DIS) and the User Interface (UI) Application Programming Interfaces. From SAP Business One 10.0 PL01, Service Layer is also enabled for MS SQL.
- ❑ SAP Business One Partners with a valid SAP Business One development license can download SAP Business One and the SAP Business One SDK from the [SAP Service Marketplace](#).
- ❑ In particular to support partners who offer multiple horizontal solutions, such as productivity add-ons and others, SAP ICC offers volume pricing.
- ❑ SAP partnership is a pre-requisite to register for B1-SDK certifications. Please register for partnership online at: <https://www.sapappsdevelopmentpartnercenter.com/en> and follow the guide provided from your partner manager. Please contact your partner manager to request certification, once your company is an SAP Business One partner.
- ❑ Another pre-requisite is the correct usage of a partner specific namespace. A namespace can be requested via <https://support.sap.com/namespaces>

# Technical Details: B1-SDK 10 – SAP Business One Add-on Certification 10 for MS SQL

- During the certification project the SAP Integration and Certification Center consultant introduces our published guidelines to ensure data integrity and to minimize conflicts, and offers recommendations on usability and overall quality improvements of the add-on, if needed.
- The SAP Business One Add-on Solution certification test comprises of technical, functional and scalability/performance requirements as they apply to the integration of the add-on with SAP Business One.



# Technical Details: B1-SDK 10 – SAP Business One Add-on Certification 10 for MS SQL

## Test System Recommendations:

**B1TE:** The SAP Business One Test Environment (B1TE) is a set of tools that helps profile the usage of the SAP Business One APIs by a solution. These tools do not require the source code or a development environment (e.g., Visual Studio) and can be helpful in many ways, including:

- profiling the execution in the performance tuning phase of development
- Troubleshooting run-time issues in customer installations
- Checking possible compatibility breakages in an add-on

These tools are also used by SAP during the [solution certification phase](#).

Please contact your [SAP ICC](#) for obtaining the right tool kit

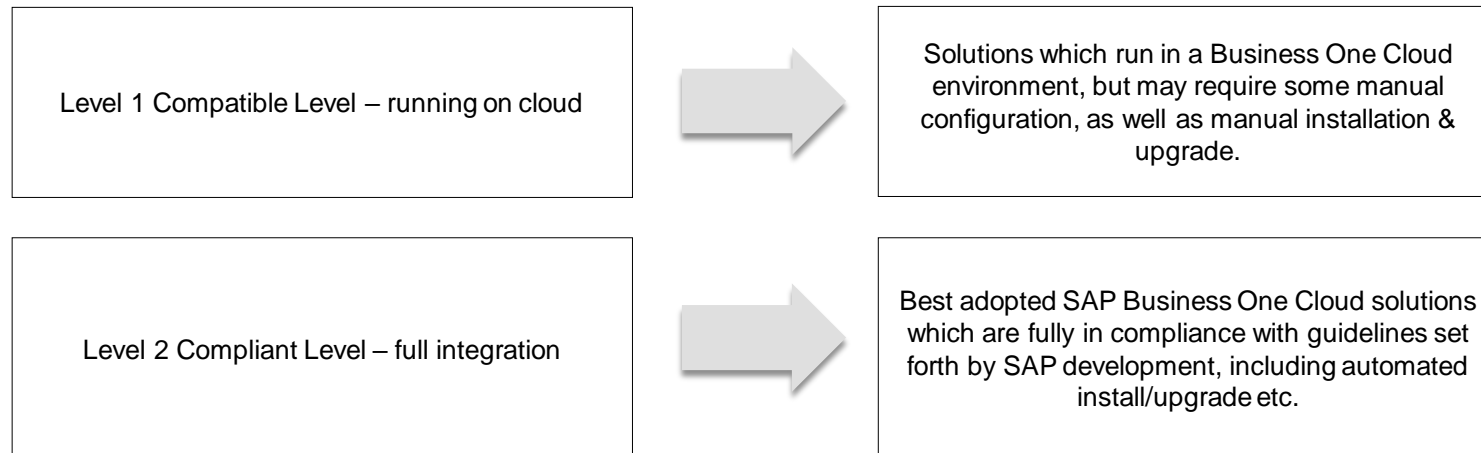
# Technical Details: B1-HANA 10 SAP Business One Add-on Certification for SAP HANA version 10

- ❑ Based on the rules outlined in the SAP Business One Add-on Solution Certification for SAP HANA test plan, ISVs can develop add-ons to integrate with SAP Business One at the data and/or user interface level using the SAP Business One SDK Data Interface (DI), Data Interface Server (DIS) and the User Interface (UI) Application Programming Interfaces.
- ❑ ISVs can also utilize Service Layer for integration purpose
- ❑ SAP ICC suggest to perform the testing remotely online.
- ❑ ISVs shall make sure you have below testing environment before you start development and request an official certification testing.
  - SAP HANA Database System for SAP Business
  - SAP Business One – the version mentioned in the certification contract
  - Latest support packages for SAP Business One
  - Required patch level will be communicated by the ICC consultant
  - SAP Business One Testing Tool – B1TE and SAP Business One Test Environment for SAP HANA – B1HTE
- ❑ SAP ICC consultant will provide the testing tool for ISVs before certification testing will be conducted.
- ❑ SAP Business One HANA Certification Test Plan: The certification test plan describes the test steps conducted during the certification test session to verify the solution. You can obtain the B1-HANA 10 SAP Business One Add-on Certification for SAP HANA version 10 from [here](#)



# Technical Details: SAP Business One Cloud Certification (B1-Cloud)

- ❑ The SAP Business One Cloud Solution Certification targets partner solutions complementing SAP Business One Cloud and running in the cloud landscape.
- ❑ The overall goal is to validate the seamless integration of a Software and Solution Partner (SSP) solution in the SAP Business One Cloud architecture, the implementation and provisioning of the solution according to SAP development standards and guidelines and the stability of the solution running in the cloud landscape.
- ❑ According to the level of compliance of the solution with the Business One Cloud architecture, the certifications results into 2 levels:



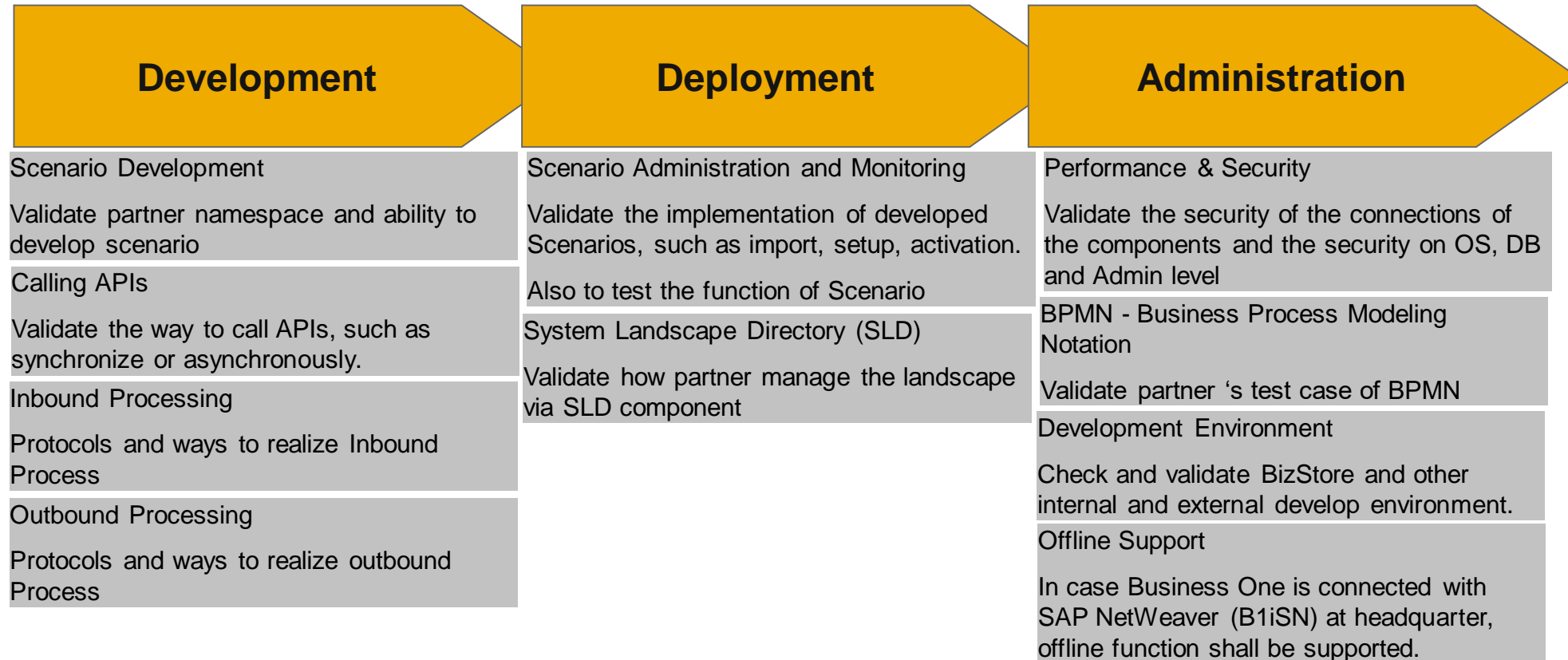
# Technical Details: SAP Business One Cloud Certification (B1-Cloud)

- ❑ In order to test your solution running in the SAP Business One Cloud Environment and to conduct the certification tests itself you need to request a test and certification landscape. The landscape is free of charge and will be available for two weeks. To request such a testing environment, you need to have a valid certification contract. Please contact Forrest Hu for requesting test and certification landscape.
- ❑ Extension Certification for SAP Business One Cloud: This Guide provides information about the technical requirements for certifying extensions to work with SAP Business One Cloud.
- ❑ SAP Business One Cloud Certification Technical Product Profile: This document is a checklist of all major aspects relevant for the certification, the topics will be checked during the certification process. This document will be only available upon a valid certification contract.
- ❑ SAP Business One Cloud Certification Test Plan: The certification test plan describes the test steps conducted during the certification test session to verify the solution.

# Technical Details: Integration Framework for SAP Business One (SAP B1-IFW)

- ❑ Integration framework covers **ALL** integration aspects in **ONE** product
  - Message-oriented middleware
  - Mobile server
  - Lightweight Business Process Management
  - Enables analysis and reporting
- ❑ Web browser-based user interface, **access** it from wherever you are
- ❑ Interacts with **SAP HANA**, Microsoft SQL server and all JDBC databases
- ❑ Runs on premise and in the **cloud**
- ❑ Provides a programming language addressing **integration requirements**
- ❑ **Technical adapters** and **payload type converters** provide connectivity to SAP and non-SAP systems
- ❑ Integration Framework for SAP Business One Test Plan: The [certification test plan](#) describes the test steps conducted during the certification test session to verify the solution.

# Technical Details: Integration Framework for SAP Business One (SAP B1-IFW 1.0)



# Certification Price & Validity

## Certification Price

Euro currency is applicable to all countries

The fee for certifying an add-on is 3500 Euros for single certification

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The fee for re-certifying a previously certified add-on will be 1,750 Euros for single certification

## Volume Pricing

(multiple horizontal add-ons etc.)

ISVs and partners may also want to subscribe SAP Business One volume certification, which will enable you to certify multiple add-ons – such as horizontal add-ons, or the same solution in different environments (SQL, HANA, Cloud).

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Single Certification: 3.500 €

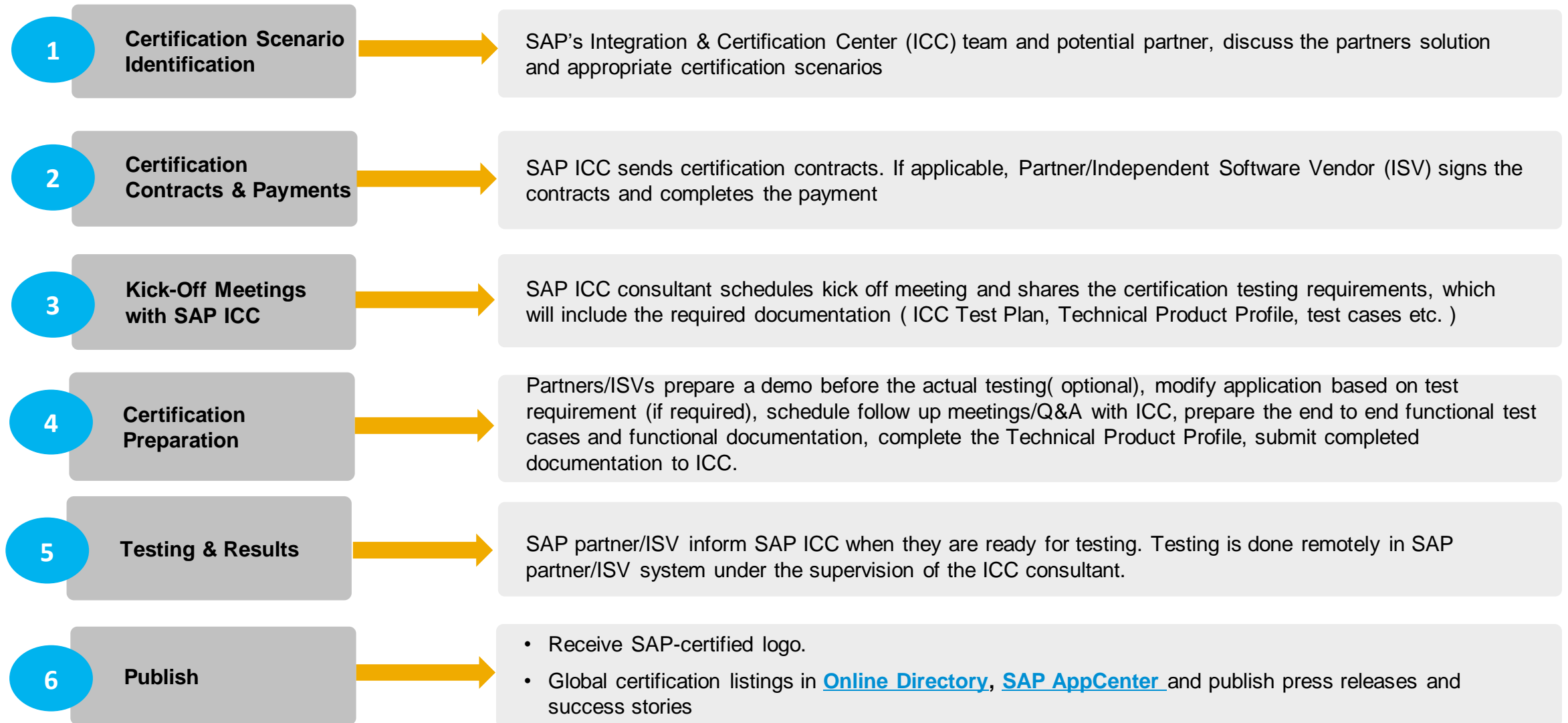
3 B1 Add-on Certifications: 5.000 €

7 B1 Add-on Certifications: 7.000 € (*for more add-ons at a time, please contact [us](#) for pricing*)  
(no additional re-certification discounts as part of the volume pricing)

## Validity of Certification

SAP Business One certifications are valid for three years

# 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.
- ❑ [SAP Business One Application Community](#).
- ❑ [SAP Business One on SAP Partner Edge \(SMP login required\)](#).
- ❑ [SAP HANA Installation Guides](#).
- ❑ [SAP HANA Developer Guide](#).
- ❑ SAP Training and Help: Please refer to [SAP Education](#).

**Thank you.**



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