

Quick overview in order to complete the **JAVA-EE-NW 7.3** certification scenario based on **SAP NW (CE) 7.3**



Bernhard Weiss

Joined SAP in August 1989.
He currently works for the
Integration and Certification Center at SAP
in Walldorf, Germany
[\(Complete bio appears on page 3\)](#)

[Short Introduction](#)

SAP NetWeaver is the open integration and application platform that integrates people, information, and processes. It powers not only SAP Business Suite but also partner solutions and customer custom-built applications. SAP NetWeaver aligns IT with the business and lowers the total cost of ownership of your IT infrastructure.

[SAP NetWeaver 7.3](#) provides complete support for Java technology.

The **JAVA-EE-NW 7.3** certification scenario based on the [SAP NetWeaver 7.3 Application Server Java™ EE 5 Edition](#) allows you to have your [J2EE 1.4](#) and / or [Java EE 5](#) application certified on the SAP Java EE application server. The SAP NetWeaver CE 7.3 Application Server Java™ EE 5 Edition is a component of the [SAP NetWeaver 7.3 Composition Environment \(CE\)](#).

With the SAP NetWeaver CE 7.3 environment, SAP delivers and supports the [SAP JVM](#), which is a certified **Java SE 6 Virtual Machine (VM)** and **Java Development Kit (JDK)**, based on the Sun HotSpot technology.

Furthermore, you can make use of the [SAP NetWeaver Developer Studio](#) based on [Eclipse 3.5](#) which is SAP's own environment for developing / [migrating](#) / [deploying](#) Java-based, multiple-layered business applications.

What is **JAVA-EE-NW 7.3** deployment certification based on the SAP NetWeaver CE 7.3 Java EE application server?

With the SAP Java EE application server, you can develop J2EE 1.4 and / or Java EE 5 applications based on [Java EE 5 technology](#), or migrate an existing J2EE 1.4 / Java EE 5 compliant application on to our [SAP NetWeaver technology platform](#) and have the application (product) [certified](#).

Thus, you need to decide what you want, or better said do your business and technical expectations match those of your SAP customers? In other words, will a SAP customer only buy your product if it has been certified? Or maybe you want to have your favorite EE 5 application certified in order to meet one of the prerequisites in order to become a [SAP software partner](#)? Or maybe you want / need to recertify your product which was previously certified on the [SAP NetWeaver 7.0 Application Server Java](#), [SAP NetWeaver 7.1 Application Server Java EE 5 Edition](#) or [SAP NetWeaver 7.2 Application Server Java EE 5 Edition](#) because you now need [Java SE 6](#) and / or [Eclipse 3.5](#) support offered with the **JAVA-EE-NW 7.3** certification scenario?

In order to be successful with your decision and the resulting product certification, you need to know what to do, what you need, why you need it, and most importantly how to proceed in the proper manner. We make sure your product is certified on the correct SAP release. Thus, your certification will be geared towards what you need and what your SAP customer expects of you.

What's the difference between the integration scenario JAVA-EE-NW 7.2 and JAVA-EE-NW 7.3?

There are some differences. However, what matters is what you need from a technical perspective in order for your application to run smoothly on the SAP Java application server. So if you technically compare [what's new in SAP NetWeaver 7.2 Composition Environment \(CE\)](#) with [what's new in SAP NetWeaver 7.3 Composition Environment \(CE\)](#), you can better decide which scenario you might need. In general, you should certify your J2EE / EE 5 product on the SAP Java application server release which the SAP customer uses in his productive environment. Thus, if the SAP customer has a Java SAP NetWeaver 7.0 and / or 7.1 and / or 7.2 and / or 7.3, then you should certify your product on each of those platforms "when and if needed". With "when and if needed", we mean you need to understand the SAP customer business case and yours, and see if the expectations match from a technical perspective. For example, if the SAP customer presently has SAP NetWeaver 7.3 Application Server Java EE 5 Edition installed, you should certify your product SAP NetWeaver 7.3 Application Server Java EE 5 Edition. Maybe the SAP Customer (a large multinational company) has SAP NetWeaver 7.0, 7.1, 7.2 and 7.3 Application Server Java installed, then you need to decide along with your dedicated ICC consultant, which of these releases might be relevant to have your product certified on.

Ever since we introduced J2EE / EE 5 application product certification, ICC has offered for each major SAP release (6.20, 6.40, 7.0, 7.1, 7.2 and now 7.3) a new certification scenario in order to take into account different technical dependencies and J2EE / EE 5 standards. This ensures that when you certify your product on a specific SAP release it will work on the same SAP release which the SAP customer has installed and running in production. See this [table](#) in order to see how the Java application server has evolved with the different SAP releases, taking into consideration such things as Java specifications, SAP specific changes, SDK's, JVM's, Eclipse etc. As with previous certification scenarios, your JAVA-EE-NW 7.3 certified application will be [SAP Solution Manager Ready!](#)

With the certification scenarios JAVA-EE-NW 7.2 and JAVA-EE-NW 7.3, **the process of preparing and having your product certified is identical**. You go through the same certification steps. The only differences are the SAP releases (either 7.2 or 7.3), and the specific changes per SAP release as already mentioned above (compare [what's new in SAP NetWeaver 7.2 Composition Environment \(CE\)](#) with [what's new in SAP NetWeaver 7.3 Composition Environment \(CE\)](#)). Thus, if you need new features contained with SAP release 7.3 and these features are what your SAP customer needs, then you would certify your product on SAP release 7.3. Maybe the SAP customer has SAP release 7.2 and 7.3 installed at different locations around the world, and the product you want to sell him, needs to be used on both SAP releases 7.2 and 7.3? Then you would certify your product on both SAP releases 7.2 and 7.3. **When in doubt which integration scenario to choose, please ask your designated ICC integration consultant.**

Where can you find information on what you need to do next in order to certify your product?

For the **JAVA-EE-NW 7.3** certification scenario, please download the [java_ee_nw_73.zip](#) file. Extract the zip file and read the contents of the **README1ST.PDF** file which tells you exactly how to proceed and what needs to be done.

Bernhard Weiss joined SAP during August 1989.

He currently works for the Integration and Certification Center at SAP in Walldorf, Germany

Prior to joining SAP, he worked as a financial analyst and controller and in management information systems for 3 years with a US multinational and UK based corporation. After joining SAP in 1989, he worked 4 1/4 years as a support engineer in R/2 hotline - SAP QSA, in the area R/2 RF. Subsequently, before joining the department ICC, he worked 9 years as a system administrator within SAP IT, in the areas of OS/2, Windows, Linux, Lotus Notes/Domino, training and internal production systems, VMware, 7x24 support, networking, hardware, monitoring. Bernhard's current focus within ICC are SAP NetWeaver integration technologies, for example, J2EE and CCMS, lowering TCO, outsourcing, server and system consolidation of ICC test systems utilizing VMware. In addition to his SAP expertise, Bernhard holds/obtained an MBA (Master of International Business Administration from Thunderbird, The American Graduate School of International Management), BA (Bachelor of Science in Business Administration from Bowling Green State University), and Arts (Associate of Arts from Cuyahoga Community College). Bernhard lived 16 years in the United States and is bilingual in English and German.

Should you have further questions please contact your SAP Integration and Certification Center: icc@sap.com