

Questions and Answers for Developers About SAP NetWeaver® Cloud

The SAP NetWeaver® Cloud platform is a [scalable, secure, modular, open-standards platform as a service \(PaaS\)](#). It lets partners and customers of all sizes build loosely coupled cloud-based applications that integrate with and extend the value of existing on-demand and on-premise solutions. You benefit from the innovation these applications bring without the disruption of updating legacy software.

What does SAP NetWeaver Cloud include?

SAP NetWeaver Cloud provides:

- An Eclipse-based software development kit (SDK) for building, testing, and deploying applications in the cloud
- A secure, scalable runtime environment with reusable platform services like persistency, enterprise content management, identity federation, and connectivity
- A Web-based operations console to monitor and control applications and the virtual infrastructure

Did SAP NetWeaver Cloud ever have a different name?

Yes. SAP NetWeaver Cloud was known by several "project names" prior to its market introduction. These names included SAP NetWeaver "On-Demand," "JPaaS," "Neo," "Project River," and "Edge Platform."

What languages and frameworks are supported?

SAP NetWeaver Cloud is intended to be a multilanguage and multiframework PaaS offering. It currently supports Java EE 6 Web Profile. The open nature of the platform also allows developers to work with Spring Framework and other third-party frameworks that compile to Java. Support for JRuby and Java 7 is pending, while support for other runtime environments is planned for future releases.

How can I connect to my on-premise software from SAP NetWeaver Cloud?

SAP NetWeaver Cloud provides a secure, reliable, and easy-to-consume connectivity solution for both cloud-based and on-premise software. This connectivity solution – simply called the "connector" – consists of software that is deployed on premise behind the firewall. You can configure the connectivity options using the Eclipse-based SDK in SAP NetWeaver Cloud and deploy them to the cloud.



Is the “connector” the same thing as SAP NetWeaver Gateway technology or SAP NetWeaver Process Integration (SAP NetWeaver PI) technology?

The connector in SAP NetWeaver Cloud manages the flow of data between the cloud and one or more predefined “destinations.” The destinations can be SAP NetWeaver Gateway, SAP NetWeaver PI, or any other on-premise resource, provided that it exposes data via Web or Representational State Transfer (REST)-based services. Future releases may enable “point-to-point” integrations by invoking native remote function calls (RFCs) directly from the connector.

What infrastructure does SAP NetWeaver Cloud run on?

SAP NetWeaver Cloud runs on infrastructure in data centers operated by SAP. Today, the platform is supported by two data centers in Europe. SAP is in the process of rolling out the platform to data centers around the world.

Can I use the SAP HANA® database in the cloud?

SAP plans to provide developers with several options for leveraging the SAP HANA database in applications built with SAP NetWeaver Cloud. Currently, SAP HANA runs in a virtualized environment and is shared across tenants isolated by schemas. In the future, it may be possible to deploy a dedicated instance of the SAP HANA database on hosted hardware outside of the virtualized environment. Developers may also use the connector in SAP NetWeaver Cloud to integrate with instances of the SAP HANA database on premise.

How will SAP protect my data in the cloud?

SAP has designed its data centers to offer comprehensive multilevel security engineered to protect your mission-critical business data and assets. The built-in security extends from maintaining strong physical security of the data center to safeguarding the data at rest and in transit.

Has SAP NetWeaver Cloud received third-party certification?

SAP NetWeaver Cloud is certified to meet standards including ISO 27001, Statement on Auditing Standards (SAS) 70 Type II, and International Standard on Assurance Engagements (ISAE) 3402. Audits are regularly conducted, and SAP plans to renew certifications upon their expiration. SAP is also exploring certifications for the platform components not covered in the infrastructure audit.

How can I get access to SAP NetWeaver Cloud?

Get a free developer license of SAP NetWeaver Cloud by visiting the [SAP NetWeaver Cloud Developer Center](http://scn.sap.com/community/developer-center/cloud-platform) page on SAP® Community Network at <http://scn.sap.com/community/developer-center/cloud-platform>. Click the download link in the *Developer Freebies* section. After accepting the terms of service, you will be taken to a profile page. Once you complete this page and select the *Submit* button, you will be presented with a page confirming your acceptance of the terms of service. You will then be prompted to create a free account. Click through on the new *account* button, and your account number will be generated and presented to you on the page.

Where can I get more information – including answers to FAQs for business stakeholders – about SAP NetWeaver Cloud?

While this document focuses on technical FAQs about SAP NetWeaver Cloud, a similar document answering FAQs for business users is also available. To download this document or obtain more information about SAP NetWeaver Cloud, please visit the [SAP NetWeaver Cloud Developer Center](http://scn.sap.com/community/developer-center/cloud-platform) page on SAP Community Network at <http://scn.sap.com/community/developer-center/cloud-platform>.

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