

Rapid Development of Cloud Applications

Enhance and Extend the Value of Your Enterprise Software



The SAP NetWeaver® Cloud platform is a scalable, secure, modular, and open-standards platform as a service (PaaS). It includes comprehensive functionality designed to enable customers and partners to **rapidly build cloud-based business applications** that connect to and extend the value of their SAP® and non-SAP enterprise software. Operated by SAP, the platform is engineered for multilevel security and certified to meet the latest industry cloud standards. Looking ahead, SAP plans for SAP NetWeaver Cloud to leverage the real-time, in-memory SAP HANA® database.

A PLATFORM FOR CUSTOMERS AND PARTNERS ALIKE

At SAP we're building a variety of cloud-based applications with SAP NetWeaver Cloud. For example, we've developed the cloud-based SAP NetWeaver Cloud Portal and launched "Gravity" – a graphical business process orchestration.

Our customers can use the platform to build, deploy, and manage enterprise applications in the cloud. Meanwhile, our partners can use it to build, deploy, and sell enterprise applications on the SAP Store.

For customers and partners alike, SAP NetWeaver Cloud addresses the following business challenges:

- Increase operational efficiency and reduce overall business costs
- Simplify the development, deployment, and management of cloud-based enterprise applications
- Meet rapidly evolving business needs at a low total cost of ownership (TCO)



Overview of SAP NetWeaver Cloud

FEATURES

SAP NetWeaver Cloud is packed with features that let you rapidly build, deploy, and manage cloud-based enterprise applications that complement and extend your SAP or non-SAP solutions, either on premise or on demand.

Enterprise Platform Built for Developers

SAP NetWeaver Cloud is an open-standards, Eclipse-based, module software development kit (SDK). It is certified at the latest industry cloud standards and operated by SAP. The platform supports the complete lifecycle of building and deploying cloud-based enterprise business applications, extensions, and services.

Standards Based

To maximize its development effectiveness, SAP NetWeaver Cloud leverages open source as a key element. The platform supports popular development languages and framework combinations including Java EE 6 Web Profile and Spring Framework. Future plans call for supporting JRuby, Java 7, and other high-productivity SDKs. Ongoing development of SAP NetWeaver Cloud – both by SAP and its ecosystem of partners and developers – is expected to grow and extend the platform by continuously contributing enhancements and new functionalities.

Native Integration with SAP and Non-SAP Software

The SAP NetWeaver Cloud platform facilitates integration. The platform connects to SAP NetWeaver Gateway technology to manage complex integration scenarios with your on-premise SAP Business Suite software. This enables you to readily integrate applications developed on the platform with your existing SAP or non-SAP enterprise solutions, whether they are on-premise or cloud based.

In-Memory Persistence

SAP plans for SAP NetWeaver Cloud to offer the SAP HANA database as a persistence service, taking full advantage of its real-time in-memory computing technology and embedded analytics. As a service on SAP NetWeaver Cloud, SAP HANA will be readily available to application developers without their having to worry about setting up or administering virtual database instances of SAP HANA. SAP NetWeaver Cloud supports other disk-based persistence technologies including SAP Sybase® Adaptive Server® Enterprise (SAP Sybase ASE).

Secure Data Platform

Comprehensive, multilevel security has been built into SAP NetWeaver Cloud. This security is engineered to protect your mission-critical business data and assets and to provide the necessary industry-standard compliance certifications. This built-in protection extends from maintaining strong physical security of the data center to safeguarding the data and enabling full reliability of the service. 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 to help ensure complete infrastructure stability, security, and performance.



Increase operational efficiency and **reduce total cost of ownership** with SAP NetWeaver Cloud.



Lightweight, Modular Application Runtime

Applications developed on the SAP NetWeaver Cloud platform run in a modular and lightweight runtime container (lean Java server) on a virtual machine. They typically consume services that are centrally provided and logically shared across the platform to reduce overhead and maximize performance. SAP anticipates that SAP NetWeaver Cloud will include the following services:

- Persistence service
- Enterprise content management
- Connectivity (allowing the applications to securely access on-premise, back-end systems)
- Identity management (ID service from SAP)
- Operations console
- Mail

BUSINESS BENEFITS

With SAP NetWeaver Cloud, you can realize the full benefits of cloud computing – fast.

Accelerate Time to Value

SAP NetWeaver Cloud lets you quickly build and deploy applications that deliver critical new functionality to meet emerging business needs.

Extend the Value of Existing Applications

Whether your existing enterprise solutions are on premise or on demand – whether they rely on data from SAP or non-SAP software – the SAP NetWeaver Cloud platform provides native connectivity based on open standards. As a result, it streamlines the integration of your new applications at the lowest possible TCO.

Increase Developer Productivity

Support for open programming standards provides a low barrier of entry for developers, making them productive from the start in building enterprise applications that can integrate with any SAP or non-SAP solution. No new coding skills are required.

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Lower Risk and Improve ROI

SAP NetWeaver Cloud requires no up-front capital investment in hardware or software for customers and partners, allowing them to get started cost-effectively and reduce their overall risk.

Decrease Costs

Because SAP manages the platform operations (including patches and upgrades), SAP NetWeaver Cloud can reduce the cost of cloud application development and deployment.

AVAILABILITY

The SAP NetWeaver Cloud platform is generally available. To obtain a free license, sign up at the SAP NetWeaver Cloud Developer Center, on SAP Community Network at <http://scn.sap.com/community/developer-center/cloud-platform>.

MORE INFORMATION

To learn more about the SAP NetWeaver Cloud platform, visit the SAP NetWeaver Cloud developer center at <http://scn.sap.com/community/developer-center/cloud-platform>.



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