

Sun™ End-to-End Identity Management Solutions for SAP NetWeaver

Efficiently Managing Identities for Improved Security and Lower Costs



Key Benefits

- Provides users with faster access to various systems using enterprise single sign-on, even as their roles, responsibilities, and relationship with the corporation change
- Single point of administration for user and access management
- Potential to reduce administration costs
- Helps ensure that all appropriate authentication credentials are required of users, depending on the value of protected resources
- Provides complete visibility into and control over users access privileges
- Automatically detects and reacts to potential risks such as dormant accounts
- Enforces consistent corporate security policies
- Provides a central point from which user accounts can be instantly revoked
- Helps ensure identity data is accurate and consistent across applications and data stores

SAP NetWeaver is a deployment platform providing services for SAP application modules. It allows customers to build and manage composite, collaborative business services available whenever and wherever they are needed to a community of users that extends beyond corporate boundaries to suppliers, partners, and customers, as well as employees.

Efficiently and cost-effectively managing access and identities to provide secure access for this extensive community requires a centralized approach. Sun's end-to-end identity management solution provides a comprehensive set of identity services to centrally manage expanding user populations for business process execution platforms such as SAP NetWeaver while maintaining tight control over security and costs. It consists of three core components — Sun Java™ System Access Manager, Directory Server, and Identity Manager. Together, they deliver functionality that spans directory services, access control, provisioning, password management, and identity synchronization.

Java System Access Manager

The Java System Access Manager provides SAP NetWeaver environments with a robust, interoperable, standards-based authentication and authorization solution for identity federation. It is integrated with the SAP Enterprise Portal component of SAP NetWeaver through a Sun supplied agent. By using a central point of authentication, role-based access control, and single sign-on (SSO), it provides a scalable security model for SAP NetWeaver, other Web-based applications, and enterprise-wide single sign-on. It simplifies exchange of information and transactions while protecting the privacy and security of vital identity information. It also allows administrators to audit any intrusion or unauthorized access in real time.

Java System Access Manager supports the latest federation standards, including

the Liberty Alliance Phase 2 (ID-WSF) and SAML 1.1. Federated identity support helps provide increased revenue opportunities by enabling trusted partnerships, reduces costs through integration efficiencies, and provides a strong framework for regulatory compliance.

Java System Directory Server Enterprise Edition

The Java System Directory Server delivers a secure, highly available, scalable and easy-to-manage directory infrastructure for storing and using identity data. Its extreme scalability helps reduce costs by decreasing the number of systems deployed. It also reduces costs by centralizing identity information and making that data available to multiple applications, rather than requiring applications to store and maintain data in multiple locations.

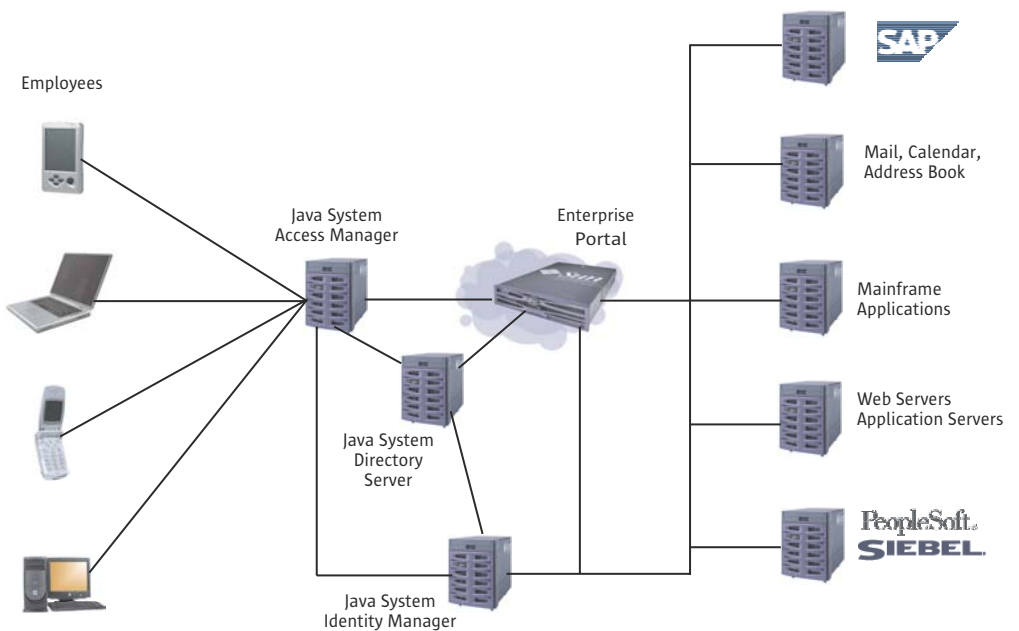
Each user, once authenticated through Java System Access Manager, is granted access rights depending on the information stored in the Java System Directory Server.

In addition, Proxy services provide firewall-like protection against denial-of services and unauthorized access. Multimaster replication, load balancing, and automatic failover help provide directory services around the clock.

Java System Identity Manager

Java System Identity Manager provides the core user provisioning and identity synchronization services of Sun's identity management solution, as well as password management and profile management. It uses role-based access control mechanisms to centrally create and manage users, delegate user administration, and define the access policies for users on intranets and extranets. Using a common identity infrastructure, administration that normally occurs across many applications by multiple administrators can be consolidated into a single management console. This makes it possible to consistently delegate management tasks to partners, customers, and internal company departments based on business requirements.

It automatically synchronizes identity data across a wide range of heterogeneous applications, databases, and other data stores such as Java System Directory Server. This helps ensure that identity data is accurate and consistent both within and outside the boundaries of the SAP NetWeaver environment.



Secure, Reliable Systems

As the need to remotely connect to business applications through the SAP Enterprise Portal component of SAP NetWeaver grows, concerns about network security also grow. The Java System Portal Server Secure Remote Access enables mobile employees, telecommuters, business partners, suppliers, and customers to access personalized portals, including SAP NetWeaver, from anywhere outside the corporate network — without the need for client software.

Providing remote access to internal systems can make any IT manager uneasy. The comprehensive security features inherent in the Solaris™ Operating System, can help them reduce the risks associated with remote access and administration.

Finally, to react quickly to increasing demand, SAP NetWeaver Rapid Installer sim-

plifies the process of installing SAP NetWeaver components for fast and reliable expansion.

Sun and SAP

With proven expertise, a long track record of product and service excellence, and a close working relationship with SAP, Sun offers a comprehensive set of products, services, and support to help ensure SAP NetWeaver environments are secure, cost-effective to manage, and scale with changing business demands. Customers can turn to the Sun Excellence Center for SAP NetWeaver for help in creating a systems architecture for SAP NetWeaver deployments and derive more business value from SAP applications on Sun systems.

Get the details. www.sun.com/sap

