

REDUCE HELP DESK CALLS, IMPROVE END-USER SATISFACTION, AND STRENGTHEN SECURITY WITH SINGLE SIGN-ON FOR SAP CENTRALLY MANAGED USING MICROSOFT ACTIVE DIRECTORY

Active Directory-based single sign-on for SAP NetWeaver AS and AS Java on UNIX and Linux

Centrify DirectControl for SAP on UNIX and Linux delivers secure single sign-on to SAP and centralized identity management by seamlessly integrating SAP with Microsoft Active Directory. DirectControl for SAP on UNIX and Linux is non-intrusive, easy to deploy and manage, fully supported by Centrify and is certified by SAP. The benefit for end-users is that they can now silently authenticate to the heterogeneous systems, applications and databases they are allowed to access without being challenged to re-type a username or password. The benefit for IT managers is that administrators and helpdesk personnel can now use a single administrative tool — Microsoft Active Directory — to define consistent security policies for and to control access to a mix of different vendors' databases, heterogeneous operating systems, and web-based applications within their organization. Key features and benefits include:

SINGLE SIGN-ON FOR SAPGUI AND BROWSER

Enhance Your Users' Productivity (and put smiles on their faces!)

Users no longer have to remember their username and password specifically for SAP. In fact, users will no longer be prompted for their username and password. Through the use of Kerberos, users will log into their Windows or Mac desktop once and gain transparent access SAP.

Reduce Helpdesk Burden

According to the IDC and other respected industry analysts, as many as 40% of helpdesk calls are password or account resets. This results in lost productivity for users and frustration and unneeded expense for helpdesk personnel. Centrify DirectControl for SAP returns this value and quickly pays for itself in improved productivity and as much as a 95% reduction in SAP account reset calls.

DirectControl for SAP Provides Best-in-Class Support for Active Directory

Best-in-class support for complex, real-world Active Directory deployments includes: automatic discovery of the nearest domain controller, support for the global catalog, one/two-way trusts, sites and services support, DC failover, and disjoint AD-DNS namespaces. Other vendors, including the UNIX and Linux distributions, may claim support for Kerberos, but only Centrify provides native support for all the complexity and nuance of Active Directory.

SAP[®] Certified
Integration with SAP NetWeaver[®]

ENHANCED SECURITY FOR SAP ON UNIX/LINUX

Secure SAPgui or Browser Users

SAPgui by default sends communications (including usernames and passwords) in the clear on the network. With DirectControl for SAP, you can avoid sending unencrypted passwords from SAPgui, ensure data transmission integrity and detect tampering of in-flight data, and provide data privacy by encrypting data on the network. Additionally, browser users are able to silently sign on to NetWeaver applications leveraging their existing Active Directory credentials.

Secure the SAP Server Operating System

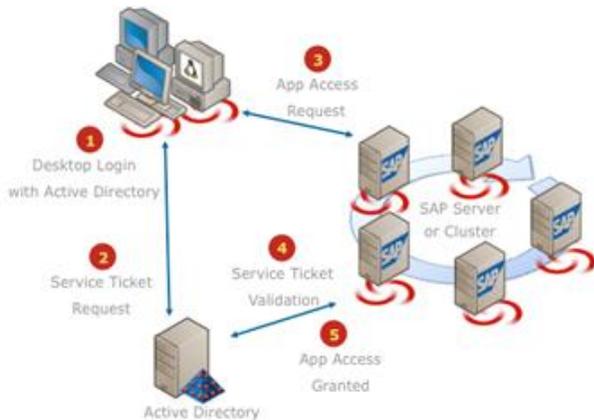
Much like a Windows desktop is a secured network resource by joining Active Directory, so too is the UNIX or Linux server that SAP runs on when DirectControl is used to join the machine to Active Directory. Administrators can use their Active Directory credentials to log in to UNIX or Linux, configure and manage the server through Group Policy, and even capture the shell sessions for later audit and reporting. All of the same benefits of using Centrify DirectControl for Systems are valid in the context of the Centrify DirectControl for SAP solution.

Centrally Manage SSO in Active Directory

DirectControl for SAP talks directly to Active Directory; therefore, all native Active Directory features are supported. This includes support for a centrally managed password policy and the flexible user-naming conventions of Active Directory. Disabling an Active Directory account immediately shuts off access to SAP, eliminating a common security risk related to deprovisioning.

Centrify DirectControl for SAP: How It Works at a Glance

Single sign-on for SAP on UNIX and Linux is an add-on component for any version of the Centrify Suite, which provides a single, Active Directory-based, unified architecture for access control, authentication, authorization and auditing of UNIX or Linux.



DirectControl SSO for SAP Authentication Flow

Leveraging Kerberos tickets provided by Active Directory when users log in to their desktop, SAPgui or the web browser requests access to the service, presents the ticket to SAP via SNC or SPNEGO, and validates the requests with Active Directory via DirectControl.

Zero Maintenance Solution

With an extremely short time to value, DirectControl can be quickly deployed and adopted by end-users. After seven easy deployment steps, users can be silently signing on to SAP using their AD provided Kerberos credentials. That's it: a quick, one-time configuration and no ongoing maintenance. Do more with your scarce IT resources and investments while improving both users' and IT's productivity.

Certified by SAP

For SAPgui users, Centrify leverages SAP Secure Network Communication; BC-SNC is a mature SAP-provided and supported layer for security vendors to integrate with. In addition, Centrify passed the rigorous SAP-created test program that certifies the proper functioning of Centrify's SNC libraries and the DirectControl Agent through the successful completion of hundreds of automated and manual tests.

For browser users of NetWeaver AS Java applications, Centrify leverages Java Authentication and Authorization Services; BC_AUTH_JAAS is the SAP-certified interface for providing authentication plug-ins to NetWeaver AS Java.

Additional Features at a Glance

- No expensive and complex PKI infrastructure required
- Built-in support for SAP clusters and Logon Groups
- Single sign-on for any NetWeaver AS Java application, including Enterprise Portal (/irj)
- Certified for use for any SNC scenario (SAPgui, server to server, secure print services, etc.)
- Centrally manage username and password policies
- Allow users to authenticate using stronger mechanisms like smart cards and biometrics to the client OS

SUPPORTED PLATFORMS

SAP Server OS

- Hewlett Packard HP-UX
 - 11.11, 11.23 PA-RISC (32/64-bit)
 - 11.22, 11.23, 11.31 Itanium (32/64-bit)
- IBM AIX
 - 5.x, 6.x (32/64-bit)
- Novell SUSE Linux
 - Enterprise 8, 9, 10, 11 x86 (32-bit)
 - Ent. Server 9, 10, 11 x86_64 (32/64-bit)
- Red Hat Enterprise Linux
 - AS/ES/WS 3, 4, 5, 6 x86 (32-bit)
 - AS/ES/WS 3, 4, 5, 6 x86_64 (32/64-bit), IA64
- Sun Solaris
 - Solaris 9, 10, 11 SPARC (32/64-bit)

SAP Applications Servers

- SAP R/3 4.0B, 4.5B, 4.6B, 4.6C
- SAP R/3 Enterprise 4.6D, 4.7 (WebAS 6.1, 6.2, 6.3)
- SAP NetWeaver 2004 (WebAS Server 6.4)
- SAP NetWeaver 2004s (AS Server 7.x) (AS Java 7.x)

SAPgui OS Platforms

- Windows 2000, XP SP2+, Windows Vista, Windows 7
- Windows Server 2003, 2003 R2, 2008, 2008 R2
- Mac OS X 10.4.x

SAPgui

- SAPgui for Windows 4.0, 4.5, 4.6D, 6.1, 6.2, 6.4, 7.1, 7.2
- SAPgui for Java 7.1, 7.2

Browsers

- Internet Explorer, Firefox, Safari

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