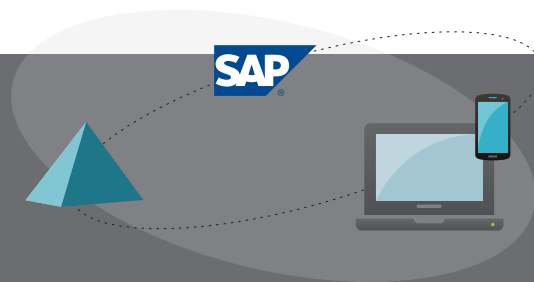


Centrify Secures SAP Apps and Infrastructure

Strengthen security and improve end-user satisfaction with identity-based policy and single sign-on



Centrify for SAP delivers secure single sign-on to SAP apps, and centralized access management to SAP infrastructure, by seamlessly integrating SAP environments with Microsoft Active Directory. End-users can now silently authenticate to SAP applications without having to re-type a username or password. SAP and IT administrators get secure and centrally managed access to SAP apps and infrastructure using a single administrative tool. Now IT can define consistent security policies, and control access to SAP applications and infrastructure running on NetWeaver, HANA, Fiori, and public cloud apps from Microsoft Active Directory.

Single Sign-on for SAPGUI and Browser

Simplify End-user Productivity

Users no longer have to remember separate usernames and passwords for SAP applications. Thanks to Kerberos integration and SAML SSO, users get single sign-on into SAP — both cloud and on-premises — with their Active Directory credentials.



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 for SAP returns this value and

SAP® Certified
Integration with SAP NetWeaver®

quickly pays for itself in improved productivity and as much as a 95% reduction in SAP account reset calls.

Get Best-in-Class Support for Active Directory

Centrify's SAP Certified solution 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.

Eliminate Dedicated SAP Passwords with SAML

Centrify provides SAML integration for SAP single sign-on. SAML eliminates the need to enter a different username and password for SAP, and uses existing identity infrastructure — like Active Directory — for policy-based access control. Eliminate passwords and reduce attack surface, while improving user experience.

Enhanced Security for SAP on UNIX/Linux

Secure SAPGUI or Browser Apps

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

Secure SAP Infrastructure

Much like a Windows desktop becomes a secured network resource by joining Active Directory, so too does the UNIX or Linux server running SAP when Centrify is used to join it 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, manage SAP infrastructure using role-based privilege elevation without knowing the root or database password, and even capture the privileged sessions for later audit and reporting.

Centrally Manage SSO in Active Directory

Centrify for SAP integrates with 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 apps and infrastructure, eliminating common security risks related to deprovisioning.

Secure and Simplify Access to Cloud-based Apps

Today's SAP ecosystem includes traditional NetWeaver apps, but also cloud-based apps. Whether running on the HANA Cloud Platform, on mobile via Fiori, or part of SAP's family of public cloud applications like Concur, Centrify provides policy-based SSO, with optional multi-factor authentication, controlled by IT.

Zero Maintenance Solution

With an extremely short time to value, Centrify 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 credentials. Do more with your scarce IT resources and investments while improving both users' and IT's productivity.

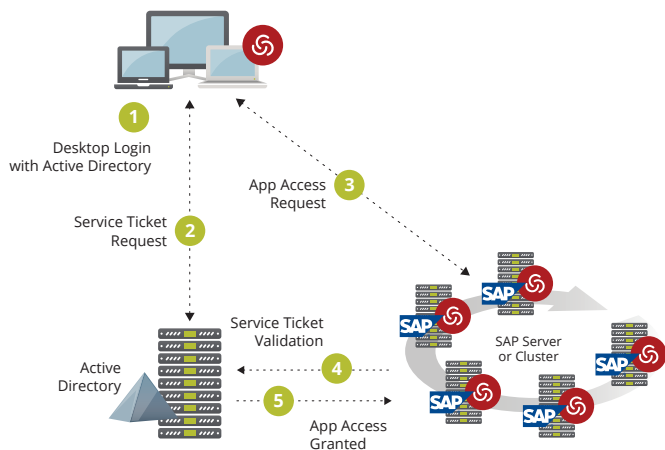
Centrify SSO for SAP: How It Works At-A-Glance

Centrify secures both end user access to SAP apps, and privileged IT user access to SAP servers and back-end environments — all via a single, Active Directory-based, unified architecture for access control, authentication, authorization and auditing.

Centrify provides Active Directory-based single sign-on to SAP apps, whether via a browser, or the SAPGUI. In either case, access is controlled via adaptive IT policy, and can include multi-factor authentication and device context for additional security.

For SAPGUI, Centrify leverages Kerberos tickets provided by Active Directory. When users log in to their desktop, SAPGUI or the web browser request access to the service, presents the ticket to SAP via SNC or SPNEGO, and validates the requests with Active Directory.

Alternatively, Centrify can serve as a SAML Identity Provider, with a trust relationship to SAP. When a user attempts logon to an SAP app from their browser, SAP instead redirects the authentication session to Centrify. When the user is authenticated, based on adaptive policy defined by IT, a SAML token is passed to SAP, and the session is granted to the user.



SSO to SAPGUI via Kerberos



Centrify is the leader in securing enterprise identities against cyberthreats that target today's hybrid IT environment of cloud, mobile and on-premises. The Centrify Identity Platform protects against the leading point of attack used in data breaches — compromised credentials — by securing an enterprise's internal and external users as well as its privileged accounts. www.centrify.com.

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SAP Server OS

- Hewlett Packard HP-UX
 - 11.31 (Trusted and Untrusted) Itanium
 - 11.31 (Trusted and Untrusted) PA-RISC
- IBM AIX
 - 6.1, 7.1, 7.2 ppc
- SUSE Enterprise Linux
 - 10 x86 (32-bit)
 - 10, 11, 12 x86_64 (32/64-bit)
- Red Hat Enterprise Linux
 - 4, 5, 6 x86 (32-bit)
 - 4, 5, 6, 7 Itanium
 - 4, 5, 6, 7 x86_64 (32/64-bit)

SAP Applications Servers

- SAP NetWeaver (ABAP) 7.3, 7.4, 7.5

SAPGUI for Windows OS Platforms

- Windows 7, 8, 8.1, 10
- Windows Server 2008, 2008 R2, 2012, 2012 R2

Other SAP Apps and Platforms Supported

- Business Objects (SAML), SAP Cloud (SAML), HANA (Cloud and On-Prem), Netweaver Fiori
- SuccessFactors, Concur, Ariba, Hybris

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