

Novell Access Manager Appliance 3.2 Beta Readme

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The Novell Access Manager Appliance simplifies Access Manager deployment. It helps you quickly set up the Access Manager system. While installing the appliance, default configuration for all components are created and an association is made between Identity Provider and Access Gateway. The product is ready for use after it is installed.

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1 Features Included in Beta Release

- ♦ **Novell Access Manager Appliance Default Reverse Proxy:** The Novell Access Manager Appliance has a default SSL-enabled reverse proxy (NAM-RP). This reverse proxy can be used to accelerate the Web servers. The reverse proxy is associated with a self-signed certificate, which is created during installation of the primary Novell Access Manager Appliance, with the subject name as the host name provided during the Novell Access Manager Appliance ISO installation. For more information, see [“Managing Reverse Proxies and Authentication”](#) in *Novell Access Manager Appliance 3.2 BETA Access Gateway Guide*.
- ♦ **Sample Application:** The Sample Application is enabled by default during the Novell Access Manager Appliance installation. This application is a single place for launching the Administration Console and the Novell Access Manager Appliance help. You can use the application to learn and experiment the Access Manager Appliance quickly as long as it is not in production. For more information, see [“Sample Application”](#) in *Novell Access Manager Appliance 3.2 Beta Installation Guide*.
- ♦ **Simplified Certificate Management:** The Administration user interface for managing certificates in the Novell Access Manager Appliance has been simplified.
 - ♦ The Novell Access Manager Appliance uses one server certificate for performing the following tasks:
 - ♦ Securing communication between a browser and the Access Gateway reverse proxies, Identity Provider, embedded Service Provider and the SSL VPN.
 - ♦ Signing and encrypting SAML assertions for Identity Provider and embedded Service Provider.
 - ♦ Consuming and providing identity introductions.
 - ♦ Encrypting the tunnel between the SSL VPN client and the SSL VPN server.
 - ♦ **Trusted Roots:** Well-known trusted roots are provided with the Novell Access Manager Appliance. Identity Provider can inter-operate with other Identity Providers or it can provide X 509 authentication for the client certificates signed by well-known trusted roots.

- ♦ **Simplified User Interface for Administration:** Now administrators can configure certificates and trusted certificate authorities to the Novell Access Manager Appliance without worrying about the details of various trust stores and keystores that are internally maintained by the Access Manager Appliance. For the Identity Provider, Access Gateways, and SSL VPN components, the security configuration screens, where the certificate keystores and trust stores are configured, do not appear in the user interface.

For more information, see “[Security and Certificate Management](#)” in *Novell Access Manager Appliance 3.2 Beta Administration Console Guide*.

- ♦ **SSL VPN:** This release supports SSL VPN, which provides secure access to non-HTTP applications, such as e-mail servers, FTP services, or Telnet services. SSL VPN is a Linux-based service that is actually accelerated by (and shares session information with) the Access Gateway.
- ♦ **Clustering:** For additional capacity and for failover, you can cluster a group of Novell Access Manager appliances. Clustering enables the following features:

Configuration Synchronization: You configure the cluster, and the configuration is synchronized to all members of the cluster.

Session Sharing: Each cluster member can handle sessions held by another server in the cluster. After a session is established, the same member usually handles all requests for that session. However, if that cluster member is not available to handle a request, another member steps in and processes the request.

- ♦ **Nsure Audit Server:** Access Manager supports the Novell Nsure Audit server for audit logging and file logging at the component level. Access Manager is configured to send auditing events to the Novell Nsure Audit server to provide compliance assurance logging and to maintain the audit log entries.
- ♦ **Central Metadata Repository:** Access Large scale federations have more than 100+ identity providers and service providers. It is a tedious task to establish bi-lateral relationships with Access Manager. You as an identity provider can now configure several identity providers and or service providers using a multi-entity metadata file available in a central repository. The identity providers and service providers become partners of a community, which maintains a single metadata file containing the metadata of all the approved partners. The identity providers or service providers submit their metadata, which includes specifications of services offered (SAML 1.1 and SAML 2.0) and any other information. This feature is available only for SAML 1.1 and SAML 2.0.
- ♦ **AD FS 2.0 Federation with SAML 2.0:** With the support of the WS-Federation and SAML 2.0 protocols, Microsoft Active Directory Federation Services 2.0 (AD FS) 2.0 provides claims-based, cross-domain, and Web single sign-on (SSO) interoperability with the non-Microsoft federation solutions. Novell Access Manager, through its support for SAML 2.0, enables cross-domain, federated SSO between environments that are running Microsoft and Novell Access manager federation infrastructures.

For help on installing the appliance, see *Novell Access Manager Appliance 3.2 Beta Installation Guide*.

For a detailed list of all the new feature in Access Manager Appliance, see “[What’s New in the Novell Access Manager Appliance](#)” in *Novell Access Manager Appliance 3.2 Beta Installation Guide*.

2 Known Issues in Access Manager Appliance 3.2 Beta

The following table lists the known issues in Access Manager Appliance 3.2 Beta:

Table 1 *Issues*

Issue	Workaround
Appliance installation fails if the hard disk drive size is 40 GB and RAM size is 8GB.	Perform any one of the following actions: <ul style="list-style-type: none">♦ Delete the /var partition during installation.♦ Increase the hard disk drive size or RAM size.
When the Identity Server is not configured and 3.1 SP4 policies are imported into 3.2, the Identity Server configuration fails.	Import the 3.1 SP4 policies after configuring Identity Server.
After upgrading Novell Access Manager Appliance from the Beta Refresh-1 to Beta Refresh-2, the Access Gateway cluster shows its health as "Server may not be operational (Warning)".	Complete the following steps: <ol style="list-style-type: none">1. In the Administration Console, go to <i>Devices > Access Gateways > AG Cluster > NAM-RP > Proxy Service List > SSL VPN</i>.2. Modify the Web server port of the SSL VPN path-based service from 9029 to 3443.3. Save the configuration and apply the changes
The text mode installation of Novell Access Manager Appliance is not supported.	None
The Alert feature does not work with the Access Gateway Appliance.	Restart the Access Gateway Appliance.

3 Documentation

The following sources provide information about Novell Access Manager Appliance:

- ♦ [Documentation Web Site \(http://www.novell.com/documentation/beta/novellaccessmanager32/\)](http://www.novell.com/documentation/beta/novellaccessmanager32/).
- ♦ [Access Manager Support \(http://www.novell.com/support/microsites/microsite.do\)](http://www.novell.com/support/microsites/microsite.do). For TIDs and Cool Solutions articles, select *Access Manager* for the *Product* and *Articles / Tips* in the *Advanced Search* options.
- ♦ [Novell Access Manager Product Site \(http://www.novell.com/products/accessmanager/\)](http://www.novell.com/products/accessmanager/).

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