

Novell Account Management

3.0

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QUICK START

Platform Services Quick Start Guide for Windows

To successfully install and use Account Management Platform Services components, you must read and understand the information presented in *Concepts and Facilities* and *Platform Services Administration Guide*.

Before installing Account Management components, obtain the latest support pack and product updates, and review the Release Notes and Readme files.

PREREQUISITE INSTALLATION AND VERIFICATION STEPS

- 1 Make sure that the STORAGEKEY statement is present and identical in all asamcore.conf files (on the Manager and Agent servers).
- 2 Active Directory* Service Interfaces version 2.5 for Windows NT* 4.0 and Windows* Script Host version 5.6 for Windows NT 4.0 must be installed in order for the Domain scripts to execute correctly on Windows NT. (Windows 2000 and Windows XP ship with these.) These can be downloaded from the [Microsoft* MSDN* Web site \(http://msdn.microsoft.com/\)](http://msdn.microsoft.com/).
- 3 Microsoft patch Q299444 causes scripts to get error 800004005, which is an "Unspecified error." For more information, see Microsoft Knowledge Base article Q311055.
- 4 The Receiver Scripts supplied with Account Management require version 2 of Windows Script Host. You can write your own scripts to version 1 specifications if you prefer.
- 5 The global catalog must be configured to include cn (Common-Name).

Novell®

September 2003

INSTALLING PLATFORM SERVICES FOR WINDOWS

- 1 If you do not have an appropriately configured Platform Set object, use the Account Management Web interface to create a Platform Set object.

Associate users and groups with your Platform Set using the appropriate Search object configuration. Make sure that each Search object for the Platform Set is covered by a corresponding Census Search object.

Generally, Platform Sets are established for Platforms that share a common population of users and groups. Multiple types of Platforms can reside in a single Platform Set, and users and groups can reside in multiple Platform Sets.

Whenever you modify Search objects for the Census or for Platform Sets, start a Trawl to populate the Platforms.

- 2 Use the Web interface to create a Platform object for your Platform in an appropriate Platform Set.

Make sure that you define all of the IP addresses for the Platform in the Web interface so that mutually authenticated SSL will function properly.

HINT: You can initially set Permit Password Replication to No in the Platform object for testing a small number of users. Otherwise, no user is provisioned until password information becomes available from an intercept or an Account Management check password operation on another Platform.

- 3 Log in as Administrator to the server where you are installing Platform Services.

- 4 Retrieve the Platform Services setup program from the File Distribution in the Web interface.

- 5 Run the setup program and follow the on-screen instructions.

Install the Platform Receiver and the Windows Intercept.

If more than a few authentications or password changes will be happening per minute (such as when using the ISAPI filter with IIS on the server), install the Platform Services Process.

- 6 Reboot.

- 7 If you are installing to an Active Directory server, edit the Directory Structure Mapping file `c:\novell\asam\data\asamwin.conf` to ensure that the mapping between eDirectory™ and Active Directory is what you want.

The default file is blank, which causes all Active Directory accounts to be created in the "users" container.

For an example `asamwin.conf` file, see `c:\novell\asam\data\samplewin.conf`.

8 Set up Receiver Scripts.

The Platform Receiver responds to events by running corresponding Receiver Scripts. The Platform Receiver runs Receiver Scripts from `c:\novell\asam\bin\platformservices\platformreceiver\scripts`. The base set of Receiver Scripts is delivered to you in subdirectories of `c:\novell\asam\bin\platformservices\platformreceiver\scripts`. The installation program provides the option to install the base scripts for you.

If you have developed your own set of custom scripts, copy your custom scripts to `c:\novell\asam\bin\platformservices\platformreceiver\scripts`.

9 Set up attribute name mapping.

Review the content of the Attribute Mapping file `c:\novell\asam\data\attrmap.conf` and modify it as appropriate for your installation. The Attribute Mapping file maps the names of attributes received from Account Management to the names used by Windows.

10 Run the Platform Receiver in Full Sync Mode.

This is necessary to initially provision the users and groups in the Census assigned to populate the Platform. Incremental updates can be made as they occur hereafter.

10a Open the Windows Services Control Panel and find the ASAM Platform Receiver Service.

10b Right-click the ASAM Platform Receiver Service and select Properties.

10c Specify `-f` for the Start Parameters.

10d Click Start to start the Platform Receiver Service.

The Platform Receiver Service stops automatically when the Full Sync operation is complete. After it stops, check the Application Log in the Event Viewer. If there are no Platform Services errors or warnings, the Platform Receiver is operating correctly.

11 Set the ASAM Platform Receiver Service and the ASAM Platform Services Process Service to run automatically if desired.

If you want to run any Account Management Service while no user is logged in, you must update the Log On tab for the Service appropriately.

If you have set Permit Password Replication to No for the Platform object, no password information is provisioned to the Platform.

TESTING PASSWORD REPLICATION FOR THE PLATFORM

- 1 If you installed the Platform Services Process, use the Windows Services Control Panel to ensure that the ASAM Platform Services Process Service is running.

If you want to run any Account Management Service while no user is logged in, you must update the Log On tab for the Service appropriately.
- 2 Using the Account Management Web interface, display the Platform object for your Platform and set Password Replication to Yes if it is not already set.
- 3 Using normal Windows tools for the AD, Domain, or Workgroup, change the password of one of the users provisioned to your Windows Platform.
- 4 Wait a couple of minutes. (That should allow sufficient time for the change to propagate for most healthy servers.)
- 5 Verify that the password was communicated to the Account Management Agent by viewing the Audit log for the Agents you configured in the setup program.

The log should state that the password was successfully changed for that user. Any errors appear in the Operational log.

INSTALLING THE AS CLIENT API

You must install Platform Services before installing the AS Client API.

- 1 If you develop API applications using C, copy ascauth.h and ascauth.lib from bin\platformservices\platformclient to places appropriate for your development.
- 2 If you develop API Applications using Java*, copy jascauth.jar from bin\platformservices\platformclient\java to a place appropriate for your development.
- 3 If you develop API applications using the ActiveX* control AscAuthX, run bin\platformservices\platformclient\ascauthx\setup.exe.

INSTALLING AND CONFIGURING THE NOVELL CLIENT PASSWORD INTERCEPT

- 1 Verify that the Novell Client™ version is current.
 - ◆ Version 4.8 or higher for Windows NT, Windows 2000, and Windows XP
 - ◆ Version 3.3 or higher for Windows 95 and Windows 98
- 2 Retrieve the Novell Client Password Intercept Installation Wizard from the File Distribution in the Web interface.
- 3 Close all running applications.
- 4 Run the installation wizard and respond to the prompts.

Be sure to use the correct Agent port number.

If you receive an error message stating that the `asamplat.conf` file already exists, you can usually ignore it because a previous install has configured this file. To verify this, look at `asamplat.conf` in your Windows directory and check that all Agent configurations are correct.

- 5 Reboot to let the in-use files be copied.
- 6 Test the intercept.
 - 6a On the Platform, use ConsoleOne® or a similar utility to change a password for a user that is provisioned to the Platform.
 - 6b Wait a couple of minutes. (That should allow sufficient time for the change to propagate for most healthy servers.)
 - 6c Verify that the password was communicated to the Account Management Agent by viewing the Audit log for the Agents you configured in the setup program.

The log should state that the password was successfully changed for that user. Any errors appear in the Operational log.

IMPORTANT: If you upgrade the Novell Client, you must reinstall the password intercept.