

Novell Account Management

3.0

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QUICK START

Platform Services Quick Start Guide for FreeBSD, HP-UX, Linux, and Solaris

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 You must install or configure an entropy daemon prior to installing Platform Services SSL communications.

HP-UX*: HP-UX does not provide a /dev/random device.

Solaris*: Solaris versions before Solaris 9 do not include a /dev/random device. Sun* has released this functionality for versions 2.6 onward in Patch ID 112438-01.

For your convenience, the Pseudo Random Number Generator Daemon PRNGD is included in the Account Management Distribution Directory, created on the Manager server by Core Services installation.

INSTALLING PLATFORM SERVICES FOR FREEBSD, HP-UX, LINUX, AND SOLARIS

- 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.

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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.

- 3 Log in as root to the server where you are installing Platform Services.
- 4 Retrieve the Platform Services distribution package for your OS from the File Distribution in the Web interface, and place it in a temporary location on the target server.
- 5 Extract the distribution package to the temporary location.

This creates and populates an ASAM directory in the temporary location.

- 6 Run `ASAM/setup/install` and respond to the prompts.

This prepares the `/usr/local/ASAM` directory.

You can now remove all of the files from the temporary location.

- 7 Run `/usr/local/ASAM/bin/PlatformServices/plat-config` and respond to the prompts.

- 8 Review the contents of the Platform Configuration file `/usr/local/ASAM/data/asamplat.conf`.

IMPORTANT: Make sure you have at least one Agent configured if you intend to do authentication redirection.

For an example `asamplat.conf` file, see `/usr/local/ASAM/data/sampleplat.conf`.

- 9 Review the file permissions of `/usr/local/ASAM/data` to ensure that they are appropriate for your installation.

Access should usually be restricted to the Account Management system itself, and to its administrators.

- 10 Configure PAM to call Account Management.

FreeBSD*: Edit your `/etc/pam.conf` file to call the `/usr/lib/pam_ascauth.so` module.

HP-UX: Edit your `/etc/pam.conf` file to call the `/usr/lib/security/libpam_ascauth.1` module.

Linux*: Edit your `/etc/pam.d/*` files to call the `/lib/security/pam_ascauth.so` module.

Solaris: Edit your `/etc/pam.conf` file to call the `/usr/lib/security/pam_ascauth.so.1` module.

Sample PAM configuration files are included in `ASAM/bin/PlatformServices`.

11 Set up Receiver Scripts.

The Platform Receiver responds to events by running corresponding Receiver Scripts. The Platform Receiver runs Receiver Scripts from `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/scripts`. The base set of Receiver Scripts is delivered to you in a subdirectory of `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/scripts` called *platformName*-passwd. The install script offered to install the base scripts for you. If you accepted, then the plat-config script copied all of the scripts in *platformName*-passwd up one level to `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/scripts`.

If you have developed your own set of custom scripts, copy your custom scripts to `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/scripts`.

For information about developing your own custom scripts, see `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/scripts/scriptwriters.README`.

12 Run the Platform Receiver in Full Sync Mode by using the -f command line parameter: `/usr/local/ASAM/bin/PlatformServices/PlatformReceiver/asamrcvr -f`

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.

13 Add Platform Services Process and Platform Receiver operation into routine system startup, shutdown, and scheduling procedures as appropriate.

Optional startup and shutdown scripts are provided in the `ASAM/data/UnixStartupScripts` directory.