

HP Select Audit Software

for the Windows® and HP-UX® operating systems

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LDAP Integration Guide

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- Software Version number, which indicates the software version.
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1 Provisioning Select Audit Users Using Select Identity

This guide contains instructions for provisioning HP Select Audit software users using Select Identity. It contains the following topics:

- [Setting Up SunONE Directory as the Default LDAP Directory in WebLogic Server](#) on page 9
- [Provisioning Select Audit Users Using Select Identity](#) on page 10

Setting Up SunONE Directory as the Default LDAP Directory in WebLogic Server

In the following steps, <Audit Root> represents the install directory. Replace <Audit Root> with <install_dir>.

- 1 Open the WebLogic Admin Console and go to your security realm (by default, **myRealm**).
 - 2 Click **Providers** → **Authentication** and install a new provider. For example, if you are using SunONE 5.2, select the **IPlanet Authenticator**.
 - 3 Make sure your directory server already has the following five groups (objectclass groupOfUniqueNames) in your LDAP location:
 - Administrators
 - Select Audit Administrators
 - Select Audit Auditors
 - Select Audit Users
 - Select Audit Report Developers
 - 4 Make sure your directory server already has the WebLogic administrator user (normally the user name is `weblogic`). This user should be a member of two groups; the Administrators and the Select Audit Administrators.
 - 5 In the **Users** and **Groups** tabs, leave the defaults in place but change the **User Base DN** to the top level of your users, for example, `ou=People,ou=hillcrest,dc=can,dc=hp,dc=comand`. Change the **Group Base DN** to the top level of your groups, for example, `ou=Groups,ou=hillcrest,dc=can,dc=hp,dc=com`.
- In this document, HP assumes all the users in the directory server are using `uid` as the RDN. Otherwise you should change the **User Name Attribute** in the **Users** tab to your RDN attribute.

- 6 If you have group membership loops, for example, group A is a member of group B, group B is a member of group C, and group C is a member of group A, you should limit the group search level to avoid indefinitely group membership searches. In the **Details** tab, change **Group Membership Searching** to `limited`, and specify the **Max Group Membership Search Level** to be a limited number, for example, 5.
- 7 After setting up your LDAP provider, click the garbage can beside the **DefaultAuthenticator** to remove it.
- 8 Go into your user management and check if your list of users is showing up. If so, you have done everything correctly.
- 9 Restart your WebLogic server.

After performing these steps, you are ready to setup Select Identity to provision your users using the procedure described in [Provisioning Select Audit Users Using Select Identity](#) on page 10.

Configuring an External LDAP Server Post-installation

Do the following to configure an external LDAP server after installation:

- 1 Follow the steps for setting up the SunONE directory as given above.
- 2 When you have finished, open `<install_dir>/dist/reporting/ReportServer/WEB-INF/conf/directory.xml` and change the value of `<providerName>` from `DefaultAuthenticator` to the name of your newly-created authentication provider.
- 3 In addition, there are two jar files that need to be swapped when switching from embedded LDAP to external LDAP. The jar files are located in `<install_dir>/dist/reporting/Jars/4013`.
 - a Copy `scopeserver.jar` and `scopecenter.jar` to the deployment folder `<install_dir>/dist/reporting/ReportServer/WEB-INF/lib`.
 - b After replacing the jars, the application should be redeployed and any staging directories should be cleaned out to ensure that the new jars are in use.
- 4 Restart the server for the changes to take effect.
- 5 To check that the update was successful, log in to the audit portal as an administrator, go to the report library, and click **Admin** on the menu. The version number in the top right corner should now show 4013 instead of 4012.

Provisioning Select Audit Users Using Select Identity

- 1 Start with an empty Select Audit LDAP.
- 2 Create the Select Audit Administrators, Select Audit Auditors and Select Audit Users groups (`ObjectClass=groupOfUniqueNames`).
- 3 In Select Identity, create a new resource pointing to the Audit LDAP, for example Audit.

- 4 In **Resource Access Information** specify the Audit LDAP server name, port, relative and parent DN of the users' location.

➤ In the default mapping file `SunOne40.xml`, all the users are provisioned using `uid` as the RDN. If you need to use a different RDN, you should change the `SunOne40.xml` file, and also do the following:

In WebLogic, change the **User Name Attribute** in the **Users** tab in your Weblogic IPlanet Authenticator. See [step 5](#) on page 9.

The screenshot shows the 'Modify Resource' page in HP OpenView Select Identity. The page title is 'Audit: Resource Access Information'. The left sidebar contains a navigation menu with 'Resource Access Information' selected. The main content area contains a form with the following fields:

- Access URL: * ldap://hillcrest.can.hp.com:389
- Suffix: * dc=can,dc=hp,dc=com
- Login Name: cn=Directory Manager
- Password: *
- User Prefix:
- User Suffix: * ou=hillcrest
- User Object Class: * top,person,organizationalPerson,inetorgperson
- Group Suffix: * ou=hillcrest
- Group Object Class: * top,groupofuniqueNames
- Groupid as DN: * false
- Cleanup Groups: * true
- Mapping File: * SunOne40.xml

Buttons at the bottom right include 'Apply', 'OK', and 'Cancel'. The footer contains the copyright notice: © 2005 Hewlett-Packard Development Company, L.P.

- 5 In Select Identity, create a new service that uses the resource created in [step 4](#).

The screenshot shows the 'Modify Service' page in HP OpenView Select Identity. The page title is 'Modify Service: AuditUsers'. The left sidebar contains a navigation menu with 'AuditUsers' selected. The main content area contains a form with the following fields:

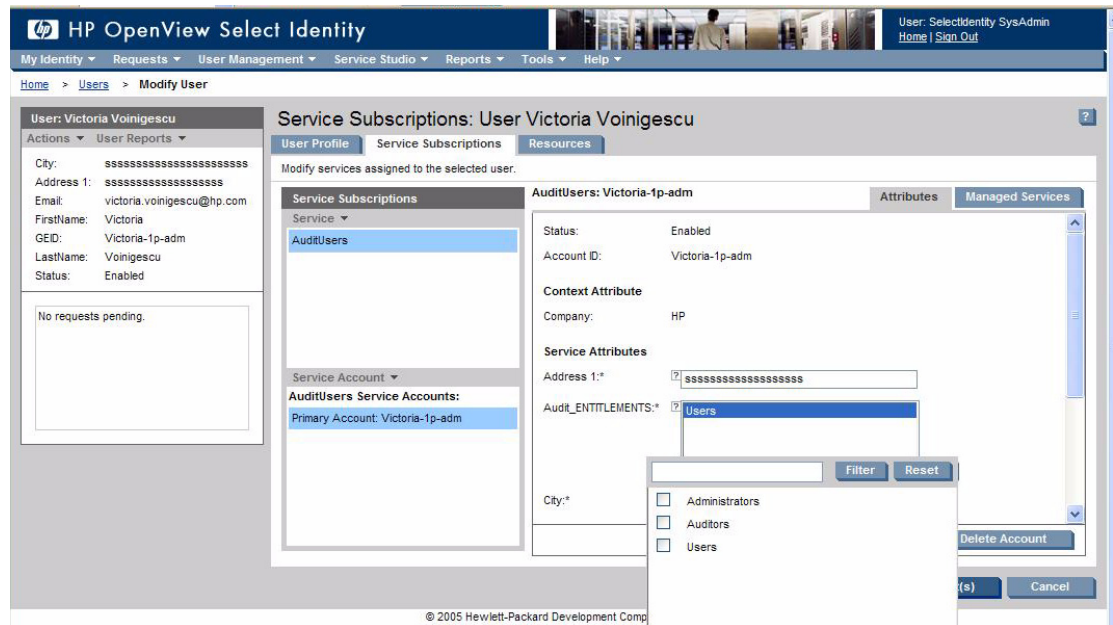
- Service Name: AuditUsers
- Service Type: * Admin Service
- Service Description:
- Resources: Audit
- Attributes: * Addr1, Audit_ENTITLEMENTS, Audit_KEY, City, Company

Buttons at the bottom right include 'Apply', 'OK', and 'Cancel'. The footer contains the copyright notice: © 2005 Hewlett-Packard Development Company, L.P.

- 6 In Select Identity, do one of the following:

- Create new Select Identity users subscribing to the newly-created AuditUsers service.
- Subscribe existing Select Identity users to the newly-created AuditUsers service.

Make sure you create the users in one of the Administrators, Auditors or Users groups, based on the choice of Audit_Entitlements, as shown below.



Once the users subscribe to this service, they will be provisioned on the Select Audit LDAP.

