

Configuring LDAP Access to Directory Data with the C-Web Interface

The tasks to configure LDAP access to directory data are:

- Enabling Automatic Discovery of Changes in SAE Configuration Data
 - Setting the Timeout and Number of Events for SAE Directory Eventing
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Configuring Access Through LDAPS to Service and Subscriber Data

You can secure connections between a router and an external directory that contains service data or subscriber data, and you can configure the router to use LDAPS when it connects to the same data source.

To use LDAPS to secure connections between a router and an external directory:

1. Do one of the following:
 - a. To configure service data, click **Configure**, expand **Shared > SAE > LDAP**, and then click **Service Data**.

The Service Data pane appears.

- b. To configure subscriber data, click **Configure**, expand **Shared > SAE > LDAP**, and then click **Subscriber Data**.

The Subscriber Data pane appears.

2. Click **Create**.
3. Select **ldaps** from the Secured Ldap Protocol list.
4. In the router initialization script you specify the directory context.

The `/opt/UMC/sae/lib/poolPublisher.py` script and the `/opt/UMC/sae/lib/IorPublisher.py` script provide examples of how to configure a directory context. For example, from the `/opt/UMC/sae/lib/IorPublisher.py` script:

```
dirContext = Ssp.registry.get('ServiceDataSource.component').getContext()
```

In addition, you can change the directory context.

For information about how to use InitialDirContext class or the DirContext class to specify directory context, see:

<http://java.sun.com/j2se/1.4.2/docs/api/javax/naming/directory/InitialDirContext.html>

<http://java.sun.com/j2se/1.4.2/docs/api/javax/naming/directory/DirContext.html>

Configuring Access to Subscriber Data

To configure SAE access to subscriber data:

1. Click **Configure**, expand **Shared > SAE > LDAP**, and then click **Subscriber Data**.

The Subscriber Data pane appears.

2. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.

Configuring Access to Service Data

To configure SAE access to service data:

1. Click **Configure**, expand **Shared > SAE > LDAP**, and then click **Service Data**.

The Service Data pane appears.

2. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.

Configuring Access to Policy Data

To configure SAE access to subscriber data:

1. Click **Configure**, expand **Shared > SAE > LDAP**, and then click **Policy Data**.

The Policy Data pane appears.

2. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.

Configuring Access to the Persistent Login Cache

To configure SAE access to persistent login cache data:

1. Click **Configure**, expand **Shared > SAE > LDAP**, and then click **Persistent Log Cache**.

The Persistent Login Cache pane appears.

2. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.

Configuring the Location of Network Device Data

To configure SAE access to network device data:

1. Click **Configure**, expand **Shared > SAE**, and then click **Network Device Data**.

The Network Device Data pane appears.

2. Enter information as described in the Help text in the main pane, and click **Apply**.

Configuring the SAE to Manage Third-Party Devices

To configure SAE drivers for third-party devices:

1. Click **Configure**, and expand **Driver**.
2. To configure the SAE to manage AAA NAS groups, under Driver expand **Aaa**, and then click **Create**. Enter information as described in the Help text in the main pane, and then click **Apply**.
3. To configure the SAE to manage PCMM devices, under Driver expand **PCMM**, and then click **Create**. Enter information as described in the Help text in the main pane, and then click **Apply**.
4. To configure device scripts, under Driver expand **Scripts**, and then click **Create**. Enter information as described in the Help text in the main pane, and then click **Apply**.

Configuring SAE Properties for Global Default SNMP Communities for Use with JUNOS Routers and JUNOS Routing Platforms

To configure SAE properties for global default SNMP communities:

1. Click **Configure**, and expand **Driver**.
2. Under Driver expand **SNMP**, and then click **Create**. Enter information as described in the Help text in the main pane, and then click **Apply**.

Enabling Automatic Discovery of Changes in SAE Configuration Data

To enable automatic discovery of changes in SAE configuration data:

1. Click **Configure**, expand **Shared > SAE**, and then click **LDAP**.

The LDAP pane appears.

2. Click **Create**, enable the Enable Directory Eventing box as described in the Help text in the main pane, and then click **Apply**.

Setting the Timeout and Number of Events for SAE Directory Eventing

To configure the directory eventing timeout and the number of simultaneous events that the SAE can receive from the directory:

1. Click **Configure**, expand **Shared > SAE > LDAP**, and then click **Directory Eventing**.

The Directory Eventing pane appears.

2. Click **Create**, enter information as described in the Help text in the main pane, and then click **Apply**.