

## Configuring SRC-ACP Properties

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### Configuring Logging Destinations for SRC-ACP

SRC-ACP groups contain default file logging configurations. You can modify an existing configuration or create a new one.

To modify logging destinations that store log messages in a file:

1. Click **Configure > Shared > ACP**, expand the group for which you want to configure logging and expand **Configuration**.

Several Logger:file configurations appear.

2. In the Create new list, select **Logger**.
3. Type a name for the new logger in the dialog box, and click **OK**.

The logger appears in the side pane.

4. Select the configuration that you want to modify, enter information as described in the Help text in the main pane, and click **Apply**.

To create logging destinations to store log messages in a file:

1. Click **Configure > Shared > ACP**, and expand the group for which you want to configure logging destinations and expand **Configuration**.
2. From the Create new list, select **Logger**.
3. Type a name for the new logging configuration, and click **OK**.

The logger appears in the side pane.

4. Expand the new logging configuration, select **File**, and enter information as described in the Help text in the main pane, and click **Apply**.

You can configure logging destinations to send log messages to the system logging facility. SRC-ACP groups contain default system logging configurations. You can modify an existing configuration or create a new one.

To modify an existing system logging configuration:

1. Click **Configure > Shared > ACP**, expand the group for which you want to modify an existing configuration, and expand **Configuration**.

Several Logger:syslog configurations appear.

2. Select the configuration that you want to modify, enter information as described in the Help text in the main pane, and click **Apply**.

To create a configuration that causes logging destinations to send log messages to the system logging facility:

1. Click **Configure > Shared > ACP**, and expand the group for which you want to modify an existing configuration.
2. In the Create new list, select **Logger**. Type a name for the new logging configuration, and click **OK**.

The logger appears in the side pane.

3. Expand the new logging configuration, select **Syslog**, and enter information as described in the Help text in the main pane, and click **Apply**.

## **Configuring SRC-ACP Operation**

To configure SRC-ACP operation:

1. Click **Configure > Shared > ACP**, expand the group for which you want to modify an existing configuration, and expand **Configuration**.
2. Click **ACP Options**, enter information as described in the Help text in the main pane, and click **Create**.
3. In the Remote Update Database Index Keys box, specify the values to look for in the configuration data. Specifying index keys can improve performance by filtering the data.
  - The value is a list of attributes, separated by commas. An attribute is one of the following text strings:
  - accountingId—Value of directory attribute accountingUserId.
  - dhcpPacket—Content of the DHCP discover request.
  - hostname— Name of the host on which the SAE is installed.
  - ifIndex—SNMP index of the interface. This attribute is not supported on JUNOS routing platforms.
  - ifRadiusClass—RADIUS class attribute on the JUNOS interface. This attribute is not supported on JUNOS routing platforms.
  - ifSessionId—Identifier for RADIUS accounting on the JUNOS interface. This attribute is not supported on JUNOS routing platforms.
  - interfaceAlias—Alias of the interface; that is, the IP description in the interface configuration.
  - interfaceDescr—SNMP description of the interface.
  - interfaceName—Name of the interface.

- loginName—Subscriber's login name.
  - nasIpAddress—IP address of the router; using a byte array instead of an integer.
  - nasPort—NAS port used by the router to identify the interface to RADIUS.
  - portId—Identifier of VLAN or virtual circuit. For a virtual circuit, use the format `< VPI > / < VCI >` . This attribute is not supported on JUNOS routing platforms.
    - `< VPI >` —Virtual path identifier
    - `< VCI >` —Virtual connection identifier
  - primaryUserName—PPP login name or the public DHCP username. This attribute is not supported on JUNOS routing platforms.
  - routerName—Name of the virtual router in the format `< virtualRouter > @ < router >` .
    - `< virtualRouter >` —Virtual router name
    - `< router >` —Router name
  - routerType—Type of router driver.
  - userIpAddress—IP address of the subscriber that uses a byte array instead of an integer.
  - userMacAddress—MAC address of the DHCP subscriber. This attribute is not supported on JUNOS routing platforms.
  - userRadiusClass—RADIUS class attribute of the subscriber session for a service. This attribute can occur multiple times and can be returned by an authorization plug-in.
  - userType—Type of subscriber.
4. In the Interface Tracking Filter box, specify the interface tracking events that the SRC-ACP ignores.

The value is filter strings in the format of a list of `< attribute > = < value >` pairs. The filter strings can be contained within query operations.

- `< attribute >` —Name of an attribute for an interface tracking event.
- `< value >` —Filtering string of the following types:
  - `*`—Any value
  - Explicit string—Any value matching the specified string (not case-sensitive)
  - String containing an asterisk—Any value containing the specified string (not case-sensitive)
- To perform query operations on filter strings, you can use the following values in your filter strings:

- ()—Match no objects.
- (\*)—Match all objects.
- (& < filter > < filter > ...)—Performs logical AND operation on filter strings; true if all filter strings match.
- (| < filter > < filter > ...)—Performs logical OR operation on filter strings; true if at least one filter string matches.
- (! < filter > )—Performs logical NOT operation on filter string; true if the filter string does not match.

## **Configuring CORBA Interfaces**

To configure CORBA interfaces:

1. Click **Configure > Shared > ACP > Configuration** , and then click **CORBA**.

The CORBA pane appears.

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

## **Configuring SRC-ACP Redundancy**

To configure SRC-ACP redundancy and state synchronization with the SAE:

1. Click **Configure > Shared > ACP > Redundancy**.

The Redundancy pane appears.

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

## **Configuring Connections to the Subscribers' Directory**

To configure how SRC-ACP connects to the directory that stores subscriber information:

1. Click **Configure > Shared > ACP > LDAP**, and expand **Subscriber Data**.

The Subscriber Data pane appears.

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

## **Configuring Connections to the Services' Directory**

To configure how SRC-ACP connects to the directory that stores service information:

1. Click **Configure > Shared > ACP > LDAP**, and expand **Service Data**.

The Service Data pane appears.

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

## ***Configuring SRC-ACP Scripts and Classification***

To configure SRC-ACP scripts and classification:

1. Click **Configure > Shared > ACP > Configuration** and then expand **Scripts and Classification**.

The Scripts and Classification pane appears.

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

