

Configuring Custom RADIUS Authentication Plug-Ins

The custom RADIUS authentication plug-ins provide the same functions as the flexible RADIUS authentication plug-ins, but are designed to deliver better system performance. To use a custom plug-in, you must provide a Java class that implements the SPI defined in the RADIUS client library. Use this SPI to specify which fields and field values to include in RADIUS accounting packets. The RADIUS client library is part of the SAE core API.

See the documentation for the RADIUS client library in the folder *SDK/doc/sae/net/juniper/smgt/sae/radiuslib* in the *SDK+AppSupport+Demos+Samples.tar.gz* on the Juniper Networks Web site at: <https://www.juniper.net/support/csc/swdist-erx/src.html>. You can also view the SAE core API documentation on the Juniper Networks Web site at <http://www.juniper.net/techpubs/software/management/src/api-index.html>.

For a sample implementation, see the following directory in the *SDK+AppSupport+Demos+Samples.tar.gz* file:
SDK/plugin/java/src/net/juniper/smgt/sample/radiuslib/RadiusPacketHandlerImpl.java.

To set up custom RADIUS authentication plug-ins:

1. Click **Configure**, expand **Shared > SAE**, and then expand the SAE group for which you want to configure RADIUS plug-ins.
2. In the side pane, expand **Configuration > Plug Ins**.
3. Expand the plug-in that you created for custom RADIUS authentication, and then click **Custom RADIUS Authentication**.

The Custom RADIUS Authentication pane appears.

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

Related Topics ■ For information about setting up default peers, see *Creating RADIUS Peers*.

