

## Types of Tracking Plug-Ins

You can configure the tracking plug-ins described in Table 1 on page 1.

By default, the fileAcct plug-in instance tracks all subscriber and service sessions and writes all available attributes to a file. You can use this plug-in instance or create new one.



**NOTE:** When you use the NAS-Port attribute in tracking plug-ins, the SAE calculates the NAS-Port value based on the NAS-Port-Id value that it receives from the JUNOS router. You can change the NAS-Port format in the JUNOS software. However, because the SAE has no indication of which format is configured on the JUNOS router, the calculation of the NAS-Port attribute is correct only if the router uses the default configuration.

**Table 1: Tracking Plug-Ins**

Plug-In	Description
Basic RADIUS accounting	<p>Sends accounting information to an external RADIUS accounting server or a group of redundant servers.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.RadiusTrackingPluginEventListener</p>
Custom RADIUS accounting	<p>Provides customized functions that can also be found in the flexible RADIUS accounting plug-ins. Custom plug-ins are internal plug-ins that are designed to deliver better system performance than the flexible RADIUS plug-ins. You can extend this plug-in by using the RADIUS client library.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.CustomRadiusAccounting</p>
Flat file accounting	<p>Writes tracking information to a file in comma-separated format.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.FileTrackingPluginEventListener</p>
Flexible RADIUS accounting	<p>Performs the same functions as the basic RADIUS accounting plug-in, but also lets you customize RADIUS accounting packets that the SAE sends to RADIUS servers. You can specify which fields are included in RADIUS accounting packets and what information is contained in the fields.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.FlexibleRadiusTrackingPluginEventListener</p>
PCMM record-keeping server plug-in	<p>Sends accounting information to an external PCMM record-keeping server (RKS). See <a href="#">Configuring PCMM Record-Keeping Server Plug-Ins with SRC CLI</a>.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.RksEventListener</p>
QoS profile tracking	<p>Ensures that as a subscriber activates and deactivates services, the correct QoS profile is attached to the subscriber interface. See <a href="#">Dynamically Managing QoS Profiles</a>.</p> <p>Java class name—net.juniper.smgmt.sae.plugin.qtp.QosProfileTrackingPluginEventListener</p>

- Related Topics**
- Types of Internal Plug-Ins
  - Creating and Tracking Subscriber Sessions
  - Activating and Tracking Service Sessions
  - Configuring Tracking Plug-Ins