

Configuring Identifiers for Subscribers and Sessions

To configure identifiers for subscribers and sessions:

1. In the VTA Configuration Manager navigation pane, select **Edit**.
2. Select **Subscriber ID and Lookup**.

The Subscriber ID and Lookup screen appears.

The screenshot shows the Juniper VTA Configuration Manager interface. The top header includes the Juniper Networks logo and the text 'VTA Configuration Manager' and 'Edit Configuration'. A left-hand navigation pane contains a tree structure with 'Home', 'Dir Connection', 'Configuration' (expanded), 'Create', 'Edit' (selected), 'Load', 'Commit', 'Import', and 'Export'. The main content area is titled 'Current Configuration' and features a tabbed interface with 'Event Handlers', 'Actions', 'Processors', 'Logging', and 'Subscriber ID and Lookup' (selected). Below the tabs is a table with two columns: 'Name' and 'Value'. The table contains three rows: 'VTA Subscriber ID' with value 'LOGIN_NAME', 'VTA NicProxy Namespace' with value '/NicProxies/IdToSaeNicProxy', and 'SAE Subscriber Lookup' with value 'USER_IP_ADDRESS'. Each value field has a dropdown arrow on the right. A 'Save' button is located at the bottom of the table. The footer of the page displays the 'Juniper yourNet' logo.

Name	Value
VTA Subscriber ID	LOGIN_NAME
VTA NicProxy Namespace	/NicProxies/IdToSaeNicProxy
SAE Subscriber Lookup	USER_IP_ADDRESS

Save

3. Edit or accept the default values for the fields, and click **Save**.

See Subscriber ID and Lookup Fields.

4. If you are finished configuring the SRC-VTA, save the configuration to a directory or local file.

See Committing a VTA Configuration to a Directory .

For more information about this topic, see Identifying Subscribers, SAEs, and Sessions.

Subscriber ID and Lookup Fields

In VTA Configuration Manager, you can edit the following fields in the Subscriber ID and Lookup screen.

VTA Subscriber ID

- Data key that identifies subscriber accounts and sessions in the VTA database. Some settings also provide information that the NIC and the SAE use to identify subscribers. For more information, see [\[Unresolved xref\]](#).
- Value—One of the following data keys:
 - LOGIN_NAME—Login name (JUNOSe routers only), which is the data key for the VTA database, the NIC, and the SAE
 - USER_DN—Subscriber DN, which is the data key for the VTA database, the NIC, and the SAE
 - INTERFACE_NAME@ROUTER_NAME—Interface name and virtual router
 - Provides the ROUTER_NAME data key for NIC
 - Provides the INTERFACE_NAME data key for SAE
 - INTERFACE_ALIAS—Interface alias
 - INTERFACE_ALIAS@ROUTER_NAME—Interface alias and virtual router
 - USER_MAC_ADDRESS—Subscriber MAC address
 - PRIMARY_USER_NAME—Primary login name
 - PORT_ID@ROUTER_NAME —NAS port ID and virtual router (JUNOSe router only)
 - ACCOUNTING_ID—Accounting ID, which is the data key for the VTA database and the NIC. The NIC uses ACCOUNTING_ID to look up the SAE, and it returns SAE references and subscriber IP address. The SRC-VTA uses the returned IP address as the SAE data key.
- Guidelines—LOGIN_NAME, USER_DN, and INTERFACE_NAME@ROUTER_NAME also provide data keys for the NIC and the SAE; the other settings do not.
- Default—LOGIN_NAME

VTA NicProxy Namespace

- If you are using a NIC to map subscriber identifiers to an SAE, and you select a VTA subscriber ID value that provides a data key for the NIC, specify the NIC proxy that uses that data key.
- Value—Location of the NIC proxy configuration relative to the configuration properties for the SRC-VTA.
- Guidelines—To cause the NIC to look up the SAE using the accounting ID, configure */NicProxies/AcctIdToSaeNicProxy*.
- Default—*/Nic/Proxies/IdToSaeNicProxy*

SAE Subscriber Lookup

- Data key that uniquely identifies the subscriber in your SRC configuration. The SRC-VTA uses this data key to identify a subscriber session or service session when it receives a plug-in event. For more information, see [\[Unresolved xref\]](#).
- Value—One of the following data keys:
 - USER_IP_ADDRESS—Subscriber IP address (JUNOSe routers only)
 - USER_DN—Subscriber DN
 - LOGIN_NAME —Login name (JUNOSe router only)
 - INTERFACE_NAME@ROUTER_NAME—Interface name and virtual router
 - PRIMARY_USER_NAME—Primary login name
- Default—Subscriber IP address

