

Configuring How RADIUS Attributes Are Used for Subscriber Access

You can specify the attributes RADIUS ignores in RADIUS Access-Accept messages, and the attributes RADIUS excludes from specified message types.

To configure the attributes RADIUS ignores or excludes:

1. Specify that you want to configure RADIUS.

```
[edit access profile isp-bos-metro-fiber-basic]
user@host# edit radius
```

2. Specify that you want to configure how RADIUS attributes are ignored or excluded.

```
[edit access profile isp-bos-metro-fiber-basic radius]
user@host# edit attributes
```

3. Specify the attributes you want RADIUS to ignore when the attributes are in Access-Accept messages. See Table 1 for the attributes you can configure.

```
[edit access profile isp-bos-metro-fiber-basic radius attributes]
user@host# set ignore input-filter output-filter
```

4. Configure RADIUS to exclude the specified attribute from the specified RADIUS message type. See Table 2 for the attributes and message type combinations you can configure.

```
[edit access profile isp-bos-metro-fiber-basic radius attributes]
user@host# set exclude input-filter output-filter
```

You use the **ignore** statement to configure the router to ignore a particular attribute in RADIUS Access-Accept messages. By default, the router processes the attributes received from the external AAA server. Table 1 lists the attributes supported in the **ignore** statement.

Table 1: Attributes That Can Be Ignored in RADIUS Access-Accept Messages

CLI Entry	Attribute Name	Attribute Number
framed-ip-netmask	Framed-Ip-Netmask	RADIUS attribute 9
input-filter	Ingress-Policy-Name	Juniper VSA 26-10
logical-system:routing-instance	Virtual-Router	Juniper VSA 26-1
output-filter	Egress-Policy-Name	Juniper VSA 26-11

You use the **exclude** statement to configure the router to exclude the specified attributes from the specified type of RADIUS message. Not all attributes appear in all types of RADIUS messages—the CLI indicates the RADIUS message type. By

default, the router includes the specified attributes in RADIUS Access-Request, Acct-On, Acct-Off, Acct-Start, and Acct-Stop messages. Table 2 lists the attributes and message types supported in the `exclude` statement.

Table 2: Attributes That Can Be Excluded from RADIUS Messages

CLI Entry	Attribute Name	Attribute Number	Supported Message Type
accounting-authentic	Acct-Authentic	RADIUS attribute 45	Accounting-On Accounting-Off
accounting-delay-time	Acct-Delay-Time	RADIUS attribute 41	Accounting-On Accounting-Off
accounting-session-id	Acct-Session-Id	RADIUS attribute 44	Access-Request Accounting-On Accounting-Off Accounting-Stop
accounting-terminate-cause	Acct-Terminate-Cause	RADIUS attribute 49	Accounting-Off
called-station-id	Called-Station-Id	RADIUS attribute 30	Access-Request Accounting-Start Accounting-Stop
calling-station-id	Calling-Station-Id	RADIUS attribute 31	Access-Request Accounting-Start Accounting-Stop
class	Class	RADIUS attribute 25	Accounting-Start Accounting-Stop
dhcp-gi-address	DHCP-GI-Address	Juniper VSA 26–57	Access-Request Accounting-Start Accounting-Stop
dhcp-mac-address	DHCP-MAC-Address	Juniper VSA 26–56	Access-Request Accounting-Start Accounting-Stop

Table 2: Attributes That Can Be Excluded from RADIUS Messages *(continued)*

CLI Entry	Attribute Name	Attribute Number	Supported Message Type
event-timestamp	Event-Timestamp	RADIUS attribute 55	Accounting-On
			Accounting-Off
			Accounting-Start
			Accounting-Stop
framed-ip-address	Framed-IP-Address	RADIUS attribute 8	Accounting-Start
			Accounting-Stop
framed-ip-netmask	Framed-IP-Netmask	RADIUS attribute 9	Accounting-Start
			Accounting-Stop
input-filter	Ingress-Policy-Name	Juniper VSA 26–10	Accounting-Start
			Accounting-Stop
input-gigapackets	Acct-Input-Gigapackets	Juniper VSA 26–42	Accounting-Stop
input-gigawords	Acct-Input-Gigawords	RADIUS attribute 52	Accounting-Stop
interface-description	Interface-Desc	Juniper VSA 26–53	Access-Request
			Accounting-Start
			Accounting-Stop
nas-identifier	NAS-Identifier	RADIUS attribute 32	Access-Request
			Accounting-on
			Accounting-off
			Accounting-Start
nas-port	NAS-Port	RADIUS attribute 5	Accounting-Stop
			Access-Request
			Accounting-Start
nas-port-id	NAS-Port_Id	RADIUS attribute 87	Accounting-Stop
			Access-Request
			Accounting-Start

Table 2: Attributes That Can Be Excluded from RADIUS Messages *(continued)*

CLI Entry	Attribute Name	Attribute Number	Supported Message Type
nas-port-type	NAS-Port-Type	RADIUS attribute 61	Access-Request
			Accounting-Start
			Accounting-Stop
output-filter	Egress-Policy-Name	Juniper VSA 26–11	Accounting-Start
			Accounting-Stop
ouput-gigapackets	Acct-Output-Gigapackets	Juniper VSA 26–43	Accounting-Stop
output-gigawords	Acct-Output-Gigawords	RADIUS attribute 53	Accounting-Stop

- Related Topics
- Configuring Router Interaction with RADIUS Servers
 - Configuring Authentication and Accounting Parameters for Subscriber Access
 - Example: Configuring RADIUS-Based Subscriber Authentication and Accounting

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