

Logging In Simulated Subscribers with the CLI

You can log in IPv4 subscribers in the following ways:

- Logging In Authenticated DHCP Subscribers on page 1
- Logging In Authenticated Interface Subscribers on page 1
- Logging In Unauthenticated DHCP Subscribers on page 2
- Logging In Unauthenticated Interface Subscribers on page 3

Logging In Authenticated DHCP Subscribers

Use the following command to log in simulated IPv4 authenticated DHCP subscribers:

```
request sae login ipv4 authenticated-dhcp virtual-router virtual-router address address
login-name login-name mac-address mac-address <service-bundle service-bundle
> <radius-class radius-class > <interface-name interface-name > <interface-alias
interface-alias > <interface-description interface-description > <nas-port-id nas-port-id
>
```

To log in a simulated IPv4 authenticated DHCP subscriber:

1. Issue the **request sae login ipv4 authenticated-dhcp** command. Specify the **virtual-router**, **address**, **login-name**, and **mac-address** options.

```
user@host> request sae login ipv4 authenticated-dhcp virtual-router virtual-router
address address login-name login-name mac-address mac-address
```

2. (Optional) To specify the service bundle used when logging in the simulated subscriber, use the **service-bundle** option.
3. (Optional) To specify the RADIUS class used when logging in the simulated subscriber, use the **radius-class** option.
4. (Optional) To specify the virtual interface used when logging in the simulated subscriber, use the **interface-name** option.
5. (Optional) To specify the interface description used when logging in the simulated subscriber, use the **interface-alias** option.

If you are simulating JUNOSe routers, the interface alias is the description that is configured on JUNOSe routers with the **interface description** command.

6. (Optional) To specify the alternate interface name used when logging in the simulated subscriber, use the **interface-description** option.
7. (Optional) To specify the port identifier of an interface used when logging in the simulated subscriber, use the **nas-port-id** option.

Logging In Authenticated Interface Subscribers

Use the following command to log in simulated IPv4 authenticated interface subscribers:

```
request sae login ipv4 authenticated-interface virtual-router virtual-router address
address login-name login-name <service-bundle service-bundle > <radius-class
radius-class > <interface-name interface-name > <interface-alias interface-alias >
<interface-description interface-description > <nas-port-id nas-port-id >
```

To log in a simulated IPv4 authenticated interface subscriber:

1. Issue the `request sae login ipv4 authenticated-interface` command. Specify the `virtual-router`, `address`, and `login-name` options.

```
user@host> request sae login ipv4 authenticated-interface virtual-router
virtual-router address address login-name login-name
```

2. (Optional) To specify the service bundle used when logging in the simulated subscriber, use the `service-bundle` option.
3. (Optional) To specify the RADIUS class used when logging in the simulated subscriber, use the `radius-class` option.
4. (Optional) To specify the virtual interface used when logging in the simulated subscriber, use the `interface-name` option.
5. (Optional) To specify the interface description used when logging in the simulated subscriber, use the `interface-alias` option.

If you are simulating JUNOSe routers, the interface alias is the description that is configured on JUNOSe routers with the `interface description` command.

6. (Optional) To specify the alternate interface name used when logging in the simulated subscriber, use the `interface-description` option.
7. (Optional) To specify the port identifier of an interface used when logging in the simulated subscriber, use the `nas-port-id` option.

Logging In Unauthenticated DHCP Subscribers

Use the following command to log in simulated IPv4 unauthenticated DHCP subscribers:

```
request sae login ipv4 unauthenticated-dhcp virtual-router virtual-router address
address mac-address mac-address <login-name login-name > <service-bundle
service-bundle > <radius-class radius-class > <interface-name interface-name >
<interface-alias interface-alias > <interface-description interface-description >
<nas-port-id nas-port-id >
```

To log in a simulated IPv4 unauthenticated DHCP subscriber:

1. Issue the `request sae login ipv4 unauthenticated-dhcp` command. Specify the `virtual-router`, `address`, and `mac-address` options.

```
user@host> request sae login ipv4 unauthenticated-dhcp virtual-router
virtual-router address address mac-address mac-address
```

2. (Optional) To specify the fully-qualified name used to log in the simulated subscriber, use the `login-name` option.

3. (Optional) To specify the service bundle used when logging in the simulated subscriber, use the **service-bundle** option.
4. (Optional) To specify the RADIUS class used when logging in the simulated subscriber, use the **radius-class** option.
5. (Optional) To specify the virtual interface used when logging in the simulated subscriber, use the **interface-name** option.
6. (Optional) To specify the interface description used when logging in the simulated subscriber, use the **interface-alias** option.

If you are simulating JUNOSe routers, the interface alias is the description that is configured on JUNOSe routers with the **interface description** command.

7. (Optional) To specify the alternate interface name used when logging in the simulated subscriber, use the **interface-description** option.
8. (Optional) To specify the port identifier of an interface used when logging in the simulated subscriber, use the **nas-port-id** option.

Logging In Unauthenticated Interface Subscribers

Use the following command to log in simulated IPv4 unauthenticated interface subscribers:

```
request sae login ipv4 unauthenticated-interface virtual-router virtual-router
  interface-name interface-name <address address > <login-name login-name >
  <service-bundle service-bundle > <radius-class radius-class > <interface-alias
  interface-alias > <interface-description interface-description > <nas-port-id nas-port-id
  >
```

To log in a simulated IPv4 authenticated interface subscriber:

1. Issue the **request sae login ipv4 authenticated-interface** command. Specify the **virtual-router** and **interface-name** options.

```
user@host> request sae login ipv4 authenticated-interface virtual-router
  virtual-router interface-name interface-name
```

2. (Optional) To specify the IP address from which you log in the simulated subscriber, use the **address** option.
3. (Optional) To specify the fully-qualified name used to log in the simulated subscriber, use the **login-name** option.
4. (Optional) To specify the service bundle used when logging in the simulated subscriber, use the **service-bundle** option.
5. (Optional) To specify the RADIUS class used when logging in the simulated subscriber, use the **radius-class** option.
6. (Optional) To specify the interface description used when logging in the simulated subscriber, use the **interface-alias** option.

If you are simulating JUNOSe routers, the interface alias is the description that is configured on JUNOSe routers with the **interface description** command.

7. (Optional) To specify the alternate interface name used when logging in the simulated subscriber, use the **interface-description** option.
8. (Optional) To specify the port identifier of an interface used when logging in the simulated subscriber, use the **nas-port-id** option.