

Configuring a Dynamic Profile for Client Access

This topic describes how to create a basic dynamic profile that enables DHCP clients to dynamically access the multicast network.

Before you configure dynamic profiles for initial client access:

1. Create a basic dynamic profile.

See [Configuring a Basic Dynamic Profile](#).

2. Configure the necessary router interfaces that you want accessing DHCP clients to use.

See [Subscriber Interface Overview](#) for information about the types of interfaces you can use with dynamic profiles and how to configure them.

3. Ensure that the router is configured to enable communication between the client and the RADIUS server.

See [Specifying the Authentication and Accounting Methods for Subscriber Access](#).

4. Configure all RADIUS values that you want the profiles to use when validating DHCP clients for access to the multicast network.

See [Configuring RADIUS Server Parameters for Subscriber Access](#).

To configure an initial client access dynamic profile:

1. Access an IGMP access profile.

```
user@host# edit dynamic-profiles access-profile
[edit dynamic-profiles access-profile]
user@host#
```

2. Define the IGMP interface with the interface variable.



NOTE: The variable value is replaced by the name of the interface over which the router received the DHCP message.

```
[edit dynamic-profiles access-profile]
user@host# set protocols igmp interface $junos-interface-name
```

3. (Optional) Enable accounting on the IGMP interface.

```
[edit dynamic-profiles access-profile protocols igmp interface
"$junos-underlying-interface"]
user@host# set accounting
```

4. Set the IGMP interface to remain enabled.

```
[edit dynamic-profiles access-profile protocols igmp interface
"$junos-underlying-interface"]
```

user@host# **set disable:\$junos-igmp-enable**



NOTE: RADIUS is capable of disabling IGMP. By assigning the enable variable to the **disable** statement, you can ensure that IGMP remains enabled.

5. (Optional) Specify a group policy for the IGMP interface.

```
[edit dynamic-profiles access-profile protocols igmp interface  
"$junos-underlying-interface"]  
user@host# set group-policy report-reject-policy
```

6. (Optional) Enable immediate leave on the IGMP interface.

```
[edit dynamic-profiles access-profile protocols igmp interface  
"$junos-underlying-interface"]  
user@host# set immediate-leave:$junos-igmp-immediate-leave
```

7. (Optional) Disable the collection of IGMP join and leave even statistics on the IGMP interface.

```
[edit dynamic-profiles access-profile protocols igmp interface  
"$junos-underlying-interface"]  
user@host# set no-accounting
```

8. (Optional) Set the IGMP interface to obtain the IGMP version from RADIUS.

```
[edit dynamic-profiles access-profile protocols igmp interface  
$junos-underlying-interface]  
user@host# set version $junos-igmp-version
```

- Related Topics**
- Configuring a Basic Dynamic Profile
 - Dynamic Profiles Overview

Published: 2009-07-16