

Attaching Dynamic Profiles to DHCP Subscriber Interfaces

This topic describes how to attach a dynamic profile to a DHCP subscriber interface. When a DHCP subscriber logs in, the specified dynamic profile is instantiated and the services defined in the profile are applied to the interface.

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Attaching a Dynamic Profile to All DHCP Subscriber Interfaces

To attach a dynamic profile to all DHCP subscriber interfaces:

1. At the DHCP configuration hierarchy, use the **dynamic-profile** statement to specify the name of the dynamic profile to attach to all interfaces.

- For DHCP local server:

```
[edit system services dhcp-local-server]
user@host# set dynamic-profile vod-profile-22
```

- For DHCP relay agent:

```
[edit forwarding-options dhcp-relay]
user@host# set dynamic-profile vod-profile-west
```

2. Optionally, you can configure the attribute to use when attaching the specified profile.

You can include either the **aggregate-clients** option to enable multiple DHCP subscribers to share the same VLAN logical interface, or the **use-primary** option to specify that the primary dynamic profile is used. The two options are mutually exclusive.

- To enable multiple subscribers to share the same VLAN logical interface:

```
[edit system services dhcp-local-server dynamic-profile]
user@host# set aggregate-clients
```

- To use the primary dynamic profile:

```
[edit forwarding-options dhcp-relay dynamic-profile]
user@host# set use-primary subscriber_profile
```

Attaching a Dynamic Profile to a Group of DHCP Subscriber Interfaces

To attach a dynamic profile to a group of interfaces:

Before you begin:

- Configure the interface group.

See Grouping Interfaces with Common DHCP Configurations.

1. At the DHCP configuration hierarchy, specify the name of the interface group and the dynamic profile to attach to the group.

- For DHCP local server:

```
[edit system services dhcp-local-server]
user@host# set group boston dynamic-profile vod-profile-42
```

- For DHCP relay agent:

```
[edit forwarding-options dhcp-relay]
user@host# set group quebec dynamic-profile vod-profile-east
```

2. Optionally, you can configure the attribute to use when attaching the specified profile.

You can include either the **aggregate-clients** option to enable multiple DHCP subscribers to share the same VLAN logical interface, or the **use-primary** option to specify that the primary dynamic profile is used. The two options are mutually exclusive.

- To enable multiple subscribers to share the same VLAN logical interface:

```
[edit system services dhcp-local-server dynamic-profile]
user@host# set aggregate-clients
```

- To use the primary dynamic profile:

```
[edit forwarding-options dhcp-relay dynamic-profile]
user@host# set use-primary subscriber_profile
```

Related Topics

- Dynamic Profiles Overview
- Dynamic Profile Attachment to DHCP Subscriber Interfaces Overview
- Example: Configuring Dynamic Subscriber Interfaces on IP Demux Interfaces