

## Configuring a Basic Dynamic Profile

---

This topic describes how to create a basic dynamic profile. A basic profile must contain a profile name and have both an interface variable name (such as `$junos-interface-ifd-name`) included at the `[edit dynamic-profiles profile-name interfaces` hierarchy level and logical interface variable name (such as `$junos-underlying-interface-unit` or `$junos-interface-unit`) at the `[edit dynamic-profiles profile-name interfaces variable-interface-name unit]` hierarchy level.

Before you configure dynamic profiles for initial client access:

1. Configure the necessary router interfaces that you want DHCP clients to use when accessing the network.

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

2. 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 a basic dynamic profile:

1. Name the profile.

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

2. Define the `interface-name` statement with the internal `$junos-interface-ifd-name` variable used by the router to match the interface name of the receiving interface.

```
[edit dynamic-profiles basic-profile]
user@host# set interfaces $junos-interface-ifd-name
```

3. Define the unit statement with the internal variable:

- When referencing an existing interface, specify the `$junos-underlying-interface-unit` variable used by the router to match the unit value of the receiving interface.
- When creating dynamic interfaces, specify the `$junos-interface-unit` variable used by the router to generate a unit value for the interface.

```
[edit dynamic-profiles basic-profile]
user@host# set unit $junos-underlying-interface-unit
```

or

```
[edit dynamic-profiles basic-profile]
user@host# set unit $junos-interface-unit
```

- Related Topics**
- Configuring a Dynamic Profile for Client Access
  - Configuring a Dynamic Profile for Various Levels of Services
  - Configuring Predefined Internal Dynamic Variables in Dynamic Profiles
  - Configuring Static Subscriber Interfaces in Dynamic Profiles
  - Configuring VLAN Dynamic Profiles
  - Dynamic Profiles Overview
  - Dynamic Variables Overview
  - Example: Firewall Dynamic Profile
  - Example: IGMP Dynamic Profile