

## Configuring MAC Address Validation for Subscriber Interfaces

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This topic describes how to configure MAC address validation for subscriber interfaces in dynamic profiles on MX-series routers.

The subscriber interfaces can be statically created and associated with a dynamic profile (for example, VLAN interfaces) or dynamically created in the dynamic profile (such as IP demux interfaces).

By default, MAC address validation is disabled.

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### Configuring MAC Address Validation for Static Subscriber Interfaces

This topic describes how to configure MAC address validation for static subscriber interfaces in dynamic profiles on MX-series routers.

Before you begin:

- Configure the dynamic profile.

See Configuring a Basic Dynamic Profile.

To configure MAC address validation on static subscriber interfaces:

1. Configure the static VLAN interface.

[edit interfaces]

user@host# **set fe-0/0/0 unit 0 family inet**

2. Configure the type of MAC address validation for the interface.

- To configure loose validation:

[edit interfaces fe-0/0/0 unit 0 family inet]

user@host# **set mac-validate loose**

- To configure strict validation:

[edit interfaces fe-0/0/0 unit 0 family inet]

user@host# **set mac-validate strict**

After you configure MAC address validation:

- Associate the static VLAN interface with the dynamic profile.

See *Associating Dynamic Profiles with Statically Created Interfaces*.

## **Configuring MAC Address Validation for Dynamic Subscriber Interfaces**

This topic describes how to configure MAC address validation for subscriber interfaces created on demux interfaces in dynamic profiles on MX-series routers.

When you configure MAC address validation for demux interfaces in a dynamic profile and specify either **loose** or **strict** validation, the resulting behavior is always loose validation. To enable strict behavior for a dynamic demux interface, you must configure strict validation for the underlying interface.

Before you begin:

- Configure the dynamic profile.

See *Configuring a Basic Dynamic Profile*.

- Configure the dynamic demux interface.

See *Configuring Dynamic Subscriber Interfaces Using IP Demux Interfaces in Dynamic Profiles*.

To configure MAC address validation for a dynamic subscriber interface:

1. Configure loose validation for the demux interface.

```
[edit dynamic-profiles interfaces unit "$junos-interface-unit" family inet]
user@host# set mac-validate loose
```

2. (Optional) Configure strict validation for the underlying interface.

```
[edit interfaces fe-0/0/0 unit 0 family inet]
user@host# set mac-validate strict
```

### **Related Topics**

- [MAC Address Validation for Subscriber Interfaces Overview](#)
- [Example: Configuring Dynamic Subscriber Interfaces on IP Demux Interfaces](#)