

## Configuring QoS Profile Attachment Actions

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Use this action to specify the QoS profile and the QoS parameters to attach to the router interface when this action is taken. The QoS profile and the QoS parameters must be configured on the router. You can configure QoS actions for JUNOS policy rules.

The router allows only one QoS profile to be attached to an interface at one time. Therefore, as a subscriber activates and deactivates different services, the QoS profile running on the interface needs to change. The SRC software provides a QoS-tracking plug-in (QTP) that you can use to ensure that as a subscriber activates and deactivates services, the required QoS profile is attached to the subscriber interface. See *Dynamically Managing QoS Profiles*.

The QoS parameters allow you to specify rates in QoS profiles as parameters instead of fixed values. The actual values for the parameters can be specified for each interface. Therefore, you can share a QoS profile among different interfaces with different rates.

The type of action that you can create depends on the type of policy rule. See *Policy Information Model*.

Use the following configuration statements to configure QoS profile attachment actions:

```
policies group name list name rule name qos-attach name {  
    qos-profile qos-profile ;  
    qos-parameters qos-parameters ;  
    description description ;  
}
```

To configure a QoS profile attachment action:

1. From configuration mode, enter the QoS profile attachment action configuration. For example, in this procedure, `qos_vod` is the name of the QoS profile attachment action.

```
user@host# edit policies group junose list qos rule input qos-attach qos_vod
```

2. Configure the name of the QoS profile to attach to the JUNOS interface when this action is taken.

```
[edit policies group junose list qos rule input qos-attach qos_vod]  
user@host# set qos-profile qos-profile
```

3. (Optional) Configure the names and values of the QoS parameters to attach to the JUNOS interface when this action is taken. Use map expressions to specify multiple values.

```
[edit policies group junose list qos rule input qos-attach qos_vod]  
user@host# set qos-parameters qos-parameters
```

4. (Optional) Enter a description for the QoS profile attachment action.

```
[edit policies group junose list qos rule input qos-attach qos_vod]
user@host# set description description
```

5. (Optional) Verify the QoS profile attachment action configuration.

```
[edit policies group junose list qos rule input qos-attach qos_vod]
user@host# show
qos-profile qp-vod-1024;
description "Action for QoS video-on-demand";
```