

Appendix B

Configuring JUNOSe Secondary Input Policies

The SRC software includes support for JUNOSe secondary input policies. You can apply secondary input policies to the input (ingress) side of the router interface. Secondary input policies evaluate conditions after a route lookup.

Use the following configuration statements to configure match conditions for JUNOSe secondary input policies:

```
policies group name list name rule name traffic-condition name traffic-match-condition {  
    source-class source-class;  
    destination-class destination-class;  
    traffic-class traffic-class;  
    color color;  
    user-packet-class user-packet-class;  
    destination-local-interface destination-local-interface;  
}
```

To add conditions for JUNOSe secondary input policies to a classify-traffic condition:

1. From configuration mode, create a classify-traffic condition inside a policy rule that has already been created and configured for a policy list whose type is `junose-ipv4` or `junose-ipv6` and applicability is `secondary-input`. For example, to create a traffic-condition called `rtcl` within policy rule `clacl`:

```
user@host# edit policies group junose list ipv4 rule clacl traffic-condition rtcl  
traffic-match-condition
```

2. (Optional) Configure the condition to match packets based on the source route class.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtcl  
traffic-match-condition]  
user@host# set source-class source-class
```

3. (Optional) Configure the condition to match packets based on the destination route class.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtcl  
traffic-match-condition]  
user@host# set destination-class destination-class
```

4. (Optional) Configure the condition to match packets based on the traffic class.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtc1
traffic-match-condition]
user@host# set traffic-class traffic-class
```

5. (Optional) Configure the condition to match packets based on the packet color.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtc1
traffic-match-condition]
user@host# set color color
```

6. (Optional) Configure the condition to match packets based on the user packet class action number.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtc1
traffic-match-condition]
user@host# set user-packet-class user-packet-class
```

7. (Optional) Configure the condition to match packets based on packets destined for a local interface.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtc1
traffic-match-condition]
user@host# set destination-local-interface destination-local-interface
```

8. (Optional) Verify the secondary input policy configuration.

```
[edit policies group junose list ipv4 rule clacl traffic-condition rtc1
traffic-match-condition]
user@host# show
```