

## Configuring ICMP Conditions

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Use the following configuration statements to add ICMP conditions to a classify-traffic condition:

```
policies group name list name rule name traffic-condition name icmp-condition
{
    protocol protocol ;
    protocol-operation protocol-operation ;
    ip-flags ip-flags ;
    ip-flags-mask ip-flags-mask ;
    fragment-offset fragment-offset ;
    packet-length packet-length ;
    icmp-type icmp-type ;
    icmp-code icmp-code ;
}
```

Because the protocol is already set to ICMP, do not change the protocol or protocol-operation options.

To add ICMP conditions to a classify-traffic condition:

1. From configuration mode, enter the ICMP configuration. For example:

```
user@host# edit policies group bod list input rule pr traffic-condition ctc  
icmp-condition
```

2. (Optional) Configure the value of the IP flags field in the IP header.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]  
user@host# set ip-flags ip-flags
```

3. (Optional) Configure the mask that is associated with the IP flag.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]  
user@host# set ip-flags-mask ip-flags-mask
```

4. (Optional) Configure the value of the fragment offset field.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]  
user@host# set fragment-offset fragment-offset
```

5. (Optional) Configure the packet length on which to match. The length refers only to the IP packet, including the packet header, and does not include any layer 2 encapsulation overhead.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]  
user@host# set packet-length packet-length
```

6. (Optional) Configure the ICMP packet type on which to match. The packet type must be supported by the router or CMTS device.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]  
user@host# set icmp-type icmp-type
```

7. (Optional) Configure the ICMP code on which to match. The ICMP code must be supported by the router or CMTS device.

```
[edit policies group bod list input rule pr traffic-condition ctc icmp-condition]
user@host# set icmp-code icmp-code
```

8. (Optional) Verify the ICMP condition configuration.

```
[edit policies group bod list input rule pr traffic-condition ctc
icmp-condition]
user@host# show
protocol icmp;
protocol-operation 1;
ip-flags ipFlags;
ip-flags-mask ipFlagsMask;
fragment-offset ipFragOffset;
icmp-type icmpType;
icmp-code icmpCode;
```

- Related Topics**
- Before You Configure Classify-Traffic Conditions
  - Configuring Classify-Traffic Conditions