

## Monitoring Drop Profiles for RED and WRED

**Purpose** Display information about drop profiles and references to drop profiles.

**Action** To display information about all drop profiles:

```
host1#show drop-profile
```

| drop<br>profile | Average<br>length<br>exponent | committed<br>threshold:<br>min,<br>max,<br>max drop prob | conformed<br>threshold:<br>min,<br>max,<br>max drop prob | exceeded<br>threshold:<br>min,<br>max,<br>max drop prob |
|-----------------|-------------------------------|--|--|---|
| default         | 0                             | 0, <none>, <none>  | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop1           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop2           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop3           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop4           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop5           | 0                             | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop6           | 10                            | 0, <none>, <none>  | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop7           | 10                            | 10%, 90%, 5%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop8           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop9           | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop10          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop11          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop12          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop13          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop14          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |
| drop15          | 10                            | 0, 750000, 80%   | 0, <none>, <none>  | 0, <none>, <none>                                       |

To display information about drop profiles in condensed format:

```
host1#show drop-profile brief
```

To display the QoS profiles that reference the drop profile:

```
host1#show drop-profile rates1 references
```

**Meaning** Table 1 on page 1 lists the **show drop-profile** command output fields.

**Table 1: show drop-profile Output Fields**

| Field Name              | Field Description   |
|-------------------------|---|
| drop profile            | Name of the drop profile  |
| Average length exponent | Exponent used to weight the average queue length over time, controlling WRED responsiveness |
| committed threshold     | Minimum and maximum committed queue thresholds and maximum drop probability                 |
| conformed threshold     | Minimum and maximum conformed queue thresholds and maximum drop probability                 |
| exceeded threshold      | Minimum and maximum exceeded queue thresholds and maximum drop probability                  |

- Related Topics**
- Configuring RED
  - Configuring WRED
  - show drop-profile command