

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 profile	Average length exponent	committed threshold:	conformed threshold:	exceeded threshold:
		min, max, max drop prob	min, max, max drop prob	min, max, 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 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

Table 1: show drop-profile Output Fields *(continued)*

Field Name	Field Description
exceeded threshold	Minimum and maximum exceeded queue thresholds and maximum drop probability

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

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