

Configuring Drop Profiles (C-Web Interface)

You configure drop profiles within scheduler actions. Drop profiles support the RED process by defining the drop probabilities across the range of delay-buffer occupancy. For a packet to be dropped, it must match the drop profile. When a packet arrives, RED checks the queue fill level. If the fill level corresponds to a nonzero drop probability, the RED algorithm determines whether to drop the arriving packet. Depending on the drop probabilities, RED might drop packets aggressively long before the buffer becomes full, or it might drop only a few packets even if the buffer is almost full.

In drop profiles you configure the queue threshold and drop probability as paired values. The values can be either percentage values (segmented) or data points (interpolated). These two alternatives enable you to configure each drop probability at up to 64 fill-level/drop-probability paired values, or to configure a profile represented as a series of line segments. For more information about configuring fill level and drop probabilities, see the JUNOS routing platform documentation.

To configure drop profiles:

1. In the side pane, select a scheduler action.
2. From the Create new list, select **Drop Profile**. Type a name for the drop profile, and click **OK**.
3. Enter information as described in the Help text in the main pane, and click **Apply**.

Related Topics ■ Configuring Drop Profiles (SRC CLI)

