

transmit-rate

Syntax	transmit-rate (<i>rate</i> percent <i>percentage</i> remainder \$junos-cos-scheduler-tx) <exact rate-limit>;
Hierarchy Level	[edit dynamic-profiles <i>profile-name</i> class-of-service schedulers <i>scheduler-name</i>]
Release Information	Statement introduced before JUNOS Release 7.4. rate-limit option introduced in JUNOS Release 8.3. The [edit dynamic-profiles <i>profile-name</i>] hierarchy added in JUNOS Release 9.3. The \$junos-cos-scheduler-tx internal variable added in JUNOS Release 9.4.
Description	Specify the transmit rate or percentage for a scheduler in a dynamic profile.
Default	If you do not include this statement, the default scheduler transmission rate and buffer size percentages for queues 0 through 7 are 95, 0, 0, 5, 0, 0, 0, and 0 percent.
Options	<p><i>rate</i>—Transmission rate, in bps. You can specify a value in bits per second either as a complete decimal number or as a decimal number followed by the abbreviation k (1000), m (1,000,000), or g (1,000,000,000). Range: 3200 through 160,000,000,000 bps</p> <p>percent <i>percentage</i>—Percentage of transmission capacity. A percentage of zero drops all packets in the queue. Range: 0 through 100 percent</p> <p>remainder—Use remaining rate available.</p> <p>\$junos-cos-scheduler-tx—JUNOS internal variable that is replaced with the transmission rate obtained from the RADIUS server when a subscriber authenticates over the subscriber interface to which the subscriber access dynamic profile is attached</p> <p>exact—(Optional) Enforce the exact transmission rate. Under sustained congestion, a rate-controlled queue that goes into negative credit fills up and eventually drops packets. Make sure this value never exceeds the rate-controlled amount.</p> <p>rate-limit—(Optional) Limit the transmission rate to the rate-controlled amount during congestion. In contrast to the exact option, when there is no congestion, the scheduler with the rate-limit option shares unused bandwidth above the rate-controlled amount.</p>
Required Privilege Level	interface—To view this statement in the configuration. interface-control—To add this statement to the configuration.
Related Topics	<ul style="list-style-type: none">■ Dynamic Variables Overview■ Configuring Schedulers in a Dynamic Profile■ scheduler

