

buffer-size

| | |
|---------------------------------|---|
| Syntax | buffer-size (percent <i>percentage</i> remainder temporal <i>microseconds</i> \$junos-cos-scheduler-bs); |
| 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. The [edit dynamic-profiles <i>profile-name</i>] hierarchy added in JUNOS Release 9.3. The \$junos-cos-scheduler-bs predefined variable added in JUNOS Release 9.4. |
| Description | Specify buffer size. |
| 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>percent <i>percentage</i>—Buffer size as a percentage of total buffer.</p> <p>remainder—Remaining buffer available.</p> <p>temporal <i>microseconds</i>—Buffer size as a temporal value. The queuing algorithm starts dropping packets when it queues more than a computed number of bytes. This maximum is computed by multiplying the logical interface speed by the configured temporal value.</p> <p>Range: The ranges vary by platform as follows:</p> <ul style="list-style-type: none">■ For IQ PICs on T Series routers and M320 routers: 1 through 50,000 microseconds.■ For IQ PICs on other M Series routers: 1 through 100,000 microseconds.■ For other M Series routers: 1 through 200,000 microseconds. <p>\$junos-scheduler-bx—JUNOS predefined variable that is replaced with the buffer size obtained from the RADIUS server when a subscriber authenticates over the subscriber interface to which the subscriber access dynamic profile is attached.</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 |

Published: 2009-07-16