Q Commands

qos-mode pipe

[no] qos-mode pipe

Syntax Description

no	(Optional) Negate a command or set its defaults
qos-mode	qos-mode
pipe	pipe mode

Command Mode

- /exec/configure/if-nve

qos copy policy-map type network-qos prefix

qos copy policy-map type network-qos <pmap-nq-enum-name-dc3> { prefix | suffix } <ix-name>

Syntax Description

copy	Copy (Clone) template
policy-map	Configure a policy map
type	Specify the type of this policy-map
network-qos	Network QoS policy
pmap-nq-enum-name-dc3	
prefix	Policy map name prefix
suffix	Policy map name suffix
ix-name	Suffix/Prefix name, max size counted together with policy name

Command Mode

- /exec

qos copy policy-map type queuing prefix

qos copy policy-map type queuing <pmap-name-que-temp> { prefix | suffix } <ix-name>

Syntax Description

copy	Copy (Clone) template
policy-map	Configure a policy map
type	Specify the type of this policy-map
queuing	Queuing policy
pmap-name-que-temp	Policy-map name
prefix	Policy map name prefix
suffix	Policy map name suffix
ix-name	Suffix/Prefix name, max size counted together with policy name

Command Mode

- /exec

qos priority

[no] qos priority { high | low | medium }

Syntax Description

no	(Optional) Negate a command or set its defaults
qos	Set qos for default-zone
priority	Priority to be used for frames matching default-zone
high	Frames matching default-zone get high priority
low	Frames matching default-zone get low priority
medium	Frames matching default-zone get medium priority

Command Mode

- /exec/configure/default-zone/attribute-group

qos priority

[no] qos priority { high | low | medium }

Syntax Description

no	(Optional) Negate a command or set its defaults
qos	Set the qos for zone
priority	Priority to be used for frames matching zone
high	Frames matching zone get high priority
low	Frames matching zone get low priority
medium	Frames matching zone get medium priority

Command Mode

- /exec/configure/attribute-group

qos qos-policies statistics

[no] qos qos-policies statistics

Syntax Description

no	(Optional) Negate a command or set its defaults
qos-policies	All qos type policies
statistics	statistics

Command Mode

- /exec/configure

qos shared-policer

{ qos shared-policer [type qos] <policer-name> { [cir] { <cir-val> [bps | kbps | mbps | gbps | pps] | percent <cir-perc> } [[bc] { <committed-burst> [bytes | kbytes | mbytes | ms | us | packets] }] [pir { <pir-val> [bps2 | kbps2 | mbps2 | gbps2 | pps2] | percent <pir-perc> } [[be] { <extended-burst> [bytes2 | kbytes2 | mbytes2 | ms2 | us2 | packets2] }]] [conform { transmit | set-prec-transmit { <prec-val> | <prec-enum> } | set-dscp-transmit { <dscp-val> | <dscp-enum> } | set-cos-transmit <cos-val> | set-discard-class-transmit <disc-class-val> | set-qos-transmit <qos-grp-val> | set-mpls-exp-imposition-transmit <exp-value-imp> | set-mpls-exp-topmost-transmit <exp-value-top> }] [exceed { transmit1 | drop1 | set <exc-frm-field> <exc-to-field> table cir-markdown-map | set-prec-transmit1 { <prec-val1> | <prec-enum1> } | set-dscp-transmit1 { <dscp-val1> | <dscp-enum1> } | set-cos-transmit1 <cos-val1> | set-discard-class-transmit1 <disc-class-val1> | set-qos-transmit1 <qos-grp-val1> | set-mpls-exp-imposition-transmit1 <exp-value-imp1> | set-mpls-exp-topmost-transmit1 <exp-value-top1> }] [violate { drop2 | set <vio-frm-field> <vio-to-field> table2 pir-markdown-map | set-prec-transmit2 { <prec-val2> | <prec-enum2> } | set-dscp-transmit2 { <dscp-val2> | <dscp-enum2> } | set-cos-transmit2 <cos-val2> | set-discard-class-transmit2 <disc-class-val2> | set-qos-transmit2 <qos-grp-val2> | set-mpls-exp-imposition-transmit2 <exp-value-imp2> | set-mpls-exp-topmost-transmit2 <exp-value-top2> }] } | no qos shared-policer [type qos] <policer-name> }

Syntax Description

no	Negate a command or set its defaults
shared-policer	Shared policer
policer-name	Shared policer name
type	(Optional) Specify the type of shared-policer
qos	QoS Global Commands
cir	(Optional) Specify committed information rate
bc	(Optional) Specify committed burst
percent	Specify rate as percentage of interface data-rate
cir-perc	Percentage
pir-perc	(Optional) Percentage
pir	(Optional) Specify peak information rate
be	(Optional) Specify extended burst (for 1R3C meter)
bps	(Optional) Bits per second
kbps	(Optional) Kilo bits per second
mbps	(Optional) Mega bits per second
gbps	(Optional) Giga bits per second
pps	(Optional) Packets per second

bps2	(Optional) Bits per second
kbps2	(Optional) Kilo Bits per second
mbps2	(Optional) Mega Bits per second
gbps2	(Optional) Giga Bits per second
pps2	(Optional) Packets per second
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
us	(Optional) Micro second(s)
ms	(Optional) Milli second(s)
packets	(Optional) Packets
bytes2	(Optional) Bytes
kbytes2	(Optional) Kilo Bytes
mbytes2	(Optional) Mega Bytes
ms2	(Optional) Milli seconds
us2	(Optional) Micro seconds
packets2	(Optional) Packets
conform	(Optional) Specify a conform action
exceed	(Optional) Specify a exceed action
violate	(Optional) Specify a violate action
transmit	(Optional) Transmit packet
transmit1	(Optional) Transmit packet
drop1	(Optional) Drop packet
drop2	(Optional) Drop packet
set-prec-transmit	(Optional) Set precedence and send it
set-prec-transmit1	(Optional) Set precedence and send it
set-prec-transmit2	(Optional) Set precedence and send it
prec-val	(Optional) Precedence value
prec-val1	(Optional) Precedence value

prec-val2	(Optional) Precedence value
prec-enum	(Optional)
prec-enum1	(Optional)
prec-enum2	(Optional)
set-dscp-transmit	(Optional) Set dscp and send it
set-dscp-transmit1	(Optional) Set dscp and send it
set-dscp-transmit2	(Optional) Set dscp and send it
dscp-val	(Optional) DSCP value
dscp-val1	(Optional) DSCP value
dscp-val2	(Optional) DSCP value
dscp-enum	(Optional)
dscp-enum1	(Optional)
dscp-enum2	(Optional)
set-cos-transmit	(Optional) Set cos and send it
set-cos-transmit1	(Optional) Set cos and send it
set-cos-transmit2	(Optional) Set cos and send it
cos-val	(Optional) new cos value
cos-val1	(Optional) new cos value
cos-val2	(Optional) new cos value
set-discard-class-transmit	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-discard-class-transmit1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-discard-class-transmit2	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
disc-class-val	(Optional) new discard-class value
disc-class-val1	(Optional) new discard-class value
disc-class-val2	(Optional) new discard-class value
set-qos-transmit	(Optional) Set qos-group and send it
set-qos-transmit1	(Optional) Set qos-group and send it
set-qos-transmit2	(Optional) Set qos-group and send it
qos-grp-val	(Optional) QoS group value

qos-grp-val1	(Optional) QoS group value
qos-grp-val2	(Optional) QoS group value
set-mpls-exp-imposition-transmit	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-mpls-exp-imposition-transmit1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-mpls-exp-imposition-transmit2	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
exp-value-imp	(Optional) MPLS imposition value
exp-value-imp1	(Optional) MPLS imposition value
exp-value-imp2	(Optional) MPLS imposition value
set-mpls-exp-topmost-transmit	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-mpls-exp-topmost-transmit1	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
set-mpls-exp-topmost-transmit2	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
exp-value-top	(Optional) MPLS topmost value
exp-value-top1	(Optional) MPLS topmost value
exp-value-top2	(Optional) MPLS topmost value
set	THIS KEYWORD OR VARIABLE IS NOT SUPPORTED
exc-frm-field	(Optional)
exc-to-field	(Optional)
vio-frm-field	(Optional)
vio-to-field	(Optional)
table	(Optional) Set using the table-map
table2	(Optional) Set using the table-map
cir-markdown-map	(Optional) Markdown map table name for exceed action
pir-markdown-map	(Optional) Markdown map table name for violate action

Command Mode

- /exec/configure

qos statistics

[no] qos statistics

Syntax Description

no	(Optional) Negate a command or set its defaults
statistics	statistics

Command Mode

- /exec/configure

qualify udf

[no] <udf_tcam_type> qualify udf { <udf_name> } +

Syntax Description

no	(Optional) Negate a command or set its defaults
udf_tcam_type	Region type
qualify	Configure UDFs to be qualified for span region
udf	Configure UDF names
udf_name	UDF name

Command Mode

- /exec/configure/tcam-templ

quality receive

[no] quality receive

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
receive	Adjust the received quality level

Command Mode

- /exec/configure/gnss-if/fsync

quality receive

quality receive { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } }

Syntax Description

quality	Quality level configuration
receive	Adjust the received quality level
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/if-eth-base/fsync

quality receive

[no] quality receive

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
receive	Adjust the received quality level

Command Mode

- /exec/configure/if-eth-base/fsync

quality receive

quality receive { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } }

Syntax Description

quality	Quality level configuration
receive	Adjust the received quality level
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/clock-if/fsync

quality receive

[no] quality receive

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
receive	Adjust the received quality level

Command Mode

- /exec/configure/clock-if/fsync

quality receive

quality receive { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } }

Syntax Description

quality	Quality level configuration
receive	Adjust the received quality level
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/gnss-if/fsync

quality transmit

quality transmit { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } } }

Syntax Description

quality	Quality level configuration
transmit	Set the quality level to be transmitted
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/if-eth-base/fsync

quality transmit

[no] quality transmit

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
transmit	Set the quality level to be transmitted

Command Mode

- /exec/configure/if-eth-base/fsync

quality transmit

quality transmit { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } } }

Syntax Description

quality	Quality level configuration
transmit	Set the quality level to be transmitted
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/clock-if/fsync

quality transmit

[no] quality transmit

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
transmit	Set the quality level to be transmitted

Command Mode

- /exec/configure/clock-if/fsync

quality transmit

quality transmit { { exact itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } | { lowest itu-t option { 1 <ql_o1> highest <ql_o1> | 2 generation { 1 <ql_o2_g1> highest <ql_o2_g1> | 2 <ql_o2_g2> highest <ql_o2_g2> } } } | { highest itu-t option { 1 <ql_o1> | 2 generation { 1 <ql_o2_g1> | 2 <ql_o2_g2> } } } }

Syntax Description

quality	Quality level configuration
transmit	Set the quality level to be transmitted
exact	Specifies the exact QL to send
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
lowest	Specifies a lower limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
highest	Specifies an upper limit on the QL to be sent
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1

ql_o2_g1	QL option 2 generation 1
highest	Specifies an upper limit on the QL to be sent
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
ql_o2_g2	QL option 2 generation 2
highest	Specifies an upper limit on the QL to be sent
itu-t	ITU-T options
option	ITU-T options
1	ITU-T QL option 1
ql_o1	QL option 1
2	ITU-T QL option 2
generation	ITU-T QL option 2 generation
1	ITU-T QL option 2 generation 1
ql_o2_g1	QL option 2 generation 1
2	ITU-T QL option 2 generation 2
ql_o2_g2	QL option 2 generation 2

Command Mode

- /exec/configure/gnss-if/fsync

quality transmit

[no] quality transmit

Syntax Description

no	Negate a command or set its defaults
quality	Quality level configuration
transmit	Set the quality level to be transmitted

Command Mode

- /exec/configure/gnss-if/fsync

queue-limit

[no] queue-limit [cos <cos-val>] { <q-size> [packets | bytes | kbytes | mbytes | ms | us] | percent <perc-q-size> | dynamic <alpha> }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit	Configure queue size for the class
cos	(Optional) IEEE 802.1Q Class of Service
cos-val	(Optional) 802.1Q Class of Service value
percent	Specify queue size in Percentage
perc-q-size	Queue size in percentage of total tx/rx buffer size
dynamic	Queue size in dynamic alpha factor
alpha	0-1/128, 1-1/64, 2-1/32, 3-1/16, 4-1/8, 5-1/4, 6-1/2, 7-1, 8-2, 9-4, 10-8
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
ms	(Optional) Milli second(s)
us	(Optional) Micro second(s)

Command Mode

- /exec/configure/policy-map/type/queuing/class

queue-limit2

[no] queue-limit2 [cos2 <cos-val>] { <q-size> [packets | bytes | kbytes | mbytes | ms | us] | percent2 <perc-q-size> | dynamic2 <alpha> }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit2	Configure queue size for the class
cos2	(Optional) IEEE 802.1Q Class of Service
cos-val	(Optional) 802.1Q Class of Service value
percent2	Specify queue size in Percentage
perc-q-size	Queue size in percentage of total tx/rx buffer size
dynamic2	Queue size in dynamic alpha factor
alpha	0-1/128, 1-1/64, 2-1/32, 3-1/16, 4-1/8, 5-1/4, 6-1/2, 7-1, 8-2, 9-4, 10-8
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
ms	(Optional) Milli second(s)
us	(Optional) Micro second(s)

Command Mode

- /exec/configure/policy-map/type/queuing/class

queue-limit3

[no] queue-limit3 [cos3 <cos-val>] { <q-size> [packets | bytes | kbytes | mbytes | ms | us] | percent3 <perc-q-size> | dynamic3 <alpha> }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit3	Configure queue size for the class
cos3	(Optional) IEEE 802.1Q Class of Service
cos-val	(Optional) 802.1Q Class of Service value
percent3	Specify queue size in Percentage
perc-q-size	Queue size in percentage of total tx/rx buffer size
dynamic3	Queue size in dynamic alpha factor
alpha	0-1/8, 1-1/4, 2-1/2, 3-3/4, 4-9/8, 5-15/8, 6-3, 7-5, 8-8, 9-14, 10-18
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
ms	(Optional) Milli second(s)
us	(Optional) Micro second(s)

Command Mode

- /exec/configure/policy-map/type/queuing/class

queue-limit4

[no] queue-limit4 [cos4 <cos-val>] { <q-size> [packets | bytes | kbytes | mbytes | ms | us] | percent4 <perc-q-size> | dynamic4 <alpha> }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit4	Configure queue size for the class
cos4	(Optional) IEEE 802.1Q Class of Service
cos-val	(Optional) 802.1Q Class of Service value
percent4	Specify queue size in Percentage
perc-q-size	Queue size in percentage of total tx/rx buffer size
dynamic4	Queue size in dynamic alpha factor
alpha	0-3/2, 1-3, 2-6, 3-11, 4-20, 5-33, 6-50, 7-66, 8-80
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
ms	(Optional) Milli second(s)
us	(Optional) Micro second(s)

Command Mode

- /exec/configure/policy-map/type/queuing/class

queue-limit5

[no] queue-limit5 [cos5 <cos-val>] { <q-size> [packets | bytes | kbytes | mbytes | ms | us] | percent5 <perc-q-size> | dynamic5 <alpha> }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit5	Configure queue size for the class
cos5	(Optional) IEEE 802.1Q Class of Service
cos-val	(Optional) 802.1Q Class of Service value
percent5	Specify queue size in Percentage
perc-q-size	Queue size in percentage of total tx/rx buffer size
dynamic5	Queue size in dynamic alpha factor
alpha	1-1/16, 2-1/8, 3-1/4, 4-1/2, 5-1, 6-2, 7-4, 8-8
packets	(Optional) Packets
bytes	(Optional) Bytes
kbytes	(Optional) Kilo bytes
mbytes	(Optional) Mega bytes
ms	(Optional) Milli second(s)
us	(Optional) Micro second(s)

Command Mode

• /exec/configure/policy-map/type/queuing/class

queue-limit bytes

[no] queue-limit { <q-size> bytes }

Syntax Description

no	(Optional) Negate a command or set its defaults
queue-limit	Configure queue size for the class
bytes	Bytes

Command Mode

- /exec/configure/policy-map/type/uf/class

queue-limit retransmit

queue-limit retransmit { <qlimit> | unlimited } | no queue-limit retransmit [<qlimit> | unlimited]

Syntax Description

no	Negate a command or set its defaults
queue-limit	Set maximum queue size
retransmit	Set maximum size of retransmit queue
qlimit	Maximum number of LSPs in retransmit queue
unlimited	Unlimited retransmit queue

Command Mode

- /exec/configure/router-isis/router-isis-vrf-common

queue-limit retransmit

queue-limit retransmit { <qlimit> | unlimited } | no queue-limit retransmit [<qlimit> | unlimited]

Syntax Description

no	Negate a command or set its defaults
queue-limit	Set maximum queue size
retransmit	Set maximum size of retransmit queue
qlimit	Maximum number of LSPs in retransmit queue
unlimited	Unlimited retransmit queue

Command Mode

- /exec/configure/l2mp-isis/l2mp-isis-vrf-common

queue

[no] queue { <queuenumber> | <queuerange> }

Syntax Description

queue	Specify queue/s to monitor buffer-drop
queuenumber	
queuerange	

Command Mode

- /exec/configure/config-buffer-drop-monitor

queue interface latency-threshold

[no] queue { <queuenumber> | <queuerange> } interface <interface_range> latency-threshold <thresholdname>

Syntax Description

queue	Specify queue/s to monitor buffer-latency
queuenumber	
queuerange	
interface	Configure interfaces
interface_range	
latency-threshold	Specify the latency threshold name
thresholdname	Name for threshold

Command Mode

• /exec/configure/config-buffer-latency-record