



## Q Show Commands

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# show qos dcbxp incompatibility interface

**show qos dcbxp incompatibility interface** *iface-num* [**\_\_readonly\_\_** *pfc mtu lpg rpg bw lfcoe rfcoe liscsi riscsi*]

## Syntax Description

<b>show</b>	Show running system information
<b>qos</b>	qos
<b>dcbxp</b>	DCBXP
<b>incompatibility</b>	incompatibility information
<b>interface</b>	incompatibility info for interface
<i>iface-num</i>	Type: interface Interface
<b>__readonly__</b>	
<i>pfc</i>	Type: string pfc
<i>mtu</i>	Type: uinteger MTU Value
<i>lpg</i>	Type: string Local Priority Grouping
<i>rpg</i>	Type: string Remote Priority Grouping
<i>bw</i>	Type: string CIN: bandwidth/priority
<i>lfcoe</i>	Type: integer local fcoe
<i>rfcoe</i>	Type: integer remote fcoe
<i>liscsi</i>	Type: integer local iscsi

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<i>riscsi</i>	Type: integer
	remote iscsi

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**Command Modes**

- /exec

# show qos dcbxp info

show qos dcbxp info [\_\_readonly\_\_ *intf pfc pfc pgr pgc mtur mtuc fcoer fcoec iscsir iscsic*]

## Syntax Description

<b>show</b>	Show running system information
<b>qos</b>	qos
<b>dcbxp</b>	DCBXP
<b>info</b>	information
<u>__readonly__</u>	
<i>intf</i>	Type: string Interface
<i>pfc</i>	Type: integer pfc recvd
<i>pfc</i>	Type: integer pfc compatible
<i>pgr</i>	Type: integer pg received
<i>pgc</i>	Type: integer pg compatible
<i>mtur</i>	Type: integer mtu received
<i>mtuc</i>	Type: integer mtu compatible
<i>fcoer</i>	Type: integer fcoe received
<i>fcoec</i>	Type: integer fcoe compatible
<i>iscsir</i>	Type: integer iscsi received

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<i>iscsic</i>	Type: integer
	iscsi compatible

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**Command Modes**

- /exec

## show qos shared-policer

```
show qos shared-policer [type qos1] [ policer-name ] [ __readonly__ [TABLE_policer policer-name2
[ cir-spec ] [ bc-spec ] [ be-spec ] [ cir-rate-units ] [ cir ] [ bc-size-units ] [ bc ] [ pir-rate-units ] [ pir ]
[ be-size-units ] [ be ] [ cnf-col-cmap ] [ exc-col-cmap ] [TABLE_action action-key [ cnf-act ] [ exc-act ]
[ vio-act ] [ set-type ] [ enum-spec ] [ set-val ] [ tmap-from ] [ tmap-to ] [ tmap-name ]]]]
```

### Syntax Description

<b>show</b>	Show running system information
<b>qos</b>	Show qos configurations
<b>shared-policer</b>	Shared policer <i>Not available in this release.</i>
<b>type</b>	Type of shared policer
<b>qos1</b>	type qos
<i>policer-name</i>	Type: string length: 40 Shared policer name
<b>__readonly__</b>	
<b>TABLE_policer</b>	all police xml sessions
<i>policer-name2</i>	Type: string Policer Name
<b>TABLE_action</b>	all police actions xml sessions
<i>action-key</i>	Type: uinteger Count
<i>cir-spec</i>	Type: uinteger min: 0 max: 1 Is CIR keyword specified
<i>bc-spec</i>	Type: uinteger min: 0 max: 1 Is Committed Burst keyword specified
<i>be-spec</i>	Type: uinteger min: 0 max: 1 Is Extended Burst keyword specified

<i>cir-rate-units</i>	Type: uinteger Units of rate - bps, kbps, mbps, gbps, ms, us, pps
<i>pir-rate-units</i>	Type: uinteger Units of rate - bps, kbps, mbps, gbps, ms, us, pps
<i>bc-size-units</i>	Type: uinteger Units of size - pkts/bytes/kbytes/mbytes/ms/us/perc
<i>be-size-units</i>	Type: uinteger Units of size - pkts/bytes/kbytes/mbytes/ms/us/perc
<i>tmap-from</i>	<p><b>cos value: 1</b> table map of cos type (1)</p> <p><b>dscp value: 2</b> table map of dscp type (2)</p> <p><b>prec value: 3</b> table map of prec type (3)</p> <p><b>qos-grp value: 5</b> table map of qos-grp type (4)</p> <p><b>dis-cl value: 4</b> table map of discard-class type (5)</p>
<i>tmap-to</i>	<p><b>cos value: 1</b> table map of cos type (1)</p> <p><b>dscp value: 2</b> table map of dscp type (2)</p> <p><b>prec value: 3</b> table map of prec type (3)</p> <p><b>qos-grp value: 5</b> table map of qos-grp type (4)</p> <p><b>dis-cl value: 4</b> table map of discard-class type (5)</p>
<i>tmap-name</i>	Type: string Table map name

<i>cir</i>	Type: long Committed Information Rate
<i>bc</i>	Type: long Committed Burst Size
<i>pir</i>	Type: long Peak Information Rate
<i>be</i>	Type: long Extended Burst Size
<i>cnf-col-cmap</i>	Type: string Conforming color class-map name
<i>exc-col-cmap</i>	Type: string Exceeding color class-map name
<i>enum-spec</i>	Type: uinteger min: 0 max: 1 Is DSCP or PREC enum value specified
<i>cnf-act</i>	Type: uinteger Conform action (Police)
<i>exc-act</i>	Type: uinteger Exceed action (Police)
<i>vio-act</i>	Type: uinteger Violate action (Police)
<i>set-type</i>	Type: uinteger Type of set in police action
<i>set-val</i>	Type: uinteger Value of set type in police action

**Command Modes**

- /exec



# show queuing

```
show queuing [interface if_name] [summary] [module module] [__readonly__ [TABLE_queuing_interface
if_name_str [TABLE_qosgrp_cfg qosgrp [ bandwidth ] [ priority ] [ shape-min ] [ shape-max ] [ shape-units ] ]
[TABLE_qosgrp_egress_stats eq-qosgrp [TABLE_qosgrp_egress_stats_entry eq-stat-type eq-stat-units
eq-uc-stat-value eq-oobfc-uc-stat-value eq-mc-stat-value] ] [TABLE_egress_stats_entry ep-stat-type
ep-stat-units ep-stat-value] [tx-ppp rx-ppp [TABLE_pfc_stats cos [ pfc-qosgrp ] tx-pause-state tx-pause-count
rx-pause-state rx-pause-count]]]]]
```

## Syntax Description

<b>show</b>	commands to display
<b>queuing</b>	Queuing related information
<b>interface</b>	Interface for displaying queuing config
<i>if_name</i>	Type: interface interface name
<b>module</b>	Slot/module
<i>module</i>	Type: integer Slot/module number
<b>summary</b>	summary
<b>__readonly__</b>	
<i>if_name_str</i>	Type: string interface name
<b>TABLE_queuing_interface</b>	Queuing information of an interface
<b>TABLE_qosgrp_cfg</b>	Qos-group configuration
<i>qosgrp</i>	Type: uinteger Qos-group value
<i>bandwidth</i>	Type: uinteger WRR bandwidth
<i>priority</i>	Type: uinteger Priority level
<i>shape-min</i>	Type: long Minimum shape rate

<i>shape-max</i>	Type: long Maximum shape rate
<i>shape-units</i>	Type: string Shape units
<b>TABLE_qosgrp_egress_stats</b>	Qos-group egress statistics
<i>eq-qosgrp</i>	Type: uinteger Qos-group value
<b>TABLE_qosgrp_egress_stats_entry</b>	Qos-group egress statistics entry
<i>eq-stat-type</i>	Type: string Qos-group egress statistics type
<i>eq-stat-units</i>	Type: string Qos-group egress statistics units
<i>eq-uc-stat-value</i>	Type: long Qos-group egress statistics value for unicast
<i>eq-oobfc-uc-stat-value</i>	Type: long Qos-group egress statistics value for OOBFC unicast
<i>eq-mc-stat-value</i>	Type: long Qos-group egress statistics value for multicast
<b>TABLE_egress_stats_entry</b>	Egress port statistics
<i>ep-stat-type</i>	Type: string Egress port statistics type
<i>ep-stat-units</i>	Type: string Egress port statistics units
<i>ep-stat-value</i>	Type: long Egress port statistics value
<b>TABLE_pfc_stats</b>	Per COS PFC statistics
<i>cos</i>	Type: uinteger PFC COS
<i>pfc-qosgrp</i>	Type: uinteger Qos-group of the given COS

<i>tx-ppp</i>	Type: long Number of PPP frames transmitted
<i>rx-ppp</i>	Type: long Number of PPP frames transmitted
<i>tx-pause-state</i>	Type: string Tx PFC state of the given COS
<i>tx-pause-count</i>	Type: long Number of PFC frames transmitted for the given COS
<i>rx-pause-state</i>	Type: string Rx PFC state of the given COS
<i>rx-pause-count</i>	Type: long Number of PFC frames received for the given COS

**Command Modes**

- /exec

