

show connections

Syntax show connections
<brief | extensive>
<all | remote-interface-switch>
<down | up | up-down>
<history>
<labels>
<name>
<status>

Release Information Command introduced in JUNOS Release 9.5 for EX-series switches.

Description Display information about the configured circuit cross-connect (CCC) connections.

Options none—Display the standard level of output for all configured CCC connections on all logical systems.

brief | extensive—(Optional) Display the specified level of output.

all—(Optional) Display all connections.

down | up | up-down—(Optional) Display nonoperational, operational, or both kinds of connections.

history—(Optional) Display information about connection history.

labels—(Optional) Display labels used for transmit and receive LSPs.

name—(Optional) Display information about the specified connection only.

remote-interface-switch—(Optional) Display remote interface switch connections only.

name—(Optional) Display information about the specified connection only.

status—(Optional) Display information about the connection and interface status.

Required Privilege Level view

- Related Topics**
- Example: Configuring MPLS on EX-series Switches
 - Configuring MPLS on Provider Edge Switches (CLI Procedure)
 - connections

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Output Fields Table 1 describes the output fields for the `show connections` command. Output fields are listed in the approximate order in which they appear.

Table 1: show connections Output Fields

Field Name	Field Description
CCC and TCC connections [Link Monitoring On Off]	Whether link monitoring is enabled: On or Off.
Legend for Status (St)	Connection or circuit status. See the output's legend for an explanation of the status field values.
Legend for connection types	Type of connection: <ul style="list-style-type: none"> ■ if-sw—Layer 2 switching cross-connect. ■ rmt-if—Remote interface switch. While graceful restart is in progress, rmt-if will display a state (St) of Restart.
Legend for circuit types	Type of circuit: <ul style="list-style-type: none"> ■ intf—Interface circuit. ■ tlsp—Transmit LSP circuit. ■ rlsp—Receive LSP circuit.
Connection/Circuit	Name of the configured CCC connection.
Type	Type of connection.
St	State of the connection.
Time last up	Time that the connection or circuit last transitioned to the Up (operational) state.
# Up trans	Number of times that the connection or circuit has transitioned to the Up (operational) state.

show connections user@switch> `show connections`

Connection/Circuit	Type	St	Time last up	# Up trans
ge1-to-pe2	rmt-if	Up	Jun 26 18:37:25	
1				
ge-0/0/5.0	intf	Up		
lsp_pe1_to_ge1_pe2	tlsp	Up		
lsp_pe2_to_ge1_pe1	rlsp	Up		

show connections brief user@switch> `show connections brief`

Connection/Circuit	Type	St	Time last up	# Up trans
ge-1_to_pe2	rmt-if	Up	Jan 29 13:07:56	
1				

show connections down user@switch> **show connections down**
No matching connections found.

show connections extensive user@switch> **show connections extensive**

Connection/Circuit	Type	St	Time last up	# Up trans
ge1-to-pe2	rmt-if	Up	Jan 29 13:07:56	
1				
ge-0/0/5.0	intf	Up		
lsp_pe1_to_ge1_pe2	tlsp	Up		
lsp_pe2_to_ge1_pe1	rlsp	Up		
Incoming labels: 299776				
Outgoing labels: Push 300112				

show connections history user@switch> **show connections history**

Connection/Circuit	Type	St	Time last up	# Up trans
ge1-to-pe2	rmt-if	Up	Jan 29 13:07:56	
1				
				# Paths
				Rcv Xmt
Time	Event	Interface/Label		
Jan 29 13:07:56	CCC status update			1 1
Jan 29 13:07:55	TLSP up	300112@1:0, 1		1 1
Jan 29 13:07:55	TLSP down	300112@1		1 0
Jan 29 13:07:55	TLSP up	300112@1:0, 4097		1 1
Jan 29 13:07:54	RLSP up	299776		1 0
Jan 29 13:01:08	Remote CCC down			0 0
Jan 29 13:01:08	Interface up	ge-0/0/0.10		0 0
Jan 29 13:01:06	Interface down	ge-0/0/0.10		0 0
Jan 29 13:01:04	Remote CCC down			0 0
Jan 29 13:01:02	Interface down			0 0

show connections labels user@switch> **show connections labels**

Connection/Circuit	Type	St	Time last up	# Up trans
ge1-to-pe2	rmt-if	RmtDn	Jun 26 18:37:25	
1				
Incoming labels: 299776				
Outgoing labels: Push 299792				

show connections <name> user@switch> **show connections ge1-to-pe2**

Connection/Circuit	Type	St	Time last up	# Up trans
ge1-to-pe2	rmt-if	Up	Jan 29 13:07:56	
1				
ge-0/0/5.0	intf	Up		
lsp_pe1_to_ge1_pe2	tlsp	Up		
lsp_pe2_to_ge1_pe1	rlsp	Up		

show connections remote-interface-switch

Connection/Circuit	Type	St	Time last up	# Up trans
xcon10_ge0_to_239	rmt-if	Up	Jan 29 13:07:56	
1				
ge-0/0/0.10	intf	Up		
lsp_to_240_10	tlsp	Up		
lsp_to_239_10	rlsp	Up		
xcon11_ge0_to_239	rmt-if	Up	Jan 29 13:07:57	
1				
ge-0/0/0.11	intf	Up		
lsp_to_240_11	tlsp	Up		
lsp_to_239_11	rlsp	Up		

```
show connections user@switch> show connections status
status Connection/Circuit Type St Time last up # Up trans
xcon10_ge0_to_239 rmt-if Up Jan 29 13:07:56
1
ge-0/0/0.10 intf Up
lsp_to_240_10 tlsp Up
lsp_to_239_10 rlsp Up
xcon11_ge0_to_239 rmt-if Up Jan 29 13:07:57
1
ge-0/0/0.11 intf Up
lsp_to_240_11 tlsp Up
lsp_to_239_11 rlsp Up
```