

show diameter peer

Syntax	show diameter peer <brief detail summary> <peer-name>
Release Information	Command introduced in JUNOS Release 9.6.
Description	Display information about all peers associated with Diameter instances or only the specified peer.
Options	brief detail summary —(Optional) Display the specified level of output. The summary output is displayed by default and includes basic peer information. The brief output displays the summary information in a different format. The detail output adds information to the brief output. peer-name —(Optional) Display information for only the specified peer.
Required Privilege Level	view
Related Topics	clear diameter peer
List of Sample Output	show diameter peer on page 3 show diameter peer detail on page 3
Output Fields	Table 1 lists the output fields for the show diameter peer command. Output fields are listed in the approximate order in which they appear.

Table 1: show diameter peer Output Fields

Field Name	Field Description	Level of Output
Peer	Name of the peer.	summary
Instance	Name of the Diameter instance in which the network element is configured.	All levels
State	State of the peer: <ul style="list-style-type: none">■ Disabled—Peer is administratively disabled.■ Disabled—■ No-Activation—Peer is not used by any Diameter network element.■ Rejected—Connection was rejected by remote side of the connection.■ Bad-Remote—Remote side does not conform to one of the decisions or is sending malformed messages.■ Bad-Config—Misconfiguration.■ Suspended—All other reasons to be suspended..■ Closed—Normal disconnect due to a request from the remote site or due to excessive watchdog timeouts.■ Internal-error—Internal error has been detected and the peer is in the process of restarting.■ Destructing—Peer to be deleted on the next timer tick; until then, it performs no actions.	All levels

Table 1: show diameter peer Output Fields (continued)

Field Name	Field Description	Level of Output
NE-Count	Number of network elements associated with the peer.	summary
Activated Count	Activation status of the peer: ■ 1—Peer is activated. ■ 0—Peer is not activated.	All levels
Primary Count	Primary (1) versus secondary (0) status of the peer.	All levels
Secondary Count	Secondary (0) versus Primary (1) status of the peer.	All levels
Peer name	Name of the peer.	brief detail
NEs	Number of network elements associated with the peer.	brief detail
Vrf	Logical system:routing instance of the configuration.	brief detail
Remote address	Remote IP address of the peer.	brief detail
Remote port	Remote port on the peer on which the connection is made.	brief detail
Remote end origin realm	Name of the realm of the Diameter node that originates messages to the peer.	brief detail
Remote end origin host	Name of the host of the Diameter node that originates messages to the peer.	brief detail
Local address	Local IP address on the Diameter origin node.	brief detail
Local port	Local port on the Diameter origin node.	brief detail
Time since last enable	Period since peer was enabled in <i>hh:mm:ss</i> format.	brief detail
In state time	Period that peer has been in present state in <i>hh:mm:ss</i> format.	brief detail
Remaining in state time	Period that peer will remain in present state in <i>hh:mm:ss</i> format.	brief detail
Missing wd events	Number of missed watchdog events.	brief detail
Tx queue length	Number of messages in the transmit queue.	brief detail
Answer waiting count	Number of answers on which the peer is waiting.	brief detail
Time since last rx	Number of milliseconds since the last message was received by the peer.	brief detail
Time until wd timeout	Time remaining until next watchdog event.	brief detail
Operation timeout	Watchdog timeout period.	brief detail

Table 1: show diameter peer Output Fields (continued)

Field Name	Field Description	Level of Output
Suspended timeout base	Base timeout period in suspended states (suspended, rejected, bad-remonte, bad-config). This timeout doubles after each consecutive suspension, until the maximum value of 600 seconds is reached.	brief detail
Closed timeout	Timeout period in normal closed state, such as when an external peer requested a disconnect.	brief detail
Connection timeout	Timeout period for establishing a connection.	brief detail

show diameter peer user@host> **show diameter peer**

Diameter peer list:

Peer	Instance	State	NE-Count	Activated Count	Primary Count	Secondary Count
p0	master	I-Open	1	1	1	0
p1	master	I-Open	1	1	0	1
p288	master	Suspended	1	1	0	0
pA	master	Suspended	1	1	0	0
pB	master	No-Activation	1	0	0	0
pc	master	No-Activation	0	0	0	0
pd	master	No-Activation	0	0	0	0

show diameter peer detail user@host> **show diameter peer detail**

Diameter peer:

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Peer name           : p0
State               : I-Open
NEs                 : 1
Activated count     : 1
Primary count       : 1
Secondary count     : 0
Vrf                 : default:master
Remote address      : 10.10.5.28
Remote port         : 62917
Remote end origin realm : rrrrA
Remote end origin host  : hhhhA
Local address       : 10.6.128.155
Local port          : 57095
Time since last enable : 08:56.200
In state time       : 08:56.200
Remaining in state time : no limit
Missed wd events    : 0
Tx queue length     : 0
Answer waiting count : 0
Time since last rx   : 2200 ms
Time until wd timeout : 3800 ms
Operation timeout    : 6000 ms
Suspended timeout base : 30000 ms
Closed timeout       : 30000 ms
Connection timeout   : 6000 ms

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Peer name           : p1
State               : I-Open

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Nes : 1
Activated count : 1
Primary count : 0
Secondary count : 1
Vrf : default:master
Remote address : 10.10.5.28
Remote port : 58490
Remote end origin realm : rrrrA
Remote end origin host : hhhhB
Local address : 10.6.128.155
Local port : 49293
Time since last enable : 08:56.200
In state time : 08:36.000
Remaining in state time : no limit
Missed wd events : 0
Tx queue length : 0
Answer waiting count : 0
Time since last rx : 0 ms
Time until wd timeout : 6000 ms
Operation timeout : 6000 ms
Suspended timeout base : 30000 ms
Closed timeout : 30000 ms
Connection timeout : 6000 ms
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