

show diameter function statistics

Syntax	show diameter function statistics <brief detail summary> <function-name>
Release Information	Command introduced in JUNOS Release 9.6.
Description	Display statistics about all functions associated with Diameter instances or only the specified function.
Options	brief detail summary —(Optional) Display the specified level of output. The summary output is displayed by default and includes basic function statistics. The brief output displays the summary information in a different format and adds numbers accumulated since the Diameter node was started. The detail output adds information to the brief output. function-name —(Optional) Display information for only the specified function. When you specify a function, the brief output is displayed by default, even when you explicitly specify summary .
Required Privilege Level	view
Related Topics	clear diameter function statistics
List of Sample Output	show diameter function statistics on page 2 show diameter function statistics brief on page 2 show diameter function statistics detail on page 3
Output Fields	Table 1 lists the output fields for the show diameter function statistics command. Output fields are listed in the approximate order in which they appear.

Table 1: show diameter function statistics Output Fields

Field Name	Field Description	Level of Output
Function	Name of the function for which information is displayed.	All levels
Delivered Requests	Number of requests delivered by Diameter to the application.	All levels
Delivered Answers	Number of answers delivered by Diameter to the application.	All levels
Delivered Messages	Total number of messages delivered by Diameter to the application.	All levels
Forwarded Requests	Number of requests sent by Diameter to the network.	All levels
Forwarded Answers	Number of answers sent by Diameter to the network.	All levels
Forwarded Messages	Number of messages sent by Diameter to the network.	All levels
Function name	Name of the function for which information is displayed.	All levels

Table 1: show diameter function statistics Output Fields (continued)

Field Name	Field Description	Level of Output
Over-limit network requests	Number of requests sent to Diameter peers that exceeded the limit on the network transmit queue.	detail
Over-limit network answers	Number of answers sent to Diameter peers that exceeded the limit on the network transmit queue.	detail
Over-limit network messages	Total number of messages sent to Diameter peers that exceeded the limit on the network transmit queue.	detail
Failed to deliver requests	Number of requests sent by Diameter to its application that were not successfully delivered.	detail
Failed to deliver answers	Number of answers sent by Diameter to its application that were not successfully delivered.	detail
Failed to deliver messages	Total number of messages sent by Diameter to its application that were not successfully delivered.	detail
Over-limit function requests	Number of requests sent to Diameter peers that exceeded the limit on the function transmit queue.	detail
Over-limit function answers	Number of answers sent to Diameter peers that exceeded the limit on the function transmit queue.	detail
Over-limit function messages	Total number of messages sent to Diameter peers that exceeded the limit on the function transmit queue.	detail
Failed to forward requests	Number of requests that were not successfully sent by Diameter to the network.	detail
Failed to forward answers	Number of answers that were not successfully sent by Diameter to the network.	detail
Failed to forward messages	Total number of messages that were not successfully sent by Diameter to the network.	detail

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show diameter function statistics  user@host> show diameter function statistics
Diameter function statistics:
      Delivered Delivered Delivered Forwarded Forwarded Forwarded
Function Requests  Answers  Messages  Requests  Answers  Messages
jsrc              0         0         0         0         0         0

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show diameter function statistics brief  user@host> show diameter function statistics brief
Diameter function statistics:
Function name           : jsrc

Delivered requests      :      0      0
Delivered answers       :      0      0
Delivered messages      :      0      0
Forwarded requests      :      0      0
Forwarded answers       :      0      0

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Forwarded messages : 0 0

show diameter function statistics detail user@host> **show diameter function statistics detail**

Diameter function statistics:

Function name : jsrc

Delivered requests	:	0	0
Delivered answers	:	0	0
Delivered messages	:	0	0
Forwarded requests	:	0	0
Forwarded answers	:	0	0
Forwarded messages	:	0	0
Over-limit network requests	:	0	0
Over-limit network answers	:	0	0
Over-limit network messages	:	0	0
Failed to deliver requests	:	0	0
Failed to deliver answers	:	0	0
Failed to deliver messages	:	0	0
Over-limit function requests	:	0	0
Over-limit function answers	:	0	0
Over-limit function messages	:	0	0
Failed to forward requests	:	0	0
Failed to forward answers	:	0	0
Failed to forward messages	:	0	0

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