

## show diameter route

<b>Syntax</b>	show diameter route <brief   detail   summary> <route-name>
<b>Release Information</b>	Command introduced in JUNOS Release 9.6.
<b>Description</b>	Display information about all routes associated with Diameter instances or only the specified route.
<b>Options</b>	<b>brief   detail   summary</b> —(Optional) Display the specified level of output. The <b>summary</b> output is displayed by default and includes basic function information. The <b>brief</b> output displays the summary information in a different format. The <b>detail</b> output adds information to the <b>brief</b> output.  <b>route-name</b> —(Optional) Display information for only the specified route.
<b>Required Privilege Level</b>	view
<b>List of Sample Output</b>	show diameter route on page 2 show diameter route detail on page 2
<b>Output Fields</b>	Table 1 lists the output fields for the <b>show diameter route</b> command. Output fields are listed in the approximate order in which they appear.

**Table 1: show diameter route Output Fields**

Field Name	Field Description	Level of Output
Route	Name of the route.	summary brief
NE	Name of the network element associated with the route.	summary brief
Instance	Name of the Diameter instance in which the route is configured.	summary brief
NE name	Name of the network element associated with the route.	brief detail
Instance name	Name of the Diameter instance in which the route is configured.	brief detail
Valid	Determination whether the route is valid, <b>yes</b> or <b>no</b> .	All levels
Up	State of the route, <b>yes</b> (up) or <b>no</b> (down).	All levels
Function	Name of the function associated with the route.	brief detail
Partition	Partition associated with the function.	brief detail
Dest-realm	Destination realm configured for the route.	brief detail
Dest-host	Destination hostname configured for the route.	brief detail
Metric	Metric associated with the destination and function to create the route.	brief detail

**Table 1: show diameter route Output Fields** *(continued)*

Field Name	Field Description	Level of Output
Score	Value that represents how a route is configured. The basic score is 0. Points are added according to the following scheme: <ul style="list-style-type: none"><li>■ Function is specified—Add 3.</li><li>■ Function partition is specified—Add 1.</li><li>■ Destination realm is specified—Add 1.</li><li>■ Destination host is specified—Add 1.</li></ul>	brief detail

**show diameter route**    user@host> **show diameter route**

```
Diameter routes:
Route      NE      Instance  Valid Up
rA         ne0     master    yes  yes
```

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

```
Diameter route:
Route name      : rA
NE name         : ne0
Instance name   : master
Valid           : yes
Up              : yes
Function        : jsrc
Partition       : jsrc-a
Dest-realm      : outer-realm
Dest-host      : outer-host
Metric          :      50
Score           :      6
```

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Published: 2009-07-16