



CHAPTER 9

Raw Data Formatting: The RDR Formatter

Cisco Service Control is able to deliver gathered reporting data to an external application for collecting, aggregation, storage and processing over the RDRv1 protocols: a proprietary export protocol. This module describes how to view configuration and statistics of the RDR formatter.



Note

Configuring the RDR Formatter through the NME-APA Device Console. For further details, see the *Cisco Network Module Enhanced Application Performance Assurance (NME-APA) Device Console User Guide*.



Note

The NME-APA CLI also contains commands to configure the RDR; however, these commands should only be used by a technician.

How to Display Data Destination Configuration and Statistics

The following commands can be used to display the RDR formatter configuration and statistics:

- show rdr-formatter
- show rdr-formatter connection-status
- show rdr-formatter counters
- show rdr-formatter destination
- show rdr-formatter enabled
- show rdr-formatter forwarding-mode
- show rdr-formatter rdr-mapping
- show rdr-formatter statistics
- show rdr-formatter protocol

Refer to the *Cisco NME-APA CLI Command Reference* for a complete description of the other show rdr-formatter commands.

How to the Display the Current RDR Formatter Configuration

The system can display the complete data destination configuration, or just specific parameters.

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- Step 1** From the NME-APA>prompt, type `show rdr-formatter` , and press Enter.
Displays the current RDR formatter configuration.
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Displaying the RDR Formatter Configuration: Example

The following example shows how to display the current RDR formatter configuration.

```
NME-APA#>show rdr-formatter
Status: enabled
Connection is: up
Forwarding mode: multicast
no destination is set for the RDR Formatter
RDR:   queued:      7 ,sent:      0, thrown:      0
UM:    queued:      0 ,sent:      0, thrown:      0
Logger: queued:      0 ,sent:      0, thrown:      0
Errors: thrown:      0
Last time these counters were cleared: 17:41:26 UTC WED August 8 2007
NME-APA#>
```

How to the Display the Current RDR Formatter Statistics

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- Step 1** From the NME-APA>prompt, type `show rdr-formatter statistics`, and press Enter.
Displays the current RDR formatter statistics.
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Displaying the Current RDR Formatter Statistics: Example

The following example shows how to display the current statistics in a deployment.

```
NME-APA#show rdr-formatter statistics
RDR-formatter statistics:
=====
Category 1:
sent:          1794517
in-queue:      0
thrown:         0
format-mismatch: 0
unsupported-tags: 1701243
rate:          2 RDRs per second
max-rate:      64 RDRs per second
Category 2:
sent:          12040436
in-queue:      0
thrown:         0
format-mismatch: 0
unsupported-tags: 0
rate:          12 RDRs per second
max-rate:      453 RDRs per second
Category 3:
sent:          0
in-queue:      0
thrown:         0
format-mismatch: 0
```

```
unsupported-tags: 0
rate: 0 RDRs per second
max-rate: 0 RDRs per second
Category 4:
sent: 0
in-queue: 0
thrown: 0
format-mismatch: 0
unsupported-tags: 0
rate: 0 RDRs per second
max-rate: 0 RDRs per second
Destination: 10.56.201.50 Port: 33000 Status: up
Sent: 13835366
Rate: 211 Max: 679
Last connection establishment: 17 hours, 5 minutes, 14 seconds
Destination: 10.56.204.7 Port: 33000 Status: up
Sent: 12134054
Rate: 183 Max: 595
Sent Templates: 13732
Sent Data Records: 12134054
Refresh Timeout (Sec): 5
Last connection establishment: 17 hours, 5 minutes, 15 seconds
```

