



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

You should configuring the RDR formatter using the Application Performance Assurance Device Console. For further details, see the *Cisco Application Performance Assurance Device Console User Guide*.



Note

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

Displaying 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

See the *Cisco Network Module Enhanced Application Performance Assurance CLI Command Reference* for a complete description of the other show rdr-formatter commands.

Displaying 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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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#>
```

Displaying 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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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
```

