



CHAPTER 35

Network Appliance NetCache Generic

Web proxy devices provide MARS with additional data surrounding user requests of network services, such as HTTP, FTP, NNTP, and DNS. These device cache data and provide additional services around requests for that data. These additional services provide MARS with data about session requests, including authentication logs, denied session requests based on ACLs enforced by the web proxy device, and traffic logs.

This chapter contains the following topics:

- [Configure NetCache to Send Syslog to MARS, page 35-1](#)
- [Add and Configure NetCache in MARS, page 35-2](#)

Configure NetCache to Send Syslog to MARS

Synchronize clocks of the NetCache device and the MARS to make sure times match between them.



Note

MARS supports only HTTP proxy logs and MMS streaming media proxy logs.

To configure NetCache to send syslog to MARS, follow these steps:

- Step 1** In Internet Explorer, enter the URL and log in to the NetCache device.
- Step 2** Click the **Setup** tab.
- Step 3** In the left side of the window, select **HTTP**, then **Logging**.
- Step 4** In the right side of the window, under Web Access Log Enable, select the **Enable the Web Access Log** checkbox.
- Step 5** Under Log Format, select one of the first four formats:
 - Web Access Log Default Format
 - Common Log Format
 - Netscape Extended Format
 - Squid Type Format
- Step 6** Under Web Details Log Enable, verify the box is *not* selected.
- Step 7** Click **Commit Changes** to save your changes.
- Step 8** In the left side of the window, select **Streaming**, then **Logging**.

- Step 9** In the right side of the window, under Streaming Access Log Enable, select the **Enables access logging for streaming protocol clients** check box.



Note You can only enable access logging for streaming protocol clients if you have a streaming cache license.

- Step 10** Under Streaming Access Log Format, select either of the options. If you select **Custom**, replace “*x-client-port*” with “*x-username*”.
- Step 11** Under Streaming Details Log Enable, verify that the box is *not* selected.
- Step 12** Click **Commit Changes** to save your changes.
- Step 13** In the left side of the window, select **Streaming**, then **MMS**.
- Step 14** Under MMS Enable, verify that the **Enables MMS protocol support** check box is selected.
- Step 15** Click **Commit Changes** to save your changes.
- Step 16** In the left side of the window, select **System**, then **Logging**.
- Step 17** In the right side of the window, under Maximum Log File Size, enter a number less than or equal to 100 (megabytes).
- Step 18** Under How to Switch Log Files, select **Push the log file to the following URL**.
- Step 19** For the URL, enter:
`http://MARS_HOST/upload/UploadWebLogServlet`
 Replace *MARS_HOST* with the hostname or IP address of the MARS Appliance.
- Step 20** Verify that the **User** and **Password** fields are blank.
- Step 21** Verify that the **Push the log files in compressed gzip format** check box is *not* selected.
- Step 22** Under When to Switch, select the option that prevents the log files from becoming greater than 100 megabytes.
- Step 23** Click **Commit Changes** to save your changes.

Add and Configure NetCache in MARS

To add the NetCache device in MARS, follow these steps:

- Step 1** Select **Admin > System Setup > Security and Monitor Devices > Add**.
- Step 2** From the Device Type list, select **Network Appliance NetCache Generic**.

Device Type: ▼

→ *Device Name:

→ *Reporting IP: ---

→ Web log format: ▼

→ Streaming media log format: ▼

None
 COMMON_ACCESS_LOG
 SQUID_LOG
 NETSCAPE_EXTENDED_LOG
 NETCACHE_WEB_ACCESS_DEFAULT_LOG

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- Step 3** Enter the device name and its reporting IP address.
- Step 4** From the Web log format list, select the web log format that matches the value you selected in ERROR: BROKEN STEPREF of [Configure NetCache to Send Syslog to MARS, page 35-1](#).
- Step 5** From the Streaming media log format list, select a streaming media log format.
- Step 6** Click **Submit** .
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