Log Partition Monitoring

This chapter contains information on the following topics:

Understanding Log Partition Monitoring

Log Partition Monitoring, which is installed automatically with Cisco Unified CallManager, uses configurable thresholds to monitor the disk usage of the log partition on a server (or all servers in the cluster). You configure Log Partition Monitoring in Alert Central in RTMT.

Note Log Partition Monitoring relies on the Cisco Log Partition Monitoring Tool service, which is a network service that you can start and stop in the Control Center—Network Services window. When you install Cisco Unified CallManager, this service starts automatically. Stopping the service causes a loss of feature functionality.

You can configure the following information parameters in Alert Central in RTMT:

- LogPartitionLowWaterMarkExceeded —Disk space utilization level at which log partition monitoring stops purging log files; level ranges exist from 10-90 percent; default equals 80 percent; configuration must be lower than high watermark.
- LogPartitionHighWaterMarkExceeded—Disk space utilization level at which log partition monitoring starts purging log files; level ranges exist from 15-95 percent; default equals 90 percent.

When log partition monitoring starts at system startup, the system checks the current disk space utilization. If the percentage of disk usage is above the low water mark, but less than the high water mark, the system sends a alarm message to syslog and generates a corresponding alert in RTMT Alert central.

To offload the log files and regain disk space on the server, you should collect the traces that you are interested in saving by using the Real-Time Monitoring tool.

If the percentage of disk usage is above the high water mark that you configured, the system sends an alarm message to syslog, generates a corresponding alert in RTMT Alert Central, and automatically purges log files until the value reaches the low water mark.

Note Log Partition Monitoring automatically identifies the active partition; if any log files exist in the inactive partition log partition directory, the system deletes those files first. If necessary, the system deletes log files in the active partition log partition directory, starting with the oldest log file for every application until the disk space percentage drops below the configured low watermark. The system does not send an e-mail when log partition monitoring purges the log files.

After the system determines the disk usage and performs the necessary tasks (sending alarms, generating alerts, or purging logs), log partition monitoring occurs at regular 5 minute intervals.

Where to Find More Information

Related Topics

- Log Partition Monitoring Configuration, *Cisco Unified CallManager Serviceability Administration Guide*
- Trace Collection and Log Central in RTMT, *Cisco Unified CallManager Serviceability Administration Guide*