



Microsoft Performance

This chapter provides information for using the Microsoft Performance application with Cisco CallManager and contains the following topics:

- [Cisco CallManager System Performance Monitoring, page 12-1](#)
- [Performance Data Structure, page 12-2](#)
- [Microsoft Performance Configuration Checklist, page 12-3](#)
- [Where to Find More Information, page 12-3](#)

Cisco CallManager System Performance Monitoring

Use Windows 2000 Performance application to collect and display system and device statistics for any local or remote Cisco CallManager installation. This administrative tool allows you to gain a full understanding of a system without studying the operation of each of its components. It reports both general and specific information in real time.

After adding the Cisco CallManager parameters, you can define the terms under which Cisco CallManager will display statistics generated by the system.

For more information about Performance application, refer to the Microsoft Windows 2000 documentation.

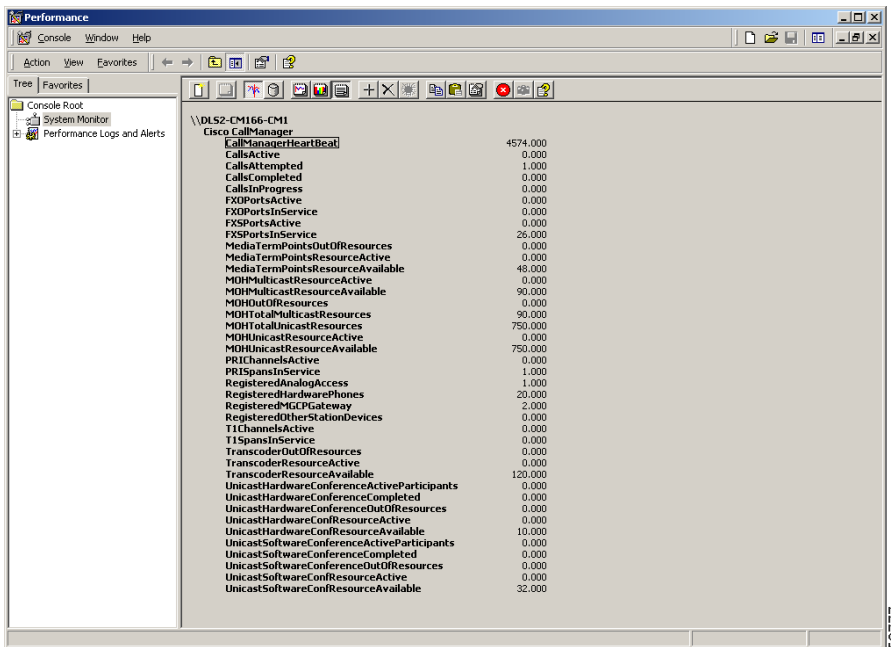
The Real-Time Monitoring tool provides similar functionality as Microsoft Performance application. See [Chapter 9, “Real-Time Monitoring Tool,”](#) for more information.

Performance Data Structure

Cisco CallManager uses the Performance framework to display performance monitoring statistics. Performance categorizes collections of data as object-oriented code, and the Cisco CallManager installation process expands this collection by adding a set of object counters that describe Cisco CallManager functions. See [Figure 12-1](#).

The Performance interface makes the Cisco CallManager counters available for display. The Windows 2000 documentation gives additional information on objects and counters available from the operating system or from other applications.

Figure 12-1 Cisco Call Manager Object Counters



568777

Microsoft Performance Configuration Checklist

Table 12-1 provides an overview of the steps for configuring Microsoft Performance.

Table 12-1 Microsoft Performance Configuration Checklist

Configuration Steps		Related Procedures and Topics
Step 1	Start the Microsoft Performance program to add Cisco CallManager counters.	Starting the Microsoft Performance Program , <i>Cisco CallManager Serviceability Administration Guide</i>
Step 2	Add Cisco CallManager counters that you want monitored.	Starting the Microsoft Performance Program , <i>Cisco CallManager Serviceability Administration Guide</i>
Step 3	View and analyze the statistics gathered from the Performance program.	Viewing Performance Statistics , <i>Cisco CallManager Serviceability Administration Guide</i>

Where to Find More Information

Related Topics

- [Chapter 9, “Real-Time Monitoring Tool”](#)
- [Chapter 18, “Simple Network Management Protocol”](#)
- [Appendix A, “Cisco CallManager Performance Counters, RTMT, and CISCO-CCM-MIB”](#)
- [Chapter 12, “Real-Time Monitoring Configuration,”](#) *Cisco CallManager Serviceability Administration Guide*
- [Chapter 23, “Microsoft Performance,”](#) *Cisco CallManager Serviceability Administration Guide*
- [Chapter 31, “Simple Network Management Protocol Configuration,”](#) *Cisco CallManager Serviceability Administration Guide*

Additional Cisco Documentation

- *Troubleshooting Guide for Cisco CallManager*