

HP Operations Smart Plug-in for Microsoft® Enterprise Server

For HP Operations Manager for Windows®

Software Version: 8.00

PDF version of the online help

This document is a PDF version of the online help that is available in the JBoss Application Server SPI. It is provided to allow you to print the help, should you want to do so. Note that some interactive topics are not included because they will not print properly, and that this document does not contain hyperlinks.

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Documentation Updates

This guide's title page contains the following identifying information:

- Software Version number, which indicates the software version.
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HP Operations Smart Plug-in for Microsoft Enterprise Servers Overview

Smart Plug-in (SPI) is plug-in or add-on software for HP Operations Manager (HPOM). It functions as a modular component of HPOM and further improves its monitoring capabilities in managing your IT resources. SPIs help you to simplify the tasks of your environment by:

- Monitoring availability and health
- Detecting performance lapse
- Detecting, preventing, and solving problems
- Documenting problem solutions
- Generating reports

The Smart Plug-in for Microsoft Enterprise Servers (Microsoft Enterprise Servers SPI) helps you to manage the Microsoft Enterprise Servers in your environment. The Microsoft Enterprise Servers SPI keeps you informed about the conditions related to the following Microsoft Enterprise Servers:

- BizTalk Server 2006 and R2
- Internet Security and Acceleration Server 2006
- Microsoft Office SharePoint Server 2007
- Microsoft Office Communications Server 2007 and R2

 **Note:**

The Microsoft Office Communications Server 2007 *supports* the following deployment configurations:

- Microsoft Office Communication Server Standard Edition
- Microsoft Office Communications Server Enterprise Edition Consolidated Configuration
- Microsoft Office Communications Server Enterprise Edition Expanded Configuration

The Microsoft Office Communications Server 2007 *does not support* the following deployment configurations:

- Microsoft Office Communications Server 2007 configured with load balancing
- Microsoft Office Communications Server 2007 installed on clustered environment

The Microsoft Enterprise Servers SPI offers:

- **Topology/Service Mapping:** the Microsoft Enterprise Servers SPI discovers and maps Microsoft Enterprise Servers on your network. The servers are displayed in the service map, showing dependencies to other systems where appropriate.
- **Availability Monitoring:** the Microsoft Enterprise Servers SPI monitors the services that need to run to ensure complete availability of your Microsoft Enterprise Servers.
- **Performance Monitoring:** the Microsoft Enterprise Servers SPI monitors Windows performance counters, notifying you if thresholds are exceeded.
- **Event Log Monitoring:** the Microsoft Enterprise Servers SPI monitors the Windows Event Logs.
- **Reporting and Graphing:** the Microsoft Enterprise Servers SPI creates reports and graphs that show historical data and trend information based on the logged data. This can be used for capacity planning and SLA compliance.
- **Troubleshooting** assistance with the Self Healing Info tool .

Related Topics:

- Components of Microsoft Enterprise Servers SPI
- Getting Started with Microsoft Enterprise Servers SPI

Components of Microsoft Enterprise Servers SPI

The components of Microsoft Enterprise Server SPI are:

- *Policies*: Policies are pre-defined thresholds to keep a constant vigilance over the Microsoft Enterprise Server environment and improve monitoring schedules in the form of service map alerts and messages. Service map alerts are shown in service map while messages are available in message browser. The severity level of each message, whether it is a minor, major, or critical is shown by a color-code. The messages indicate the problem and help you to take preventive action.
- *Tools*: Tools are the utilities to gather more Microsoft Enterprise Server related information. Self Healing tools are used for troubleshooting any of the Microsoft Enterprise Servers SPI. The MSES_BTS_DB_Configuration tool is used to configure the BizTalk Server SPI of the Microsoft Enterprise Servers SPI and the Browse SharePoint Site tool runs the Internet Explorer to browse the web site defined by the service node.
- *Reports*: Reports represent various metrics of Microsoft Enterprise Servers. Data collected by policies are used to generate reports.
- *Graphs*: Graphs are pictorial representation of various metrics of the Microsoft Enterprise Servers. Graphs contain the data that are collected by policies. .

Reports and graphs generated with the help of HP Reporter and HP Performance Manager provide you an overview to determine corrective actions to be taken in the long term. For more details on installation and configuration of HP Reporter and HP Performance Manager, see *HP Operations Smart Plug-in for Microsoft Enterprise Servers Installation and Configuration Guide* .

Related Topics:

- [HP Operations Smart Plug-in for Microsoft Enterprise Servers SPI Overview](#)
- [Server and Service Discovery of Microsoft Enterprise Servers SPI](#)

Getting Started with Microsoft Enterprise Servers SPI


The HP Operations Smart Plug-ins DVD contains the Microsoft Enterprise Servers SPI. See the *HP Operations Smart Plug-in for Microsoft Enterprise Servers SPI Installation and Configuration Guide* for a complete installation, upgrade, and configuration procedure.

To verify Microsoft Enterprise Servers SPI is installed/updated, check the SPI under policy group. Expand **Policy Group** under **Policy Management**. The **SPI for Microsoft Enterprise Servers** in the list verifies the installation/upgrade. You can further expand **SPI for Microsoft Enterprise Servers** and check for **Biztalk Server 2006** under **BizTalk Server**, **Internet Security and Acceleration Server 2006** under **Internet Security and Acceleration Server**, **Microsoft Office Communications Server 2007** under **Microsoft Office Communications Server**, and **Microsoft Office SharePoint Server 2007** under **SharePoint Portal Server** depending on your environment setup.

 **Note:** To verify the upgrade of the Microsoft Exchange SPI, ensure that the version of the policies is 8.00.

After you configure the Microsoft Exchange SPI, the HP Operations Management (HPOM) console shows updates in the following areas:

- *Service Map:* Service map shows the newly added and discovered Microsoft Enterprise Servers services displayed in both the console services tree (left) and the service map (right). Within the service map pane, the hierarchy expands to show the specific services present on each server. Further expansion of each server displays its components.
- *Message Browser:* Displays messages identified with the problem severity level.
- *Reports and Graphs:* Present the information that helps you see trends to manage the Microsoft Enterprise Servers in your environment by implementing policy scheduling and threshold adjustments.

 **Prerequisite :** Installation of the HPOM console, management server, and agents is required for Microsoft Enterprise Servers SPI programs to work.

Related Topics:

- [HP Operations Smart Plug-in for Microsoft Enterprise Servers SPI Overview](#)
- [Server and Service Discovery of Microsoft Enterprise Servers SPI](#)

Server and Service Discovery of Microsoft Enterprise Servers SPI

After configuring your nodes, deploy the discovery policies to discover (detect) the existing services and components of the Microsoft Enterprise Servers environment in the managed nodes. Deploying these policies launches an automated process that adds the discovered services to the HPOM service tree and service map.

Before deploying the discovery policy group, edit the discovery policy for the following Microsoft Enterprise Servers:

- BizTalk Server 2006
- Microsoft Office SharePoint Server 2007
- Microsoft Office Communications Server 2007

For more details, see *Discovery Configuration Scenarios* section of *HP Operations Smart Plug-in for Microsoft Enterprise Servers Installation and Configuration Guide* .

 **Note:**

If the Microsoft Enterprise Servers SPI is installed **after** the nodes have been configured, deploy the discovery policy groups manually for all Microsoft Enterprise servers.

Related Topics:

- Getting Started with Microsoft Enterprise Enterprise Servers SPI
- Components of Microsoft Enterprise Servers SPI

HP Operations Smart Plug-in for Microsoft Enterprise Servers - BizTalk Server 2006 Overview

Microsoft BizTalk Server provides distributed application integration services using XML as its primary messaging format. External formats are converted to the Biztalk standards through parsers and Biztalk mapping services, which are components of Biztalk Messaging Services. The Biztalk Orchestration Designer defines the process that a document undergoes. In BizTalk messaging, channels handle the conversion of external formats, and ports are responsible for transmitting documents. The channels and ports in Biztalk Messaging can be configured to receive and transmit documents in a variety of formats and protocols, such as HTTP, HTTPS, SMTP, COM. In Orchestration services, the ports represent the input and output of a process. The action is defined in the XLANG schedule.

The Microsoft Enterprise Servers SPI monitors the performance of BizTalk Server 2006, with policies, tools, graphs and reports.

The Microsoft Enterprise Servers BizTalk Server SPI requires additional configuration. Use the MSES_BTS_DB_Configuration tool to configure the Microsoft Enterprise Servers SPI for BizTalk Server 2006. See *Additional Configuration Procedure for Microsoft Enterprise Servers SPI for BizTalk Server 2006* section of *HP Operations Smart Plug-in for Microsoft Enterprise Servers SPI Installation and Configuration Guide* for more details on configuration.

Related Topics:

- Microsoft Enterprise Servers SPI BizTalk Server 2006 Policies
- Microsoft Enterprise Servers SPI BizTalk Server 2006 Reports
- Microsoft Enterprise Servers SPI BizTalk Server 2006 Graphs
- MSES_BTS_DB_Configuration_BizTalk Tool

Microsoft Enterprise Servers SPI BizTalk Server Policies

The Microsoft Enterprise Servers SPI BizTalk Server policies monitor the Microsoft BizTalk Server. The policies offer the following monitoring processes:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity
- Server Logging
- Discovery

Availability Monitoring

The Microsoft Enterprise Servers BizTalk Server SPI policies under availability monitoring monitor the services of the Microsoft BizTalk Server. If any of the services is not running and the service startup is set to *Auto Start*, then an attempt is made to restart the service. A console error message is sent to indicate that service is not running.

Monitored services of BizTalk Server include:

- BizTalk Messaging Service (MSCIS)
- BizTalk Orchestration Service (WFSVCMGR)
- BizTalk Server Application Service
- BizTalk RuleEngineUpdate Service
- Enterprise Single Sign-On.

Event Log Monitoring

The policies under event log monitoring send alert messages to the HPOM console as errors, warnings, and information entries.

Policies monitoring events are grouped in the following way:

- BizTalk Server
- XLANG Scheduler

Performance Monitoring

Biztalk Server performance monitoring includes both specific BizTalk Server performance counters and CPU process-related counters. Each policy for performance monitoring has both error and warning thresholds.

Policies monitoring the following areas of performance are:

- CPU Usage
- Memory Usage

Server Logging

The policies includes are MSES_BizTalkServer_TDDS_Logging, MSES_BizTalk_IntervalCount_Logging and MSES_BizTalkServer_SusDoc_Logging policies.

These policies require the deployment of the MSES_BizTalk_CreateCodaDataSources policy to first create the CODA interval count datasource.

NOTE:

For all versions of BizTalk Server, deployment of the Windows OS SPI logging policy, WINOSSPI-WINOS_Win2k_Logging, is required to log process-related data for CPU and memory counters. The counters specific to the BizTalk Server are documented in the policy section. Refer to the Windows OS SPI Policies for information about the process-related data for CPU and memory counters.

Related Topics:

- Microsoft Enterprise Servers SPI BizTalk Server 2006 Reports
- Microsoft Enterprise Servers SPI BizTalk Server 2006 Graphs
- MSES_BTS_DB_Configuration_BizTalk Tool

Availability Monitoring

The availability monitoring group monitor the services of the Microsoft BizTalk Server. If any of the services is not running and the service startup is set to *Auto Start*, then an attempt is made to restart the service. A console error message is sent to indicate that service is not running.

Monitored services of BizTalk Server include:

- BizTalk Messaging Service (MSCIS)
- BizTalk Orchestration Service (WFSVCMGR)
- BizTalk Server Application Service
- BizTalk RuleEngineUpdateService
- Enterprise Single Sign-On.

This monitoring group includes EBIZ_BizTalkServerServices policy.

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BizTalkServerServices

The EBIZ_BizTalkServerServices policy monitors the following BizTalk Server 2006 services:

- BizTalk Server Application Service
- BizTalk RuleEngineUpdateService
- Enterprise Single Sign-On

Schedule: This policy runs for every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

Performance Monitoring

Biztalk Server performance monitoring includes both specific BizTalk Server performance counters and CPU process-related counters. Each policy for performance monitoring has both error and warning thresholds.

Policies monitor the following areas of performance:

- CPU Usage
- Memory Usage

The policies under performance monitoring include:

- EBIZ_BS-MEMUsage-BTSSvc
- EBIZ_BS-CPUUsage-BTSSvc
- EBIZ_BS-MEMUsage-ENTSSO
- EBIZ_BS-CPUUsage-ENTSSO
- MSES_SendPort_Status_Monitoring
- MSES_ReceiveLocation_Status_Monitoring
- MSES_BS_DocumentsReceived
- MSES_BS_DocumentsSuspended
- MSES_BS_DatabaseTransactions
- MSES_BS_ActiveApplicationDomains
- MSES_BS_DehydrationThreshold
- MSES_BS_IdleOrchestrations
- MSES_BS_MsgBox DBConnFailures
- MSES_BS_OrchestrationsCompleted
- MSES_BS_OrchestrationsCreated
- MSES_BS_OrchestrationsDehydrated
- MSES_BS_OrchestrationsDiscarded

- MSES_BS_OrchestrationsRehydrated
- MSES_BS_OrchestrationsResidentMemory
- MSES_BS_OrchestrationsScheduledForDehydration
- MSES_BS_OrchestrationsSuspended
- MSES_BS_RunningOrchestrations
- MSES_Orchestration_Status_Monitoring
- MSES_BS_PendingMessages
- MSES_BS_PendingWorkItems
- MSES_BS_TransactionalScopes aborted

Related Topics:

- Availability Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BS-MEMUsage-BTSSvc

The EBIZ_BS-MEMUsage-BTSSvc policy measures the memory usage of the Microsoft BizTalk Server Application services.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BS-CPUUsage-BTSSvc

The EBIZ_BS-CPUUsage-BTSSvc policy measures the CPU usage of the Microsoft BizTalk Server Application services.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BS-MEMUsage-ENTSSO

The EBIZ_BS-MEMUsage-ENTSSO policy measures the memory usage of Enterprise Single Sign-On service.

Policy Type: Measurement Threshold

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BS-CPUUsage-ENTSSO

The EBIZ_BS-CPUUsage-ENTSSO policy measures the CPU usage of Enterprise Single Sign-On service.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006**
→ **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_SendPort_Status_Monitoring

The MSES_SendPort_Status_Monitoring policy monitors the status of the SendPorts in the Microsoft BizTalk Server.

Policy Type: Scheduled Task

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_ReceiveLocation_Status_Monitoring

The MSES_ReceiveLocation_Status_Monitoring policy monitors the status of the ReceiveLocations of BizTalk Server.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_DocsProcessed

The MSES_BS_DocsProcessed policy monitors the average number of documents processed (pulled from the Work queue and sent to a port destination address) per second, since the last time the BizTalk Messaging Service was started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_DocReceived

The MSES_BS_DocReceived policy monitors the average number of documents received per second by BizTalk Server. This includes all documents that make it into the Work queue, and any that have failed.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_DocsSuspended

The MSES_BS_DocsSuspended policy monitors the average number of items suspended per second in the suspended queue.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_DBTransactions

The MSES_BS_DBTransactions policy monitors the average number of database transactions performed since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_ActiveAppDomains

The MSES_BS_ActiveAppDomains policy monitors the number of application domains currently existing for hosting orchestrations.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_DehydrationThreshold

The MSES_BS_DehydrationThreshold policy monitors the number in milliseconds that determines how aggressively orchestrations are being dehydrated. If the orchestration engine predicts that an instance is dehydratable (storing all the instance-specific data in the database and removing the instance from the memory), for an amount of time longer than the threshold value, it dehydrates the instance.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_IdleOrchestrations

The MSES_BS_IdleOrchestrations policy monitors the number of idle orchestration instances currently hosted by the host instance. This refers to orchestrations that are not making progress but are not also dehydratable, as when the orchestration is blocked waiting for a receive, listen, or delay in an atomic transaction.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsCompleted

The MSES_BS_OrchestrationsCompleted policy monitors the average number of orchestration instances completed per second since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsCreated

The MSES_BS_OrchestrationsCreated policy monitors the average number of orchestration instances per second created since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsDehydrated

The MSES_BS_OrchestrationsDehydrated policy monitors the average number of orchestration instances dehydrated per second since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsDiscarded

The MSES_BS_OrchestrationsDiscarded policy monitors the average number of orchestration instances discarded from memory since the host instance started. An orchestration can be discarded if the engine fails to persist its state.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsRehydrated

The MSES_BS_OrchestrationsRehydrated policy monitors the average number of orchestration instances rehydrated per second (restoring the instance from the database to memory) since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006**
→ **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsResidentinMemory

The MSES_BS_OrchestrationsResidentinMemory policy monitors the number of orchestration instances currently hosted by the host instance.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsScheduledForDehydrat

The MSES_BS_OrchestrationsScheduledForDehydration policy monitors the number of dehydratable orchestrations for which there is a dehydration request pending.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_OrchestrationsSuspended

The MSES_BS_OrchestrationsSuspended policy monitors the average number of orchestration instances suspended per second since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_RunningOrchestrations

The MSES_BS_RunningOrchestrations policy monitors the number of orchestration instances currently executing.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_Orchestration_Status_Monitoring

The MSES_Orchestration_Status_Monitoring policy monitors the status of the orchestrations.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006
→ **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_PendingMessages

The MSES_BS_PendingMessages policy monitors the number of received messages for which receipt has not yet been acknowledged to the message box.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_PendingWorkItems

The MSES_BS_PendingWorkItems policy monitors the number of code execution blocks that are scheduled for execution.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BS_TransactionalScopesAborted

The MSES_BS_TransactionalScopesAborted policy monitors the number of long-running or atomic scopes that have been aborted since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

Windows Event Log

The Windows Event Log policies sent alert messages to the HPOM console when errors, warnings, and information entries from BizTalk Server sources are logged.

Policies monitoring events are grouped in the following way:

- BizTalk Server
- XLANG Scheduler

The Windows Event Log group includes EBIZ_BizTalkServerFwdApplicationLogEntries policy.

Related Topics:

- Performance Monitoring
- Availability Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

EBIZ_BizTalkServerFwdApplicationLogEntries

The EBIZ_BizTalkServerFwdApplicationLogEntries policy forwards all BizTalk Server 2006 application log entries with severity as:

- Critical
- Error
- Warning
- Information

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

Database Connectivity

The Database Connectivity attempts to connect if the databases fails.

This monitoring group includes the following policies:

- MSES_BS_DBMonitor
- MSES_BizTalk_MessageBox_DatabaseSize
- MSES_BizTalk_DTA_DatabaseSize

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Availability Monitoring
- Server Logging
- Discovery

MSES_BS_DBMonitor

The MSES_BS_DBMonitor policy send a message to the HPOM message browser if any of the following databases fail to connect. An OPC message is sent to refresh the service map with this information.

Connections to the following BizTalk 2006 databases are monitored:

- BAMPrimaryImport - Business Activity Monitoring DB
- BAM Analysis - Business Activity Monitoring OLAP Cubes DB
- BAMStarSchema - Business Activity Monitoring DB
- BAMArchive - Archives Business Activity Monitoring DB
- BizTalkHWSDb - Human Workflow Services DB
- BizTalkDTADb - Tracking DB
- BizTalkMgmtDB BTS - Configuration Information DB
- BizTalkMsgBoxDb - DB for storing Messages and subscriptions
- BizTalkRuleEngineDb - DB for storing Policies and Vocabularies
- SSODB - Single Sign-On DB
- TPM - Trading Partner DB for Business Activity Services
- BizTalkAnalysisdb - DB for storing business and health monitoring OLAP Cubes
- BizTalkEDIdb - Electronic data interchange DB

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006**
→ **Auto-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring

- Server Logging
- Discovery

MSES_BS_MsgBox DBConnectionFailures

The MSES_BS_MsgBox DBConnectionFailures policy monitors the number of attempted database connections that failed since the host instance started.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → Manual-Deploy

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BizTalk_MessageBox_DatabaseSize

The MSES_BizTalk_MessageBox_DatabaseSize policy monitors the percentage of the usage of the BizTalk MessageBox database.

Deploy this policy only on BizTalk MessageBox database nodes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → Biztalk Server → Biztalk Server 2006 → **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BizTalk_DTA_DatabaseSize

The MSES_BizTalk_DTA_DatabaseSize policy monitors the the percentage of the usage of the BizTalk DTA database.

Deploy this policy only on BizTalk DTA database nodes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006**
→ **Manual-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

Server Logging

The Server Logging monitoring group collects selected performance and process-related data for CPU and memory counters.

This monitoring group includes the following policies:

- MSES_BizTalk_Create_Coda_DataSources
- MSES_BizTalkServer_SusDoc_Logging
- MSES_BizTalk_IntervalCount_Logging
- MSES_BizTalkServer_TDDS_Logging

 **Note:**

You must deploy the MSES_BizTalk_CreateCodaDataSources policy before deploying the remaining policies to create the datasource.

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Availability Monitoring
- Discovery

MSES_BizTalk_Create_Coda_DataSources

The MSES_BizTalk_Create_Coda_DataSources policy creates the data source for BizTalk 2006 server.

 **Note:**

Deploy the Microsoft Enterprise Servers SPI Data collector instrumentation for this policy to work. See Basic Configuration Procedure section of *HP Operations Smart Plug-in for Microsoft Enterprise Servers SPI Installation and Configuration Guide* for more details.

Policy Type: Scheduled task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006**
→ **Auto-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BizTalkServer_SusDoc_Logging

The MSES_BizTalkServer_SusDoc_Logging policy collects suspended documents data from the BizTalk Server database and logs it into the data source.

 **Note:**

Ensure to deploy the MSES_BizTalk_CreateCodaSources policy before deploying this policy.

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Biztalk Server** → **Biztalk Server 2006** → **Auto-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BizTalk_IntervalCount_Logging

The MSES_BizTalk_IntervalCount_Logging policy collects the performance data for the following three BizTalk 2006 objects:

- BizTalk:Messaging
- Enterprise Single Sign On
- XLANG/s Orchestrations

 **Note:**

Ensure to deploy the MSES_BizTalk_CreateCodaSources policy before deploying this policy.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006**
→ **Auto-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

MSES_BizTalkServer_TDDS_Logging

The MSES_BizTalkServer_TDDS_Logging policy collects the performance data for BizTalk TDDS (Tracking Data Decode Service), and logs it into the data source.

 **Note:**

Ensure to deploy the MSES_BizTalk_CreateCodaSources policy before deploying this policy.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Auto-Deploy**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery

Discovery

The Discovery monitoring group discovers the services of the Microsoft BizTalk Server 2006.

This monitoring group includes the BizTalk_Discovery policy.

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Availability Monitoring

BizTalk_Discovery

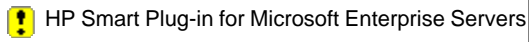
The BizTalk_Discovery policy discovers the BizTalk infrastructure information and adds it to the service map.

Policy Type: Service Auto-Discovery policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Biztalk Server** → **Biztalk Server 2006** → **Discovery**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Database Connectivity Monitoring
- Server Logging
- Discovery



Microsoft Enterprise Servers SPI BizTalk Server 2006 Reports

The Microsoft Enterprise Servers SPI offers the following reports for Microsoft Enterprise Servers (BizTalk Server 2006) SPI:

BTS Document Process Rate Monthly/BTS Document Process Rate Weekly

These reports give the summarization of the following monthly/weekly statistics related to the BizTalk Documents:

- **Documents processed/sec** : Integer representing the average number of documents processed per second, that is, pulled from the Work queue and sent to a port destination address.
- **Documents received/sec** : Integer representing the average number of documents that have been received by BizTalk Server per second. This includes all documents that make it into the Work queue and any that have failed.
- **Documents suspended/sec** : Integer representing the average number of items suspended in the Suspended queue per second.

BTS Processes CPU Statistics

This report shows a summary of CPU statistics of BizTalk Server processes, compared with overall CPU statistics of the system, in graphical and tabular format. The summarized process statistics include the percentage of CPU time used by BTSHatApp, BTSNTSvc, ENTSSO and RuleEngineUpdateService processes, compared with the percentage of time the system's CPU was busy.

BTS Processes Memory Statistics

This report shows summary memory statistics of BizTalk Server processes in graphical and tabular format. The summarized process statistics include the page faults per second, private bytes, and working set used by BTSHatApp, BTSNTSvc, ENTSSO and RuleEngineUpdateService processes.

BTS Orchestration Statistics Monthly/BizTalk Orchestration Statistics Weekly

These reports give the summarization of the following statistics related to orchestrations:

- **Orchestrations completed/sec** : Average number of orchestrations completed per second.

- **Orchestrations created/sec** : Average number of orchestrations created per second.
- **Orchestrations dehydrated/sec** : Average number of orchestrations dehydrated per second.
- **Orchestrations discarded/sec** : Average number of orchestrations discarded per second.
- **Orchestrations rehydrated/sec** : Average number of orchestrations rehydrated per second.
- **Orchestrations suspended/sec** : Average number of orchestrations suspended per second.
- **Database transactions/sec** : Average number of database transactions per second.

BizTalk Transactional Rate Monthly/BizTalk Transactional Rate Weekly

A **scope** is a framework for grouping actions, primarily used for transactional execution and exception handling. **Compensation** is a process where a piece of code gets executed to undo or reverse the effects of a successfully committed transaction.

These reports give the monthly/weekly summarization of the following statistics related to transactions:

- **Transactional scopes aborted/sec** : Average number of long-running or atomic scopes that have been aborted.
- **Transactional scopes committed/sec** : Average number of long-running or atomic scopes that have successfully completed.
- **Transactional scopes compensated/sec** : Average number of long-running or atomic scopes that have successfully completed compensation scopes.

BTS Suspended Documents Monthly/BizTalk Suspended Documents Weekly

These reports give the weekly suspended document statistics, segregated by the following attributes:

- **State** : Documents that are in resumable and non-resumable states.
- **Server Name** : Processing server name.
- **Priority** : Document Priority.

BTS TDDS (Tracking Data Decode Service) Statistics

TDDS is also known as the BAM Event Bus Service. This report gives the monthly summarization of the following statistics related to TDDS:

- **Events being processed** : The number of events the BAM Event Bus Service is currently processing.
- **Batches being processed** : The number of batches the BAM Event Bus Service is currently processing.
- **Events Committed** : The number of events the BAM Event Bus Service has committed to SQL Server in the last second.
- **Records Committed** : The number of records the BAM Event Bus Service has committed to SQL

Server in the last second.

- **Batches Committed** : The number of batches the BAM Event Bus Service has committed to SQL Server in the last second.

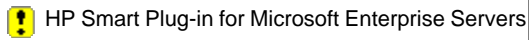
BTS Enterprise Single Sign-on - Monthly

This report gives the monthly summarization of the following statistics related to enterprise SSO:

- **GetConfigInfo** : Total number of config info accessed.
- **IssueTicket/sec** : Total number of tickets issued.
- **GetCredentials/sec** : Total number of credentials accessed.
- **RedeemTicket/sec** : Total number of tickets redeemed.
- **ValidateAndRedeemTicket/sec** : Total number of tickets validated and redeemed.

Related Topics:

- Microsoft Enterprise Servers SPI BizTalk Server 2006 Graphs
- Microsoft Enterprise Servers SPI BizTalk Server 2006 Policies



Microsoft Enterprise Servers SPI BizTalk Server 2006 Graphs

The following Microsoft Enterprise Servers SPI pre-defined graphs for BizTalk Server are offered:

- BizTalk Server Application Service CPU
- Enterprise Single Sign-On Service CPU
- Rule Engine Update Service CPU

These graphs represent the percentage of time spent by the processors executing threads for the BizTalk Server Application Service, Enterprise Single Sign-On Service and Rule Engine Update Service processes. This counter can be compared to System Processor Time to determine to what extent these processes are utilizing processor time.

- BizTalk Server Application Service Memory
- Enterprise Single Sign-On Service Memory
- Rule Engine Update Service Memory

Page Faults/sec represents the rate page faults occur in the threads executing in the BizTalk Server Application Service, Enterprise Single Sign-On Service and Rule Engine Update process.

A **page fault** occurs when a thread refers to a virtual memory page that is not in its working set in main memory. The graph shows the average rate at which page faults occur, by the threads executing in these processes.

Working Set represents the number of bytes in the working set of the BizTalk Server Application Service, Enterprise Single Sign-On Service and Rule Engine Update Service process. The Working Set is the set of memory pages touched recently by the threads in the process. If free memory in the computer is above a certain threshold, pages are left in the working set of a process even if they are not in use. When free memory falls below a certain threshold, pages are trimmed from working sets. If they are needed, they are then soft-faulted back into the working set before they leave main memory.

Private Bytes is the current number of bytes the BizTalk Server Application Service, Enterprise Single Sign-On Service and Rule Engine Update process has allocated that cannot be shared with other processes.

Related Topics:

- Microsoft Enterprise Servers SPI BizTalk Server 2006 Reports
- Microsoft Enterprise Servers SPI BizTalk Server 2006 Policies

HP Operations Smart Plug-in for Microsoft Enterprise Servers - Internet Security and Acceleration Server Overview

Microsoft Internet Security and Acceleration (ISA) Server is a tool that integrates security (firewall) with acceleration (Web proxy cached pages.) This secures your site and speeds up the web access.

The Internet Security and Acceleration Server service map displays the nodes where Internet Security and Acceleration Servers have been installed. The service maps are available under both the Applications and the Systems Infrastructure areas.

Related Topics:

- [Microsoft Enterprise Servers SPI Internet Security and Acceleration Server Policies](#)
- [Microsoft Enterprise Servers SPI Internet Security and Acceleration Server Reports](#)
- [Microsoft Enterprise Servers SPI Internet Security and Acceleration Server Graphs](#)

Microsoft Enterprise Servers SPI ISA Server Policies

The Microsoft Enterprise Servers (ISA) SPI policies monitor the Microsoft Internet Security and Acceleration (ISA) Server. The policies offer the following monitoring processes:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Related Topics:

- Microsoft Enterprise Servers SPI Internet Security and Acceleration Server Reports
- Microsoft Enterprise Servers SPI Internet Security and Acceleration Server Graphs

Availability Monitoring

The availability monitoring group monitor the services of the Microsoft ISA Server. Services are not automatically restarted, because they may have been shut down intentionally.

Monitored services of the ISA Server include:

- Microsoft Firewall (wspssrv)
- Microsoft ISA Server Control (mspadmim)
- Microsoft ISA Server Job Scheduler (w3prefch)
- Routing and Remote Access (svchost)
- Network Load Balancing
- Microsoft Data Engine (sqlservr)
- Microsoft ISA Server Storage (isastg)
- Firewall Engine
- ISA Storage Configuration (dsadmin)

This monitoring group includes the following policies:

- ISA2006_Availability_Config-Storage-service
- ISA2006_Availability_DataEngine-Service
- ISA2006_Availability_Firewall-Engine-Service
- ISA2006_Availability_Firewall-Service
- ISA2006_Availability_JobScheduler-Service
- ISA2006_Availability_Network-Load-Balancing-Service
- ISA2006_Availability_RemoteAccess-Service
- ISA2006_Availability_ServerControl-Service
- ISA2006_Availability_Storage-Service

Related Topics:

- Performance Monitoring

- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_Config-Storage-service

The ISA2006_Availability_Config-Storage-service policy checks if ISA Configuration Storage Server service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_DataEngine-Service

The ISA2006_Availability_DataEngine-Service policy checks if ISA Data Engine service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_Firewall-Engine-Service

The ISA2006_Availability_Firewall-Engine-Service policy checks if ISA Firewall Engine service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_Firewall-Service

The ISA2006_Availability_Firewall-Service policy checks if Microsoft Firewall service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_JobScheduler-Service

The ISA2006_Availability_JobScheduler-Service policy checks if ISA Job Scheduler service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_Network-Load-Balancing-Service

The ISA2006_Availability_Network-Load-Balancing-Service policy checks if ISA Network Load Balancing service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_RemoteAccess-Service

The ISA2006_Availability_RemoteAccess-Service policy checks if ISA Routing and Remote Access service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_ServerControl-Service

The ISA2006_Availability_ServerControl-Service policy checks if ISA Server Control service is running. If not, it tries to restart the service.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Availability_Storage-Service

The ISA2006_Availability_Storage-Service policy checks if ISA Server Storage service is running. If not, it tries to restart the service.

Schedule: This policy runs every

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Availability Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Windows Event Log Monitoring

Event monitoring of the Windows 2000/2003 Event Log (application log) occurs for ISA Server events. Console messages are sent for all errors, warnings, and information events logged for the following sources:

- Microsoft Firewall
- Microsoft Web Proxy
- Microsoft ISA Server Control
- Microsoft Scheduled Cache Content Download

This monitoring group includes the following policies:

- ISA2006_FwdApplicationError
- ISA2006_FwdApplicationInformation
- ISA2006_FwdApplicationWarning

Related Topics:

- Performance Monitoring
- Availability Monitoring
- Server Logging
- Discovery

ISA2006_FwdApplicationError

The ISA2006_FwdApplicationError policy forwards all ISA Server application log entries with severity as *Error* .

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Event Log Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FwdApplicationInformation

The ISA2006_FwdApplicationInformation policy forwards all ISA Server application log entries with severity as *Information* .

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Event Log Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FwdApplicationWarning

The ISA2006_FwdApplicationWarning policy forwards all ISA Server application log entries with severity as *Warning* .

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Event Log Monitoring**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Performance Monitoring

ISA performance monitoring includes both specific ISA Server performance counters and CPU process-related counters. Each policy for performance monitoring has both error and warning thresholds.

This policy group include the following policies:

- Firewall Service
 - ISA2006_Firewall_PageFaults
 - ISA2006_Firewall_PrivateBytes
 - ISA2006_Firewall_ProcessorTime
 - ISA2006_Firewall_ThreadCount
 - ISA2006_Firewall_WorkingSet
- Firewall Engine
 - ISA2006_FirewallEngine_PageFaults
 - ISA2006_FirewallEngine_PrivateBytes
 - ISA2006_FirewallEngine_ProcessorTime
 - ISA2006_FirewallEngine_ThreadCount
 - ISA2006_FirewallEngine_WorkingSet
- Job Scheduler
 - ISA2006_JobScheduler_PageFaults
 - ISA2006_JobScheduler_PrivateBytes
 - ISA2006_JobScheduler_ProcessorTime
 - ISA2006_JobScheduler_ThreadCount
 - ISA2006_JobScheduler_WorkingSet
- Network Load Balancing
 - ISA2006_LoadBalancing_PageFaults
 - ISA2006_LoadBalancing_PrivateBytes
 - ISA2006_LoadBalancing_ProcessorTime

- ISA2006_LoadBalancing_ThreadCount
- ISA2006_LoadBalancing_WorkingSet
- Microsoft Data Engine
 - ISA2006_MSSQLMSFW_PageFaults
 - ISA2006_MSSQLMSFW_PrivateBytes
 - ISA2006_MSSQLMSFW_ProcessorTime
 - ISA2006_MSSQLMSFW_ThreadCount
 - ISA2006_MSSQLMSFW_WorkingSet
- Remote Access
 - ISA2006_RemoteAccess_PageFaults
 - ISA2006_RemoteAccess_PrivateBytes
 - ISA2006_RemoteAccess_ProcessorTime
 - ISA2006_RemoteAccess_ThreadCount
 - ISA2006_RemoteAccess_WorkingSet
- Server Control
 - ISA2006_ServerControl_PageFaults
 - ISA2006_ServerControl_PrivateBytes
 - ISA2006_ServerControl_ProcessorTime
 - ISA2006_ServerControl_ThreadCount
 - ISA2006_ServerControl_WorkingSet
- Server Storage
 - ISA2006_ServerStorage_PageFaults
 - ISA2006_ServerStorage_PrivateBytes
 - ISA2006_ServerStorage_ProcessorTime
 - ISA2006_ServerStorage_ThreadCount
 - ISA2006_ServerStorage_WorkingSet
- Storage Configuration

- ISA2006_StorageConfig_PageFaults
- ISA2006_StorageConfig_PrivateBytes
- ISA2006_StorageConfig_ProcessorTime
- ISA2006_StorageConfig_ThreadCount
- ISA2006_StorageConfig_WorkingSet

Related Topics:

- Availability Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Firewall_PageFaults

The ISA2006_Firewall_PageFaults policy monitors Page Faults of Firewall process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Firewall_PrivateBytes

The ISA2006_Firewall_PrivateBytes policy monitors private bytes of Firewall process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Firewall_ProcessorTime

The ISA2006_Firewall_ProcessorTime policy monitors processor time of Firewall process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Firewall**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Firewall_ThreadCount

The ISA2006_Firewall_ThreadCount policy monitors Thread Count of Firewall process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Firewall_WorkingSet

The ISA2006_Firewall_WorkingSet policy monitors Working Set of Firewall process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Firewall**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FirewallEngine_PageFaults

The ISA2006_FirewallEngine_PageFaults policy monitors Page Faults of Firewall Engine.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FirewallEngine_PrivateBytes

The ISA2006_FirewallEngine_PrivateBytes policy monitors Private Bytes of Firewall Engine.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FirewallEngine_ProcessorTime

The ISA2006_FirewallEngine_ProcessorTime policy monitors Processor Time of Firewall Engine.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FirewallEngine_ThreadCount

The ISA2006_FirewallEngine_ThreadCount policy monitors Thread Count of Firewall Engine.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_FirewallEngine_WorkingSet

The ISA2006_FirewallEngine_WorkingSet policy monitors Working Set of Firewall Engine.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Firewall Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_JobScheduler_PageFaults

The ISA2006_JobScheduler_PageFaults policy monitors Page Faults of Job Scheduler process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Job Scheduler**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_JobScheduler_PrivateBytes

The ISA2006_JobScheduler_PrivateBytes policy monitors Private Bytes of Job Scheduler process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Job Scheduler**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_JobScheduler_ProcessorTime

The ISA2006_JobScheduler_ProcessorTime policy monitors Processor Time of Job Scheduler process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Job Scheduler**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_JobScheduler_ThreadCount

The ISA2006_JobScheduler_ThreadCount policy monitors Thread Count of Job Scheduler process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Job Scheduler**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_JobScheduler_WorkingSet

The ISA2006_JobScheduler_WorkingSet policy monitors Working Set of Job Scheduler process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Job Scheduler**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_LoadBalancing_PageFaults

The ISA2006_LoadBalancing_PageFaults policy monitors Page Faults of Load Balancing process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_LoadBalancing_PrivateBytes

The ISA2006_LoadBalancing_PrivateBytes policy monitors Private Bytes of Load Balancing process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_LoadBalancing_ProcessorTime

The ISA2006_LoadBalancing_ProcessorTime policy monitors Processor Time of Load Balancing process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_LoadBalancing_ThreadCount

The ISA2006_LoadBalancing_ThreadCount policy monitors Thread Count of Load Balancing process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_LoadBalancing_WorkingSet

The ISA2006_LoadBalancing_WorkingSet policy monitors Working Set of Load Balancing process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_MSSQLMSFW_PageFaults

The ISA2006_MSSQLMSFW_PageFaults policy monitors Page Faults of ISA Data Engine process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_MSSQLMSFW_PrivateBytes

The ISA2006_MSSQLMSFW_PrivateBytes policy monitors Private Bytes of ISA Data Engine process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_MSSQLMSFW_ProcessorTime

The ISA2006_MSSQLMSFW_ProcessorTime policy monitors Processor Time of ISA Data Engine process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_MSSQLMSFW_ThreadCount

The ISA2006_MSSQLMSFW_ThreadCount policy monitors Thread Count of ISA Data Engine process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_MSSQLMSFW_WorkingSet

The ISA2006_MSSQLMSFW_WorkingSet policy monitors Working Set of ISA Data Engine process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Microsoft Data Engine**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_RemoteAccess_PageFaults

The ISA2006_RemoteAccess_PageFaults policy monitors Page Faults of Remote Access process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Remote Access**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_RemoteAccess_PrivateBytes

The ISA2006_RemoteAccess_PrivateBytes policy monitors Private Bytes of Remote Access process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Remote Access**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_RemoteAccess_ProcessorTime

The ISA2006_RemoteAccess_ProcessorTime policy monitors Processor Time of Remote Access process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Remote Access**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_RemoteAccess_ThreadCount

The ISA2006_RemoteAccess_ThreadCount policy monitors Thread Count of Remote Access process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Remote Access**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_RemoteAccess_WorkingSet

The ISA2006_RemoteAccess_WorkingSet policy monitors Working Set of Remote Access process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Remote Access**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerControl_PageFaults

The ISA2006_ServerControl_PageFaults policy monitors Page Faults of Server Control process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Control**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerControl_PrivateBytes

The ISA2006_ServerControl_PrivateBytes policy monitors Private Bytes of Server Control process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Control**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerControl_ProcessorTime

The ISA2006_ServerControl_ProcessorTime policy monitors Processor Time of Server Control process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Control**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerControl_ThreadCount

The ISA2006_ServerControl_ThreadCount policy monitors Thread Count of Server Control process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Control**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerControl_WorkingSet

The ISA2006_ServerControl_WorkingSet policy monitors Working Set of Server Control process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Control**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerStorage_PageFaults

The ISA2006_ServerStorage_PageFaults policy monitors Page Faults of Server Storage process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Storage**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerStorage_PrivateBytes

The ISA2006_ServerStorage_PrivateBytes policy monitors Private Bytes of Server Storage process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Storage**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerStorage_ProcessorTime

The ISA2006_ServerStorage_ProcessorTime policy monitors Processor Time of Server Storage process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Storage**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerStorage_ThreadCount

The ISA2006_ServerStorage_ThreadCount policy monitors Thread Count of Server Storage process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_ServerStorage_WorkingSet

The ISA2006_ServerStorage_WorkingSet policy monitors Working Set of Server Storage process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **ISA Server Storage**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_StorageConfig_PageFaults

The ISA2006_StorageConfig_PageFaults policy monitors Page Faults of Storage Configuration process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Monitoring** → **Service Based** → **Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_StorageConfig_PrivateBytes

The ISA2006_StorageConfig_PrivateBytes policy monitors Private Bytes of Storage Configuration process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_StorageConfig_ProcessorTime

The ISA2006_StorageConfig_ProcessorTime policy monitors Processor Time of Storage Configuration process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_StorageConfig_ThreadCount

The ISA2006_StorageConfig_ThreadCount policy monitors Thread Count of Storage Configuration process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_StorageConfig_WorkingSet

The ISA2006_StorageConfig_WorkingSet policy monitors Working Set of Storage Configuration process.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Monitoring → Service Based → Storage Configuration**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Server Logging

In server logging group Selected process-related data for CPU and memory counters is logged for the ISA Server.

 **Note:**

For Server Logging, deployment of the Windows OS SPI logging policy, WINOSSPI-WINOS_Win2k_Logging, is required to log process-related data for CPU and memory counters. The counters specific to the Internet Security and Acceleration Server are documented in the policy section. Refer to the Windows OS SPI Policies for information about the process-related data for CPU and memory counters.

This monitoring group includes the following policies:

- ISA2006_Logging_Firewall
- ISA2006_Logging_Jobscheduler
- ISA2006_Logging_Servercache
- ISA2006_Logging_Servercontrol
- ISA2006_Logging_WebProxy

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Availability Monitoring
- Discovery

ISA2006_Logging_Firewall

The ISA2006_Logging_Firewall policy logs selected performance data for ISA Server 2006 Firewall service.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Data Logging**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Logging_Jobscheduler

The ISA2006_Logging_Jobscheduler policy logs selected performance data for ISA Server 2006 Job Scheduler.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Data Logging**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Logging_ServerCache

The ISA2006_Logging_ServerCache policy logs selected performance data for ISA Server 2006 Cache.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Data Logging**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Logging_ServerControl

The ISA2006_Logging_ServerControl policy logs selected performance data for ISA Server 2006 Server Control.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Log File Monitoring** → **Performance Data Logging**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Logging_WebProxy

The ISA2006_Logging_WebProxy policy logs selected performance data for ISA Server 2006 Web Proxy service.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Internet Security And Acceleration Server → Internet Security And Acceleration Server 2007 → Log File Monitoring → Performance Data Logging**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Discovery

The Discovery monitoring group discovers the services of the ISA server.

This monitoring group includes the following policies:

- ISA2006_Discovery_System
- ISA2006_Discovery_Application
- ISA2006_CheckDiscovery_Error
- ISA2006_AutoDiscover_Delete

Related Topics:

- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Availability Monitoring

ISA2006_Discovery_System

The ISA2006_Discovery_System policy discovers and adds infrastructure information to the service map.

Policy Type: Service Auto-Discovery policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Discovery**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_Discovery_Application

The ISA2006_Discovery_Application policy discovers and adds application and dependency information to the service map.

Policy Type: Service Auto-Discovery policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Discovery**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_CheckDiscovery_Error

The ISA2006_CheckDiscovery_Error policy forwards discovery script errors to the console map.

Policy Type: Logfile Entry policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Discovery**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

ISA2006_AutoDiscover_Delete

The ISA2006_AutoDiscover_Delete policy acts as service deletion message.

Policy Type: Open Message Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Internet Security And Acceleration Server** → **Internet Security And Acceleration Server 2007** → **Discovery**

Related Topics:

- Availability Monitoring
- Performance Monitoring
- Windows Event Log Monitoring
- Server Logging
- Discovery

Microsoft Enterprise Servers SPI Internet Security and Acceleration 2006 Reports

Reports represent various metrics. They contain data that are collected by policies.

The Microsoft Enterprise Servers SPI offers a number of reports that help you monitor Internet Security and Acceleration Server activity. The following report descriptions include listings of performance counters used.

Firewall, Web Proxy, Scheduled Cache Content Download, and ISA Server Control Process CPU Statistics

The Firewall, Web Proxy, Scheduled Cache Content Download, and ISA Server Control Process CPU Statistics report shows summary CPU statistics of ISA Server processes compared with overall CPU statistics of the system.

This report has the following counters:

- Process.% Processor Time (wspsrv, mspadmin, w3prefch, w3proxy)
- Process.ThreadCount(wspsrv, mspadmin, w3prefch, w3proxy)
- Processor:% Processor Time

 **Note:**

This report requires that the Windows OS SPI Reports package is installed on the system where HP Reporter is installed, as it accesses tables created and populated by the Windows OS SPI. The Windows OS SPI tables used are: WINOSSPI_PROCESS and WINOSSPI_PROCESSOR.

Dropped Packets Statistics

The Dropped Packets Statistics report shows summary statistics of ISA Server total dropped packets resulting from packet filtering.

This report has ISA Server Packet Filter.Total Dropped Packets as its counter.

Firewall Statistics

The Firewall Statistics report shows summary statistics of the ISA Server firewall, including the number of active sessions, the number of kernel mode data pumps, and the number of worker threads.

This report has the following counters:

- ISA Server Firewall Service.Active Sessions
- ISA Server Firewall Service.Active TCP Connections
- ISA Server Firewall Service.Active UDP Connections
- ISA Server Firewall Service.SecureNAT Mappings
- ISA Server Firewall Service.Available Worker Threads
- ISA Server Firewall Service.Worker Threads
- ISA Server Firewall Service.Bytes Read/sec
- ISA Server Firewall Service.Bytes Written/sec
- ISA Server Firewall Service.Kernel Mode Data Pumps

Firewall, Web Proxy, Scheduled Cache Content Download, and ISA Server Control Process Memory Statistics

The Firewall, Web Proxy, Scheduled Cache Content Download, and ISA Server Control Process Memory Statistics report shows summary memory statistics of ISA Server processes.

This report has the following counters:

- Process.Private Bytes (wspssrv, mspadmin, w3prefch, w3proxy)
- Process.Working Set (wspssrv, mspadmin, w3prefch, w3proxy)
- Process.Page Faults/sec (wspssrv, mspadmin, w3prefch, w3proxy)

Note:

This report requires that the Windows OS SPI Reports package is installed on your reporter machine, as it accesses a table created and populated by the Windows OS SPI. The Windows OS SPI table used is WINOSSPI_PROCESS.

ISA Server Cache Statistics

The ISA Server Cache Statistics report shows summary statistics of the ISA Server memory and disk cache, including the memory cache usage ratio percentage, and the disk cache failure rate.

This report has the following counters:

- ISA Server Cache.Memory Bytes Retrieved Rate (KB/sec)
- ISA Server Cache.Memory Cache Allocated Space (KB)
- ISA Server Cache.Memory Usage Ratio Percent (%)
- ISA Server Cache.Disk Bytes Retrieved Rate (KB/sec)
- ISA Server Cache.Disk Cache Allocated Space (KB)
- ISA Server Cache.Disk Failure Rate (Fail/sec)
- ISA Server Cache.Total Disk Failures
- ISA Server Cache.URL Commit Rate (URL/sec)
- ISA Server Cache.URLs in Cache
- ISA Server Cache.Max URLs Cached

Web Proxy Statistics

The Web Proxy Statistics report shows summary statistics of the ISA Server Web Proxy, including the cache hit ratio percentage, the current number of Web proxy users, and the rate at which data bytes have been sent and received by the Web proxy service to and from Web Proxy clients.

This report has the following counters:

- ISA Server Web Proxy.Cache Hit Ratio (%)
- ISA Server Web Proxy.Cache Running Hit Ratio (%)
- ISA Server Web Proxy.Total Cache Fetches
- ISA Server Web Proxy.Client Bytes Received/sec
- ISA Server Web Proxy.Client Bytes Sent/sec
- ISA Server Web Proxy.Client Bytes Total/sec
- ISA Server Web Proxy.Current Users
- ISA Server Web Proxy.Maximum Users

Web Proxy Request Statistics

The Web Proxy Request Statistics report shows summary statistics of the ISA Server Web Proxy including the number of failing client requests per second, and the total number of successful and failing client requests that have been made to the Web Proxy service.

This report has the following counters:

- ISA Server Web Proxy.Failing Requests/sec
- ISA Server Web Proxy.Requests/sec
- ISA Server Web Proxy.Current Average Milliseconds/request
- ISA Server Web Proxy.Total Failing Requests
- ISA Server Web Proxy.Total Requests
- ISA Server Web Proxy.Total Successful Requests
- ISA Server Web Proxy.Ftp Requests
- ISA Server Web Proxy.Http Requests

Web Proxy Sites Allowed and Denied Statistics

The Web Proxy Sites Allowed and Denied Statistics report shows summary statistics of the ISA Server Web Proxy including the number of Web sites allowed access to client and the number of Web sites denied access to clients.

This report has the following counters:

- ISA Server Web Proxy.Sites Denied
- ISA Server Web Proxy.Sites Allowed

Related Topics

- **Microsoft Enterprise Servers SPI Internet Security and Acceleration Graphs**
- **Microsoft Enterprise Servers SPI Internet Security and Acceleration Policies**

Microsoft Enterprise Servers SPI Internet and Security Acceleration Server 2006 Graphs

The Microsoft Enterprise Servers SPI graphs are pictorial representation of the various metrics of Internet Security and Acceleration Server. Graphs contain data that are collected by policies.

The Microsoft Enterprise Servers SPI Internet and Security Acceleration Server 2006 graphs are as follows:

Cache URL Statistics

The Cache URL Statistics graph shows summary statistics relating to URLs of the ISA Server cache.

Disk Cache Statistics

The Disk Cache Statistics graph shows summary statistics of the ISA Server disk cache, including the disk cache failure rate.

Disk Failure Statistics

The Disk Failure Statistics graph shows summary statistics of the ISA Server disk cache failure rate.

Dropped Packets Statistics

The Dropped Packets Statistics graph shows summary statistics of ISA Server total dropped packets resulting from packet filtering.

Firewall CPU

The Firewall CPU graph shows summary CPU statistics of the ISA Server Firewall process.

Firewall Data Pump Statistics

The Firewall Data Pump Statistics graph shows summary statistics of the ISA Server firewall, including the number of kernel mode data pumps.

Firewall Memory

The Firewall Memory graph shows summary memory statistics of the ISA Server Firewall process.

Firewall Session / Connection Statistics

The Firewall Session / Connection Statistics graph shows summary statistics of the ISA Server firewall, including the number of active sessions.

Firewall Worker Threads Statistics

The Firewall Worker Threads Statistics graph shows summary statistics of the ISA Server firewall, including the number of worker threads.

ISA Server Control CPU

The ISA Server Control CPU graph shows summary CPU statistics of the ISA Server Control process.

ISA Server Control Memory

The ISA Server Control Memory graph shows summary memory statistics of the ISA Server Control process.

Memory Cache Ratio Percent

The Memory Cache Ratio Percent graph shows summary statistics of the ISA Server memory cache, including the memory cache usage ratio percentage.

Memory Cache Statistics

The Memory Cache Statistics graph shows summary statistics of the ISA Server memory cache, including the memory bytes retrieved rate.

Scheduled Cache Content Download CPU

The Scheduled Cache Content Download CPU graph shows summary CPU statistics of the ISA Server Scheduled Cache Content Download process.

Scheduled Cache Content Download Memory

The Scheduled Cache Content Download Memory graph shows summary memory statistics of the ISA Server Scheduled Cache Content Download process.

Sites Allowed/Denied Statistics

The Sites Allowed/Denied Statistics graph shows summary statistics of the ISA Server Web Proxy, including the number of Web sites allowed access to client and the number of Web sites denied access to clients.

Web Proxy Average Milliseconds/request

The Web Proxy Average Milliseconds/request graph shows summary statistics of the ISA Server Web Proxy, including the average milliseconds per client request that has been made to the Web Proxy service.

Web Proxy Cache Hit Ratio Statistics

The Web Proxy Cache Hit Ratio Statistics graph shows summary statistics of the ISA Server Web Proxy, including the cache hit ratio percentage.

Web Proxy Client Bytes Statistics

The Web Proxy Client Bytes Statistics graph shows summary statistics of the ISA Server Web Proxy, including the rate at which data bytes have been sent and received by the Web proxy service to and from Web Proxy clients.

Web Proxy CPU

The Web Proxy CPU graph shows summary CPU statistics of the ISA Server Web Proxy process.

Web Proxy Memory

The Web Proxy Memory graph shows summary memory statistics of the ISA Server Web Proxy process.

Web Proxy Requests Statistics

The Web Proxy Requests Statistics graph shows summary statistics of the ISA Server Web Proxy, including the number of failing client requests per second that have been made to the Web Proxy service.

Web Proxy Users Statistics

The Web Proxy Users Statistics graph shows summary statistics of the ISA Server Web Proxy, including the current number of Web proxy users.

Related Topics

- [Microsoft Enterprise Servers SPI Internet Security and Acceleration Reports](#)
- [Microsoft Enterprise Servers SPI Internet Security and Acceleration Policies](#)

HP Operations Smart Plug-in for Microsoft Enterprise Servers - Microsoft Office SharePoint Server 2007 Overview

Microsoft's Office SharePoint Server 2007 is a document repository system accessed through both a web and native client. Microsoft Office SharePoint Server 2007 provides formal processes for authoring and approval, to allow simple but reliable document versioning.

Microsoft Office SharePoint Server 2007 enables enterprises to develop an intelligent portal that seamlessly connects users, teams, and knowledge so that people can use information and work efficiently across business processes. This is made possible by integrating information from various systems into one solution, through single sign-on and enterprise application integration capabilities, and with flexible deployment options and management tools. The portal facilitates end-to-end collaboration by enabling aggregation, organization, and search capabilities for people, teams, and information. Users can find relevant information quickly through customization and personalization of portal content and layout, as well as by audience targeting. Organizations can target information, programs, and updates to audiences based on their organizational role, team membership, interest, security group, or any other membership criteria that can be defined.

Microsoft Office SharePoint Server 2007 has the following components:

- All the systems on which Microsoft Office SharePoint Server 2007 is installed.
- All components enabled on each system.
- Microsoft Office SharePoint Server 2007 Extended Virtual Servers and the systems which they are hosted on.
- Virtual server on which any site is hosted, (allows you to see the sites affected when a virtual server is unavailable).
- Content Databases, Configuration Databases, and SMTP servers and the dependency of these services on other components like IIS and Windows Operating System.
- All WSS sites and their content sources hosted by Microsoft Office SharePoint Server 2007, and their sub web (child) sites.
- Microsoft Office SharePoint Server 2007 Portal sites and the hierarchy of their member sites.

Related Topics:

- [Microsoft Enterprise Servers SPI Microsoft SharePoint Office Policies](#)
- [Microsoft Enterprise Servers SPI Microsoft SharePoint Office Reports](#)
- [Microsoft Enterprise Servers SPI Microsoft SharePoint Office Graphs](#)
- [Browse SharePoint Site Tool](#)

Microsoft Enterprise Servers Microsoft Office SharePoint Server 2007 SPI Policies

The Microsoft Enterprise Servers SPI policies monitor the Microsoft Office SharePoint Server 2007. The policies offer the following monitoring processes:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

Related Topics:

- [Microsoft Enterprise Servers SPI Microsoft SharePoint Server 2007 Reports](#)
- [Microsoft Enterprise Servers SPI Microsoft SharePoint Server Graphs](#)
- [Browse SharePoint Site Tool](#)

Discovery

The Discovery group discovers the services of the Microsoft Office SharePoint Server 2007.

This monitoring group includes the Microsoft Office SharePoint Server 2007 Discovery policy.

Related Topics:

- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

Microsoft Office SharePoint Server 2007 Discovery

The Microsoft Office SharePoint Server 2007 Discovery policy discovers the services of the Microsoft Office SharePoint Server 2007.

Policy Type: Service Auto Discovery policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Discovery**

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

Availability Monitoring

The availability monitoring group monitor the services of the Microsoft Office SharePoint Server 2007. This monitoring group includes the following policies:

- MSES_MOSS_AdminService
- MSES_MOSS_Document Conversions Load Balancer Service
- MSES_MOSS_OfficeServerSearchService
- MSES_MOSS_TimerService
- MSES_MOSS_Document Conversions Launcher Service
- MSES_MOSS_SearchService
- MSES_MOSS_SingleSignOnService

Related Topics:

- Discovery
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_AdminService

The MSES_MOSS_AdminService policy monitors the Microsoft Office SharePoint Server 2007 admin service. If the service is stopped it is restarted automatically.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_Document Conversions Load Balancer Service

The MSES_MOSS_Document Conversions Load Balancer Service policy monitors the Document Conversions Load Balancer Service process.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → SharePoint Portal Server → Microsoft Office SharePoint Server 2007 → Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_Document Conversions Launcher Service

The MSES_MOSS_Document Conversions Launcher Service policy monitors Document Conversions Launcher Service process.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_OfficeServerSearchService

The MSES_MOSS_OfficeServerSearchService policy monitors the Office Sharepoint server search.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_SearchService

The MSES_MOSS_SearchService policy monitors the Microsoft SharePoint 2007 Server search service. If the service is stopped it is restarted automatically.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_TimerService

The MSES_MOSS_TimerService policy monitors the Microsoft SharePoint 2007 Server timer service. If the service is stopped it is restarted automatically.

Schedule: This policy runs every 5 minutes.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_SingleSignOnService

The MSES_MOSS_SingleSignOnService policy monitors the Microsoft SharePoint 2007 Server single sign-on service. If the service is stopped it is restarted automatically.

Schedule: This policy runs every 5 minutes daily.

Policy Type: Windows Management Interface policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

Server Logging

In server logging group the following metrics are collected for all the processes mentioned under logging.

Metric Name	Data Type
Instance Name	Text
Working Set	Real64
Page Faults per sec	Real64
Private Bytes	Real64
Thread Count	Real64
Processor Time (%)	Real64

This monitoring group includes the following policies:

- MSES_MOSS-2k7_Logging_Process_MOSS.Conversions.LoadBalancer
- MSES_MOSS-2k7_Logging_Process_WSSTRACING
- MSES_MOSS-2k7_Logging_Process_SPWRITER
- MSES_MOSS-2k7_Logging_Process_WSADMIN
- MSES_MOSS-2k7_Logging_Process_OWSTIMER
- MSES_MOSS-2k7_Logging_Process_MSSEARCH
- MSES_MOSS-2k7_Logging_Process_w3wp
- MSES_MOSS-2k7_Logging_Process_SSOSRV
- MSES_MOSS-2k7_Logging_Process_MOSS.Conversions.Launcher
- MSES_MOSS-2k7_CreateCodeDataSources

Related Topics:

- Discovery
- Availability Monitoring

- [Service Monitoring](#)
- [Application Monitoring](#)

MSES_MOSS-2k7_Logging_Process_MOSS.Conversions.LoadB

The MSES_MOSS-2k7_Logging_Process_MOSS.Conversions.LoadBalancer policy collects data for Microsoft Office Server Conversions LoadBalancer.

Service Name: Office Document Conversions Load Balancer Service

Monitored Process: Micorsoft.Office.Server.conversions.LoadBalancer.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS-2k7_Logging_Process_ MOSS.Conversions.Launcher

The MSES_MOSS-2k7_Logging_Process_MOSS.Conversions.Launcher policy collects data for conversions.Launcher process.

Service Name: Office Document Conversions Launcher Service

Monitored Process: Microsoft.Office.Server.Conversions.Launcher.exe

Schedule: This policy runs every 5 minutes daily.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS- 2k7_Logging_Process_WSSTRACING

The MSES_MOSS-2k7_Logging_Process_WSSTRACING policy collects data for the WSSTRACING process.

Service Name: Windows SharePoint Services Tracing

Monitored Process: wsstracing.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS- 2k7_Logging_Process_MSSEARCH

The MSES_MOSS-2k7_Logging_Process_MSSEARCH policy collects data for MSSEARCH process.

Service Name: Windows SharePoint Services Search

Monitored Process: mssearch.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS- 2k7_Logging_Process_OWSTIMER

The MSES_MOSS-2k7_Logging_Process_OWSTIMER policy collects data for the OWSTIMER process.

Service Name: Windows SharePoint Services Timer

Monitored Process: owstimer.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS- 2k7_Logging_Process_SPWRITER

The MSES_MOSS-2k7_Logging_Process_SPWRITER policy collects data for the SPWRITER process.

Service Name: Windows SharePoint Services VSS Writer

Monitored Process: spwriter.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS-2k7_ Logging_Process_SSOSRV

The MSES_MOSS-2k7_Logging_Process_SSOSRV policy collects data for SSOSRV process.

Service Name: Microsoft Single Sign-on Service

Monitored Process: ssosrv.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS-2k7_Logging_Process_w3wp

The MSES_MOSS-2k7_Logging_Process_w3wp policy collects data for w3wp process.

Service Name: Windows IIS worker process

Monitored Process: w3wp.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS-2k7_ CreateCodaDataSources

The MSES_MOSS-2k7_ CreateCodaDataSources policy creates the data source for logging data.

Note: Deploy this policy before deploying any other logging policy.

Service Name: Office Document Conversions Launcher Service

Monitored Process: Microsoft.Office.Server.Conversions.Launcher.exe

Schedule: This policy runs every 30 minutes.

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS- 2k7_Logging_Process_WSSADMIN

The MSES_MOSS-2k7_Logging_Process_WSSADMIN policy collects data for WSADMIN process.

Service Name: Measurement Threshold policy

Monitored Process: wssadmin.exe

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

Service Monitoring

The service monitoring group monitors the available services of the Microsoft Office SharePoint Server 2007. This monitoring group includes the following policies:

- MSES_MOSS-2k7_Database_Monitoring
- MSES_MOSS-2k7_Logical_Services_Monitoring
- MSES_MOSS_Documents Delayed Retry
- MSES_MOSS_HeartBeats
- MSES_MOSS_Active Queue Length
- MSES_MOSS_ReasonToBackOff
- MSES_MOSS_IndexerCatalogsNumOfDocuments

Related Topics:

- Discovery
- Availability Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS-2k7_Database_Monitoring

The MSES_MOSS-2k7_Database_Monitoring policy checks the status of the MOSS database instances.

Schedule: This policy runs every 30 minutes.

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS-2k7_ Logical_Services_Monitoring

The MSES_MOSS-2k7_Logical_Services_Monitoring policy checks the status of the MOSS logical services.

Schedule: This policy runs every 30 minutes.

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → SharePoint Portal Server → Microsoft Office SharePoint Server 2007 → Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_HeartBeats

The MSES_MOSS_HeartBeats policy monitors the Microsoft SharePoint Portal Server 2007 Gatherer/HearBeats counters.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS_Documents Delayed Retry

The MSES_MOSS_Documents Delayed Retry policy monitors the Documents Delayed Retry counter.

Schedule: This policy runs every 20 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Portal Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS_Active Queue Length

The MSES_MOSS_Active Queue Length policy monitors the Active Queue Length.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS_ReasonToBackOff

The MSES_MOSS_ReasonToBackOff policy monitors the ReasonToBackOff counters.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS_IndexerCatalogsNumOfDocuments

The MSES_MOSS_IndexerCatalogsNumOfDocuments policy monitors the increase in the number of documents indexed.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

Application Monitoring

The application monitoring group monitors the available applications of the Microsoft Office SharePoint Server 2007. This monitoring group includes the following policies:

- MSES_MOSS_FwdApplicationInformation
- MSES_MOSS_FwdApplicationWarning
- MSES_MOSS_FwdApplicationError

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Server Logging

MSES_MOSS_FwdApplicationError

The MSES_MOSS_FwdApplicationError policy handles all error messages from all Microsoft Office SharePoint services.

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → **Auto-Deploy / Manual-Deploy**

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

MSES_MOSS_FwdApplicationInformation

The MSES_MOSS_FwdApplicationInformation policy handles information from all Microsoft Office SharePoint services.

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → SharePoint Portal Server → Microsoft Office SharePoint Server 2007 → Auto-Deploy / Manual-Deploy**

Related Topics:

- Discovery
- Availability Monitoring
- Service Monitoring
- Application Monitoring
- Server Logging

MSES_MOSS_FwdApplicationWarning

The MSES_MOSS_FwdApplicationWarning policy handles the warning messages from all Microsoft Office SharePoint services.

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **SharePoint Portal Server** → **Microsoft Office SharePoint Server 2007** → Auto-Deploy / Manual-Deploy

Related Topics:

- [Discovery](#)
- [Availability Monitoring](#)
- [Service Monitoring](#)
- [Application Monitoring](#)
- [Server Logging](#)

Microsoft Enterprise Servers SPI Microsoft Office SharePoint 2007 Reports

Memory and CPU reports

These reports can be used to plan and predict capacity of Microsoft Office SharePoint Server 2007 deployment. They can assist determining whether an additional search server or Web front end server needs to be added to improve performance.

 **Note:**

Deploy the WINOSSPI-WINOS_Win2k_Logging policy for these reports to function correctly.

Daily/Weekly CPU Usage Summary

(g_MOSS2k7CPUSummary.rpt/g_MOSS2k7CPUWeeklySummary.rpt)

This report shows summary CPU statistics of MOSS 2007 server's services installed nodes in an enterprise deployment. The displays for every six hours over the last 7 days, compared with overall CPU statistics of the system, in both graphical and tabular format. This report can help administrators see which server is heavily loaded and which process is causing so much load.

Daily/Weekly Memory Usage Summary (g_MOSS2k7MemorySummary.rpt/
g_MOSS2k7MemoryWeeklySummary.rpt)

This report shows summary CPU statistics of MOSS 2007 server's services installed nodes in an enterprise deployment. The data displays for every six hours over the last 7 days, compared with overall CPU statistics of the system, in both graphical and tabular format. The summarized process statistics include the page faults per second, private bytes, and working set used by the services.

IIS Worker Process reports

Weekly Summary of IIS Worker Process CPU Usage(g_MOSS2k7_IIS_CPUWeeklySummary.rpt)

This report shows the size of each index, total free space, and total used space left on each of the SharePoint Portal Server 2003 Indexing servers. The report shows data points, and charts for every 12 hours in each day over the past seven days.

 **Note:**

Deploy the WINOSSPI-IISCollector and NET_SPS_Logging policies for this report to function correctly.

Related Topics:

- [Microsoft Enterprise Servers SPI Microsoft SharePoint 2007 Graphs](#)
- [Microsoft Enterprise Servers SPI Microsoft SharePoint 2007 Policies](#)

Microsoft Enterprise Servers SPI Microsoft Office SharePoint 2007 Graphs

The following predefined graphs for Microsoft Office SharePoint Server 2007 are available with the Microsoft Enterprise Servers SPI:

SharePoint Server Admin service CPU usage

This graph shows summary CPU statistics of the SharePoint admin service process (spsadmin.exe). This data can be compared with System Processor Time to determine to what extent the SharePoint admin service is utilizing processor time.

SharePoint Portal Server Admin service Memory usage

This graph shows summary memory statistics of the SharePoint admin service process (spsadmin.exe). The summarized process statistics show private bytes, and working set used by the process.

Counters:

- Process.PrivateBytes
- Process.WorkingSet

SharePoint Portal Server Search Service CPU usage

This graph shows summary CPU statistics of the SharePoint search service process (mssearch.exe). This data can be compared with System Processor Time to determine to what extent the SharePoint admin service is utilizing processor time.

SharePoint Portal Server Search Service Memory usage

This graph shows summary memory statistics of the SharePoint search service process (mssearch.exe). The summarized process statistics include the private bytes, and working set used by the process.

Counters:

- Process.PrivateBytes
- Process.WorkingSet

SharePoint Search Service Page Faults/sec

This graph shows summary memory statistics of the SharePoint Search service process (mssearch.exe).

The summarized process statistics include the Page Faults\sec by the process.

Counters:

- Process:Page Faults\sec

SharePoint Portal Server SingleSignon Service CPU usage

This graph shows summary CPU statistics of the SharePoint Single sign on service process (SSOSRV.exe). This data can be compared with System Processor Time to determine to what extent the SharePoint Single sign on service is utilizing processor time.

SharePoint Portal Server SingleSignon Service Memory usage

This graph shows summary memory statistics of the SharePoint single sign on service process (SSOSRV.exe). The summarized process statistics include the private bytes, and working set used by the process.

Counters:

- Process.Private Bytes
- Process.Working Set

SharePoint Portal Server SPTimer Service CPU Usage

This graph shows summary CPU statistics of the SharePoint SPTimer service process (OWSTIMER.exe). This data can be compared with System Processor Time to determine to what extent the SharePoint SPTimer service is utilizing processor time.

SharePoint Portal Server SPTimer Service Memory usage

This graph shows summary memory statistics of the SharePoint SPTimer service process (OWSTIMER.exe). The summarized process statistics include the private bytes and working set used by the process.

Counters:

- Process.Private Bytes
- Process.Working Set, Process

IIS Worker process CPU usage

This graph shows summary CPU statistics of the IIS worker process service (w3wp.exe). This data can be compared with System Processor Time to determine to what extent the IIS worker process service is

utilizing processor time, which can be used in making decisions about whether to add additional web front end servers.

IIS Worker process Memory usage

This graph shows summary memory statistics of the IIS worker process service (w3wp.exe). The summarized process statistics include the private bytes and working set used by the process.

Counters:

- Process.Private Bytes
- Process.Working Set.

IIS Worker processes Page Faults

This graph shows summary memory statistics of the IIS worker process service (w3wp.exe). The summarized process statistics include the Page Faults\sec by the process.

Counters:

- Process:Page Faults\sec

Related Topics:

- [Microsoft Enterprise Servers SPI Microsoft Office SharePoint 2007 Policies](#)
- [Microsoft Enterprise Servers SPI Microsoft Office SharePoint 2007 Reports](#)

Microsoft Enterprise Servers SPI Office Communications Server 2007 Overview

The Microsoft Enterprise Servers SPI monitors the Microsoft Office Communications Server 2007 and helps in unhindered flow of communications within the enterprises. The Microsoft Enterprise Servers SPI monitors the following OCS servers for process monitoring and service management, and for logging data used by Office Communications Server 2007 reports and graphs.

Policy Groups of Office Communications Server 2007

The OCS has the following policy groups:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

Related Topics

- [Deployment of Microsoft Enterprise Servers SPI Office COmmunications Server Policies](#)
- [Microsoft Enterprise Servers SPI Office COmmunications Server Reports](#)
- [Microsoft Enterprise Servers SPI Office COmmunications Server Graphs](#)

Microsoft Enterprise Servers SPI Office Communications Server 2007 Policies

The Microsoft Enterprise Servers SPI monitors the Microsoft Office Communications Server 2007 and helps in unhindered flow of communications within the enterprises. The Microsoft Enterprise Servers SPI offers the following policies for process monitoring and service management, and for logging data used by Office Communications Server 2007 reports and graphs.

Policy Groups of Office Communications Server 2007

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- Discovery
- AccessEdgeServer
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- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

Related Topics

- [Deployment of Microsoft Enterprise Servers SPI Office Communications Server 2007 Policies](#)
- [Microsoft Enterprise Servers SPI Office Communications Server Reports](#)
- [Microsoft Enterprise Servers SPI Office Communications Server Graphs](#)

Deployment of Microsoft Enterprise Servers SPI Office Communications Server 2007 Policies

The Microsoft Enterprise Servers SPI policies can be deployed on OCS 2007 and OCS 2007 R2. Ensure to deploy the relevant policies.

Assign only those policy groups on the managed nodes which host the roles that the policy group is related to. For example if the managed node hosts the AccessEdge Server, deploy only the AccessEdge Server policy group, and so on.

Related Topics

- [Microsoft Enterprise Servers SPI Office Communications Server 2007 Policies](#)

Discovery

The Discovery policy group contains the OCS_Discovery policy which discovers the OCS roles and services.

Related Topics

- [Discovery](#)
- [AccessEdgeServer](#)
- [ArchivingCDRServer](#)
- [AVConfServer](#)
- [AVEdgeServer](#)
- [Configuration](#)
- [CWAServer](#)
- [FrontEndServer](#)
- [IMConfServer](#)
- [MediationServer](#)
- [TelConfServer](#)
- [WebCompServer](#)
- [WebConfServer](#)
- [WebEdgeServer](#)
- [Others](#)

OCS_Discovery

Microsoft Office Communications Server 2007 Discovery policy discovers the following OCS roles and services:

- **Roles**

- A/V edge server
- Access edge server
- Web conferencing edge server
- Instant Messaging Conferencing Server
- Telephony Conferencing Server
- Web conferencing server
- A/V conferencing server
- Communicator Web Access
- Archiving and CDR Server
- Mediation server
- Web Components Server

- **Services**

- Front End Service
- Audio/Video Conferencing service
- IM Conferencing service
- Telephony Conferencing Service
- Web Conferencing Service
- Archiving and CDR service
- Audio/Video Authentication service
- Audio/Video Edge service
- Access Edge service

- Web Conferencing Edge service
- Mediation service

If the node to which the policy is deployed is a member of an OCS pool, then the pool, the pool type (standard/enterprise), and the members of the pool are also discovered by the policy. If the agent is not running under the default account (Local System account) on the managed node, then create a user who is a member of the RTCUniversalGuestAccessGroup, if the node is a member of the OCS pool. For Edge Servers, provide the privileges of a Local Administrator.

Edit the username and password in the policy and enter the credentials of this user. Save and close the policy and deploy the edited policy to the node.

The username format for the:

- *DCE agent* - domain\user
- *HTTPS* - domain\user

Policy type: Service Auto-Discovery

Policy group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **Discovery**

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

AccessEdgeServer

Deploy this policy group on an Access Edge Server. The Access Edge Server is located in the perimeter network. It validates incoming SIP traffic, then forwards the IM traffic between internal and external users. In Live Communications Server 2005, it was called the Access Proxy.

The Access Edge Server and Web Conferencing Server can be configured on the same server. The A/V Edge Server can also be configured on the same server.

The following policies of this policy group can be deployed on OCS 2007 and OCS 2007 R2:

- OCS_AccessEdgeServer_ActiveTLSConnections
- OCS_AccessEdgeServer_AddressSpaceUsage
- OCS_AccessEdgeServer_AverageIncomingMessageProcessingTime
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedDomain
- OCS_AccessEdgeServer_FlowControlledConnections
- OCS_AccessEdgeServer_IncomingRequestsDroppedPerSec
- OCS_AccessEdgeServer_MsgPerSecDroppedDueToUnknownDomain
- OCS_AccessEdgeServer_MsgsDroppedPerSecDueToCertMismatch
- OCS_AccessEdgeServer_RejectedExtEdgeClientConnectionsPerSec
- OCS_AccessEdgeServer_RejectedExtEdgeServerConnectionsPerSec
- OCS_AccessEdgeServer_SendsTimedOut
- OCS_AccessEdgeServer_AboveLimitConnectionsDropped
- OCS_AccessEdgeServer_FlowControlledConnectionsDropped
- OCS_AccessEdgeServer_MessagesInServer
- OCS_Check_AccessEdgeServiceStatus
- OCS_AccessEdgeService_Logging
- OCS_AccessEdgeService_PageFaultsPerSec
- OCS_AccessEdgeService_PrivateBytes
- OCS_AccessEdgeService_ProcessorTime

- OCS_AccessEdgeService_ThreadCount
- OCS_AccessEdgeService_WorkingSet
- OCS_AccessEdgeServer_IncomingResponsesDroppedPerSec
- OCS_AccessEdgeServer_IncomingMsgHeldAboveOverloadWatermark

Deploy the following policies only on OCS 2007:

- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedIMDomain
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnauthIMDomain
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnresolvedDomain
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToIncompMsgDomain

Deploy the following policies only on OCS 2007 R2:

- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedIMDomain_R2
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnauthIMDomain_R2
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnresolvedDomain_R2
- OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToIncompMsgDomain_R2

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_Logging

The OCS_AccessEdgeServer_Logging policy logs the following metrics as mentioned in the table into the data store (CODA / HP Performance Agent) for the instance _Total. If a metric value is unavailable, this policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AccessEdgeService_Logging policy.

Instance	Performance Object
_Total	LC:SIP - 02 – Protocol\SIP - 021 - Average Incoming Message Processing Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_ACCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer

- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_FlowControlledConnect

The OCS_AccessEdgeServer_FlowControlledConnectionsDropped policy monitors the total number of connections dropped because of excessive flow-control.

Performance Object: LC:SIP - 01 - Peers

Instance: _Total

Counter: SIP - 024 - Flow-controlled Connections Dropped

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_AddressSpaceUsage

The OCS_AccessEdgeServer_AddressSpaceUsage policy monitors the percentage of available address space currently in use by the server process.

Performance Object: LC:SIP - 07 - Load Management

Counter: SIP - 009 - Address space usage

Threshold: This policy has the following threshold:

- Warning: 65
- Critical: 75

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeService_PrivateBytes

The OCS_AccessEdgeService_PrivateBytes policy monitors the Private Bytes counter of the Access Edge Service.

Performance Object: Process

Instance: RTCSrv

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_AccessEdgeServiceStatus

The OCS_Check_AccessEdgeServiceStatus policy checks the status of the Access Edge Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCSrv

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_AccessEdgeServer_ActiveTLSConnections

The OCS_AccessEdgeServer_ActiveTLSConnections policy monitors the number of established TLS connections that are currently active. TLS Connection is considered established when peer certificate and, possibly, host name are verified for trust relationship.

Performance Object: LC:API - 00 - API Application Instance Counters

Instance: _Total

Counter: API - 026 - Transactions Pending Dispatch Completion

Threshold: When the difference between two samples is greater than:

- Warning: 500
- Critical: 1000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer

- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_MsgsDroppedPerSecDue

The OCS_AccessEdgeServer_MsgsDroppedPerSecDueToCertMismatch policy monitors the number of messages dropped per second because the remote peer's certificate did not contain a matching FQDN.

Performance Object: LC:SIP - 02 – Protocol

Counter: SIP - 011 - Messages/sec Dropped Due To Certificate Mismatch

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_RejectedExtEdgeServer

The OCS_AccessEdgeServer_RejectedExtEdgeServerConnectionsPerSec policy monitors the number of server connections rejected at the external edge per second because all federation is disabled.

Performance Object: LC:SIP - 08 - Access Edge Server Connections

Counter: SIP - 013 - Rejected External Edge Server Connections/sec

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_SendsTimedOut

The OCS_AccessEdgeServer_SendsTimedOut policy monitors the total number of sends dropped because they stayed in the outgoing (send) queue for too long.

Performance Object: LC:SIP - 01 - Peers

Instance: _Total

Counter: SIP - 018 - Sends Timed-Out

Threshold: When the difference between two samples is greater than:

- Warning: 500
- Critical: 1000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_IncomingResponsesDrope

The OCS_AccessEdgeServer_IncomingResponsesDroppedPerSec policy monitors the number of incoming responses dropped per second because they could not be processed (due to bad headers, insufficient routing information, server resource allocation failure).

Performance Object: LC:SIP - 02 - Protocol

Counter: SIP - 005 - Incoming Responses Dropped/sec

Threshold: Configuration recommended

Schedule: This policy runs every 15 minutes.

Policy type: Measurement Threshold policy

Policy group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_AccessEdgeService_WorkingSet

The OCS_AccessEdgeService_WorkingSet policy monitors the Working Set counter of the Access Edge Service.

Performance Object: Process

Instance: RTCSrv

Counter: WorkingSet

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_MsgPerSecDroppedDue'

The OCS_AccessEdgeServer_MsgPerSecDroppedDueToUnknownDomain policy monitors the number of messages that could not be routed per second because the message domain is not in the routing table.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 021 - Messages/sec Dropped Due To Unknown Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_FlowControlledConnect

The OCS_AccessEdgeServer_FlowControlledConnections policy monitors the number of connections that are currently being flow-controlled (no socket receives are posted).

Performance Object: LC:SIP - 01 - Peers

Instance: _Total

Counter: SIP - 023 - Flow-controlled Connections

Threshold: When the difference between two samples is greater than :

- Warning: 50
- Critical: 100

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeService_ThreadCount

The OCS_AccessEdgeService_ThreadCount policy monitors the ThreadCount counter of the Access Edge Service.

Performance Object: Process

Instance: RTCSrv

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_RejectedExtEdgeClientC

The OCS_AccessEdgeServer_RejectedExtEdgeClientConnectionsPerSec policy monitors the number of client connections rejected at the external edge per second because remote user access is disabled.

Performance Object: LC:SIP - 08 - Access Edge Server Connections

Counter: SIP - 015 - Rejected External Edge Client Connections/sec

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeService_Logging

The OCS_AccessEdgeService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances RTCSrv or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AccessEdgeService_Logging policy.

Instance	Performance Object
RTCSrv	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeService_PageFaultsPerSec

The OCS_AccessEdgeService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Access Edge Service.

Performance Object: Process

Instance: RTCSrv

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedDomain policy monitors the number of messages dropped at the external edge per second because the domain is in the blocked list.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 027 - External Messages/sec Dropped Due To Blocked Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_MessagesInServer

The OCS_AccessEdgeServer_MessagesInServer policy monitors the number of messages currently being processed by the server.

Performance Object: LC:SIP - 02 – Protocol

Counter: SIP - 012 - Messages In Server

Threshold: When the difference between two samples is greater than:

- Warning: 2500
- Critical: 5000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_AverageIncomingMessa

The OCS_AccessEdgeServer_AverageIncomingMessageProcessingTime policy monitors the average time (in seconds) it takes to process an incoming message.

Performance Object: LC:SIP - 02 – Protocol

Counter: SIP - 021 - Average Incoming Message Processing Time

Threshold: This policy has the following threshold:

- Warning: 3
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeService_ProcessorTime

The OCS_AccessEdgeService_ProcessorTime policy monitors the % Processor Time counter of the Access Edge Service.

Performance Object: Process

Instance: RTCSrv

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_IncomingRequestsDroppedPerSec

The OCS_AccessEdgeServer_IncomingRequestsDroppedPerSec policy monitors the number of incoming requests dropped per second because they could not be processed (due to bad headers, insufficient routing information, server resource allocation failure).

Performance Object: LC:SIP - 02 - Protocol

Counter: SIP - 005 - Incoming Requests Dropped/sec

Threshold: Configuration recommended

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_AccessEdgeServer_AboveLimitConnections

The OCS_AccessEdgeServer_AboveLimitConnectionsDropped policy monitors the total number of connections that were dropped because the limit on number of incoming connections from a federated partner or clearinghouse was exceeded.

Performance Object: LC:SIP - 01 - Peers

Instance: _Total

Counter: SIP - 004 - Above Limit Connections Dropped (Access Proxies only)

Threshold: When the difference between two samples is greater than:

- Warning: 1
- Critical: 2

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer

- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_IncomingMsgHeldAboveOverloadWatermark

The OCS_AccessEdgeServer_IncomingMsgHeldAboveOverloadWatermark policy monitors the number of incoming messages currently being held by the server for processing for more than the overload watermark time threshold.

Performance Object: LC:SIP - 07 - Load Management

Counter: SIP - 004 - Incoming Messages Held Above Overload Watermark

Threshold: Configuration recommended

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AccessEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDropped1

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnresolvedDomain policy monitors the number of messages dropped at the external edge per second because the domain failed to resolve by DNS SRV.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 053 - External Messages/sec Dropped Due To Unresolved Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnresolvedDomain_R2 policy monitors the number of messages dropped at the external edge per second because the domain failed to resolve by DNS SRV.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 057 - External Messages/sec Dropped Due To Unresolved Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007_R2

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToIncompMsgDomain policy monitors the number of messages dropped at the external edge per second because the federation type of the domain is incompatible with previous messages.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 061 - External Messages/sec Dropped Due To Incompatible Message Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToIncompMsgDomain policy monitors the number of messages dropped at the external edge per second because the federation type of the domain is incompatible with previous messages.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: Domain, SIP - 069 - External Messages/sec Dropped Due To Incompatible Message Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007_R2

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnauthIMDomain policy monitors the number of messages dropped at the external edge per second because the domain did not resolve by DNS SRV to the connection peer FQDN.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 057 - External Messages/sec Dropped Due To Unauthorized IM Service Provider Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDropped1

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToUnauthIMDomain_R2 policy monitors the number of messages dropped at the external edge per second because the domain did not resolve by DNS SRV to the connection peer FQDN.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 061 - External Messages/sec Dropped Due To Unauthorized IM Service Provider Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007_R2

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDroppedI

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedIMDomain policy monitors the number of messages dropped at the external edge per second because the domain resolved by DNS SRV to a server that is blocked in the IM Service Providers table.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 055 - External Messages/sec Dropped Due To Blocked IM Service Provider Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AccessEdgeServer_ExtMsgPerSecDropped1

The OCS_AccessEdgeServer_ExtMsgPerSecDroppedDueToBlockedIMDomain_R2 policy monitors the number of messages dropped at the external edge per second because the domain resolved by DNS SRV to a server that is blocked in the IM Service Providers table.

Performance Object: LC:SIP - 09 - Access Edge Server Messages

Counter: SIP - 059 - External Messages/sec Dropped Due To Blocked IM Service Provider Domain

Threshold: This policy has the following threshold:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → AccessEdgeServer → OCS2007_R2

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

ArchivingCDRServer

Deploy this policy group on Archiving and CDR server. The Archiving and CDR Server is located in the internal network. It supports archiving instant messaging (IM) conversations and group conferences and for capturing usage information related to file transfers, audio/video (A/V) conversations, application sharing, remote assistance, meetings, and conferencing servers in call detail records (CDRs).

To implement archiving and CDR support, one or more Archiving and CDR servers must be deployed in the organization and the Enterprise pool or Standard Edition Server should point to the Archiving and CDR Server. The database for the Archiving and CDR Server can be deployed on the same computer as the Archiving and CDR Server or on a separate computer.

This policy group has the following policies:

- OCS_ArchivingCDRServer_NumberOfDroppedMQMessages
- OCS_ArchivingCDRServer_NumberOfMessagesNotWrittenToDB
- OCS_ArchivingCDRServer_NumberOfValidationFailedMessages
- OCS_Check_ArchivingCDRServiceStatus
- OCS_ArchivingCDRService_Logging
- OCS_ArchivingCDRService_PageFaultsPerSec
- OCS_ArchivingCDRService_PrivateBytes
- OCS_ArchivingCDRService_ProcessorTime
- OCS_ArchivingCDRService_ThreadCount
- OCS_ArchivingCDRService_WorkingSet

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer

- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_ArchivingCDRService_Logging

The OCS_ArchivingCDRService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the counters RTCArch or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_ArchivingCDRService_Logging policy.

Instance	Performance Object
RTCArch	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_ArchivingCDRService_ThreadCount

The OCS_ArchivingCDRService_ThreadCount policy monitors the Thread Count counter of the Archiving and CDR service.

Performance Object: Process

Counter: RTCArch

Instance: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_ArchivingCDRServiceStatus

The OCS_Check_ArchivingCDRServiceStatus policy checks the status of the Archiving and CDR Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCLOG

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_ArchivingCDRServer_NumberOfMessages

The OCS_ArchivingCDRServer_NumberOfMessagesNotWrittenToDB policy monitors the number of messages that validation failed for.

Performance Object: LC:Arch Service - 01 - READ

Counter: Arch Service - 002 - Messages that failed validation

Threshold: When the difference between two samples is greater than then Critical: 1

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_ArchivingCDRService_PageFaultsPerSec

The OCS_ArchivingCDRService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Archiving and CDR service.

Performance object: Process

Instance: RTCArch

Counter: Page Faults/sec

Threshold: The policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_ArchivingCDRService_WorkingSet

The OCS_ArchivingCDRService_WorkingSet monitors the Working Set counter of the Archiving and CDR service.

Performance object: Process

Instance: RTCArch

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Performance Monitoring policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_ArchivingCDRServer_NumberOfDroppedMQMessages

The OCS_ArchivingCDRServer_NumberOfDroppedMQMessages policy monitors the number of messages dropped from MSMQ queue.

Performance object: LC:Arch Service - 01 – READ

Counter: Arch Service - 006 - Dropped messages from MQ

Threshold: When the difference between two samples is greater than then Critical: 1

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_ArchivingCDRService_ProcessorTime

The OCS_ArchivingCDRService_ProcessorTime policy monitors the % Processor Time counter of the Archiving and CDR service.

Performance object: Process

Instance: RTCArch

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_ArchivingCDRServer_NumberOfValidation

The OCS_ArchivingCDRServer_NumberOfValidationFailedMessages policy monitors the number of messages failed to be written to SQL database.

Performance object: LC:Arch Service - 02 – WRITE

Counter: Arch Service - 002 - Messages failed to be written to DB

Threshold: When the difference between two samples is greater than then Critical: 1

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_ArchivingCDRService_PrivateBytes

The OCS_ArchivingCDRService_PrivateBytes policy monitors the Private Bytes counter of the Archiving and CDR service.

Performance object: Process

Instance: RTCArch

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Performance Monitoring policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **ArchivingCDRServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

AVConfServer

Deploy this policy group on AV Conferencing server. The AV Conferencing Server is located in the internal network. It enables audio and video peer-to-peer communications and audio and video conferencing. This server role is available on a Standard Edition Server.

In an Enterprise pool, it can be either joined with the Front End Server and Web Conferencing Server or can be deployed on a separate server.

This policy group has the following policies:

- OCS_Check_AVConfServiceStatus
- OCS_AVConfServer_MCUHealthState
- OCS_AVConfServer_NumberOfActiveConferences
- OCS_AVConfService_Logging
- OCS_AVConfService_PageFaultsPerSec
- OCS_AVConfService_PrivateBytes
- OCS_AVConfService_ProcessorTime
- OCS_AVConfService_ThreadCount
- OCS_AVConfService_WorkingSet

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer

- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_PrivateBytes

The OCS_AVConfService_PrivateBytes policy monitors the Private Bytes counter of the Audio/Video Conferencing service.

Performance Object: Process

Instance: AVMCUSvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfServer_NumberOfActiveConferenc

The OCS_AVConfServer_NumberOfActiveConferences policy monitors the number of active conferences on the A/V Conferencing Server.

Performance Object: AVMCU - 00 - Operations

Counter: AVMCU - 000 - Number of Conferences

Threshold: When the difference between two samples is greater than:

- Warning: 4000
- Critical: 5000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_ProcessorTime

The OCS_AVConfService_ProcessorTime policy monitors the % Processor Time counter of the Front End service.

Performance Object: Process

Instance: AVMCUSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_WorkingSet

The OCS_AVConfService_WorkingSet policy monitors the Working Set counter of the Audio/Video Conferencing service.

Performance Object: Process

Instance: AVMCUSvc

Counter: WorkingSet

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_AVConfServiceStatus

The OCS_Check_AVConfServiceStatus policy checks the status of the Audio/Video Conferencing Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCAVMCU

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_AVConfServer_MCUHealthState

The OCS_AVConfServer_MCUHealthState policy monitors the current health of the MCU. This is considered as:

- 0 = Normal
- 1 = Loaded
- 2 = Full
- 3 = Unavailable

Performance Object: AVMCU - 04 - MCU Health And Performance

Counter: AVMCU - 005 - MCU Health State

Threshold: This policy has the following threshold:

- Warning: 1
- Critical: 2

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer

- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_ThreadCount

The OCS_AVConfService_ThreadCount policy monitors the Thread Count counter of the Audio/Video Conferencing service.

Performance Object: Process

Instance: AVMCUSvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_PageFaultsPerSec

The OCS_AVConfService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Audio/Video Conferencing service.

Performance Object: Process

Instance: AVMCUSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVConfService_Logging

The OCS_AVConfService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances AVMCUSvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AVConfEdgeService_Logging policy.

Instance	Performance Object
AVMCUSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

AVEdgeServer

Deploy this policy group on AV Edge server. The AV Edge Server is located in the perimeter network. It provides a single trusted point through which media traffic can traverse NATs and firewalls. It enables audio and video conferencing and A/V peer-to-peer communications with external users equipped with the Office Communicator 2007 client.

This server role can be either configured with the Access Edge Server and Web Conferencing Edge Server, or it can reside on a separate, dedicated server.

You can deploy the following policies on OCS 2007 and OCS 2007 R2:

- OCS_AVAuthService_PageFaultsPerSec
- OCS_AVAuthService_PrivateBytes
- OCS_AVAuthService_ProcessorTime
- OCS_AVAuthService_ThreadCount
- OCS_AVAuthService_WorkingSet
- OCS_AVAuthService_Logging
- OCS_Check_AVAuthServiceStatus
- OCS_Check_AVEdgeServiceStatus
- OCS_AVEdgeService_PageFaultsPerSec
- OCS_AVEdgeService_PrivateBytes
- OCS_AVEdgeService_ProcessorTime
- OCS_AVEdgeService_ThreadCount
- OCS_AVEdgeService_WorkingSet
- OCS_AVEdgeServer_BadRequestsReceivedPerSec
- OCS_AVEdgeServer_TCPAllocateRequestsExceedingPortLimitPerSec
- OCS_AVEdgeServer_TCPAuthenticationFailuresPerSec
- OCS_AVEdgeServer_UDPAllocateRequestsExceedingPortLimitPerSec
- OCS_AVEdgeServer_UDPAuthenticationFailuresPerSec

Deploy the following polices *only* on OCS 2007:

- OCS_AVEdgeServer_Logging
- OCS_AVEdgeServer_TCPPacketsDroppedPerSec
- OCS_AVEdgeServer_UDPActiveSessionsExceedingBandwidthLimit
- OCS_AVEdgeServer_UDPPacketsDroppedPerSec
- OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit

Deploy the following policies on OCS 2007 R2:

- OCS_AVEdgeServer_Logging_R2
- OCS_AVEdgeServer_TCPPacketsDroppedPerSec_R2
- OCS_AVEdgeServer_UDPActiveSessionsExceedingBandwidthLimit_R2
- OCS_AVEdgeServer_UDPPacketsDroppedPerSec_R2
- OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit_R2

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer

- WebEdgeServer
- Others

OCS_AVEdgeServer_UDPAllocateRequestsExceedingPortLimitPerSec

The OCS_AVEdgeServer_UDPAllocateRequestsExceedingPortLimitPerSec policy monitors the number of requests allocated over UDP that exceeded the port limit per second.

Performance Object: A/V Edge - 00 - UDP Counters

Instance: _Total

Counter: - 006 - Allocate Requests Exceeding Port Limit/Sec

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AVEdgeServer

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVAuthService_ThreadCount

The OCS_AVAuthService_ThreadCount policy monitors the Thread Count counter of the Audio/Video Authentication service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: Thread

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPAllocateRequestsExcee

The OCS_AVEdgeServer_TCPAllocateRequestsExceedingPortLimitPerSec policy monitors the number of allocated requests over TCP per second that exceeded the port limit.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 006 - Allocate Requests Exceeding Port Limit/Sec

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en →
Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007
→ AVEdgeServer

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_PrivateBytes

The OCS_AVEdgeService_PrivateBytes policy monitors the Private Bytes counter of the Audio/Video Conferencing Edge Service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_WorkingSet

The OCS_AVEdgeService_WorkingSet policy monitors the Working Set counter of the Audio/Video Conferencing Edge Service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_Logging

The OCS_AVEdgeService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances MediaRelaySvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AVEdgeService_Logging policy.

Instance	Performance Object
MediaRelaySvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVAuthService_Logging

The OCS_AVAuthService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances MRASSvc or _Total.

If a metric value is unavailable, this policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AVAuthService_Logging policy.

Instance	Performance Object
MRASSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_ThreadCount

The OCS_AVEdgeService_ThreadCount policy monitors the Thread Count counter of the Audio/Video Conferencing Edge Service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_ProcessorTime

The OCS_AVEdgeService_ProcessorTime monitors the % Processor Time counter of the Audio/Video Conferencing Edge Service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeService_PageFaultsPerSec

The OCS_AVEdgeService_PageFaultsPerSec monitors the Page Faults/sec counter of the Audio/Video Conferencing Edge Service.

Performance Object: Process

Instance: MediaRelaySvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_UDPAuthenticationFailures

The OCS_AVEdgeServer_UDPAuthenticationFailuresPerSec policy monitors the number of failed attempts to authenticate with the relay over UDP per second.

Performance Object: A/V Edge - 00 - UDP Counters

Instance: _Total

Counter: - 004 - Authentication Failures/sec

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPAuthenticationFailures

The OCS_AVEdgeServer_TCPAuthenticationFailuresPerSec policy monitors the failed attempts to authenticate with the relay over TCP per second.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 004 - Authentication Failures/sec

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_AVEdgeServiceStatus

The OCS_Check_AVEdgeServiceStatus policy checks the status of the Audio/Video Conferencing Edge Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCMEDIARELAY

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_AVAuthService_ProcessorTime

The OCS_AVAuthService_ProcessorTime policy monitors the % Processor Time counter of the Audio/Video Authentication service.

Performance Object: Process

Instance: MRASSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVAuthService_WorkingSet

The OCS_AVAuthService_WorkingSet policy monitors the Working Set counter of the Audio/Video Authentication service.

Performance Object: Process

Instance: MRASSvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVAuthService_PrivateBytes

The OCS_AVAuthService_PrivateBytes policy monitors the Private Bytes counter of the Audio/Video Authentication service.

Performance Object: Process

Instance: MRASSvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_AVAuthServiceStatus

The OCS_Check_AVAuthServiceStatus policy checks the status of the Audio/Video Authentication Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCMRAUTH

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_AVAuthService_PageFaultsPerSec

The OCS_AVAuthService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Audio/Video Authentication service.

Performance Object: Process

Instance: MRASSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_BadRequestsReceivedPerSec

The OCS_AVEdgeServer_BadRequestsReceivedPerSec policy monitors the number of invalid requests received per second.

Performance Object: A/V Auth - 00 – Requests

Counter: - 003 - Bad Requests Received/sec

Threshold: This policy has the following threshold:

- Warning: 20
- Critical: 30

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPPacketsDroppedPerSec

The OCS_AVEdgeServer_TCPPacketsDroppedPerSec policy monitors the number of packets over TCP dropped by the relay per second.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 023 - Packets Dropped/sec

Threshold: This policy has the following threshold:

- Warning: 200
- Critical: 300

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer** → **OCS2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPPacketsDroppedPerSec

The OCS_AVEdgeServer_TCPPacketsDroppedPerSec_R2 policy monitors the number of packets over TCP dropped by the relay per second.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 022 - Packets Dropped/sec

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer** → **OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_Logging

The OCS_AVEdgeServer_Logging policy logs the data into the data store (CODA / HP Performance Agent) for the instance _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

Note:

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AVEdgeService_Logging policy.

Instance Performance Object

_Total	A/V Edge - 00 - UDP Counters\ -004 - Authentication Failures/sec
	A/V Edge - 00 - UDP Counters\ - 012 - Client Request Errors/sec (4xx Responses/sec)
	A/V Edge - 00 - UDP Counters\ - 013 - Client Send Request Errors/sec
	A/V Edge - 00 - UDP Counters\ - 017 - Session Idle Timeouts/sec
	A/V Edge - 01 - TCP Counters\ -004 - Authentication Failures/sec
	A/V Edge - 01 - TCP Counters\ - 012 - Client Request Errors/sec (4xx Responses/sec)
	A/V Edge - 01 - TCP Counters\ - 014 - Client Send Request Errors/sec
	A/V Edge - 01 - TCP Counters\ - 017 - Session Idle Timeouts

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AVEdgeServer

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_Logging_R2

The OCS_AVEdgeServer_Logging_R2 policy logs the data into the data store (CODA / HP Performance Agent) for the instance `_Total`. If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

Note:

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_AVEdgeService_Logging policy.

Instance Performance Object

<code>_Total</code>	A/V Edge - 00 - UDP Counters\ -004 - Authentication Failures/sec
	A/V Edge - 00 - UDP Counters\ - 010 - Client Request Errors/sec (4xx Responses/sec)
	A/V Edge - 00 - UDP Counters\ - 012 - Client Send Request Errors/sec
	A/V Edge - 00 - UDP Counters\ - 015 - Session Idle Timeouts/sec
	A/V Edge - 01 - TCP Counters\ -004 - Authentication Failures/sec
	A/V Edge - 01 - TCP Counters\ - 011 - Client Request Errors/sec (4xx Responses/sec)
	A/V Edge - 01 - TCP Counters\ - 013 - Client Send Request Errors/sec
	A/V Edge - 01 - TCP Counters\ - 016 - Session Idle Timeouts

Schedule: This policy runs every 15 minutes.

Data Class: OCS_AVEDGE

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer**

Related Topics:

- Discovery

- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit

The OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit policy monitors the number of active relay sessions over TCP per second that are exceeding bandwidth limit.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 007 - Active Sessions Exceeding Bandwidth Limit

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en →
Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007
→ AVEdgeServer → OCS2007

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit_R2

The OCS_AVEdgeServer_TCPActiveSessionsExceedingBandwidthLimit_R2 policy monitors the number of active relay sessions over TCP per second that are exceeding bandwidth limit.

Performance Object: A/V Edge - 01 - TCP Counters

Instance: _Total

Counter: - 025 - Active Sessions Exceeding Avg Bandwidth Limit

Threshold: This policy has the following threshold:

- Warning: 10
- Critical: 20

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → AVEdgeServer → OCS2007_R2

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_UDPPacketsDroppedPerSec

The OCS_AVEdgeServer_UDPPacketsDroppedPerSec policy monitors packets over UDP dropped by the relay per second rate.

Performance Object: A/V Edge – 00 - UDP Counters

Instance: _Total

Counter: - 022 - Packets Dropped/sec

Threshold: This policy has the following threshold:

- Warning: 200
- Critical: 300

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer** → **OCS2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_AVEdgeServer_UDPPacketsDroppedPerSec

The OCS_AVEdgeServer_UDPPacketsDroppedPerSec_R2 policy monitors packets over UDP dropped by the relay per second rate.

Performance Object: A/V Edge – 00 - UDP Counters

Instance: _Total

Counter: - 021- Packets Dropped/sec

Threshold: This policy has the following threshold:

- Warning: 200
- Critical: 300

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **AVEdgeServer** → **OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

Configuration

This policy group can be deployed on all Microsoft Office Communications Server 2007 server roles.

This policy group includes OCS_CreateDataSources .

Related Topics

- [Discovery](#)
- [AccessEdgeServer](#)
- [ArchivingCDRServer](#)
- [AVConfServer](#)
- [AVEdgeServer](#)
- [Configuration](#)
- [CWAServer](#)
- [FrontEndServer](#)
- [IMConfServer](#)
- [MediationServer](#)
- [TelConfServer](#)
- [WebCompServer](#)
- [WebConfServer](#)
- [WebEdgeServer](#)
- [Others](#)

OCS_CreateDataSources

The OCS_CreateDataSources policy creates the OCS data source (CODA or HP Performance Agent) into which OCS SPI logging policies log data. Ensure to run this policy on the node before you deploy any logging policy.

Policy Type: Scheduled Task policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **Configuration**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

CWAServer

Deploy this policy group on Communicator Web Access server. The CWA server enables browser-based client access to Microsoft Office Communications Server 2007.

This group has the following policies:

- OCS_CWAServer_AuthFailuresDueToLDAPErrors
- OCS_CWAServer_FailedRequests
- OCS_CWAServer_LogonsDeniedDueToServerThrottling
- OCS_CWAServer_RequestsRejectedPerSecDueToInvalidTicket
- OCS_CWAServer_RequestsToNonExistentSessions
- OCS_CWAServer_SessionsFailedToSignIn
- OCS_CWAServer_SessionsTimedOut
- OCS_CWAServer_FormsLogonFailures
- OCS_CWAServer_IWALogonFailures
- OCS_CWAServer_LDAPErrors

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_LDAPErrors

The OCS_CWAServer_LDAPErrors policy monitors total number of LDAP errors that have occurred during Communicator Web Access directory search operations.

Performance Object: CWA - 00 - Directory Search

Instance: _Total

Counter: CWA - 003 - LDAP errors

Threshold: When the difference between two samples is greater than:

- Warning: 2
- Critical: 5

Schedule: This policy runs for 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **CWAServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_SessionsFailedToSignIn

The OCS_CWAServer_SessionsFailedToSignIn policy monitors the total number of user sessions that failed to sign in to Office Communications Server since the Communicator Web Access virtual server was started.

Performance Object: CWA - 03 - User session Service

Instance: _Total

Counter: CWA - 004 - Sessions failed to sign in

Threshold: When the difference between two samples is greater than:

- Warning: 50
- Critical: 75

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en →
Microsoft_Office_Communications_Server → **Microsoft_Office_Communications_Server_2007**
→ **CWAServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer

- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_IWALogonFailures

The OCS_CWAServer_IWALogonFailures policy monitors the total number of failed logons that used IIS authentication since the Communicator Web Access virtual server was started. The IIS authentication types used are NTLM, Kerberos, or single sign on (SSO) authentication if the Communicator Web Access server is in SSO mode.

Performance Object: CWA - 01 - Authentication Module

Instance: _Total

Counter: CWA - 007 - IWA auth logon failures

Threshold: When the difference between two samples is greater than:

- Warning: 300
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: SPI for Microsoft Enterprise Servers → en →
Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007
→ CWAServer

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer

- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_AuthFailuresDueToLDAPError

The OCS_CWAServer_AuthFailuresDueToLDAPErrors policy monitors the total number of authorizations that have failed due to LDAP errors during binds and searches since the Communicator Web Access virtual server was started.

Performance Object: CWA - 01 - Authentication Module

Instance: _Total

Counter: CWA - 012 - LDAP error total

Threshold: When the difference between two samples is greater than:

- Warning: 300
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **CWAServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer

- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_LogonsDeniedDueToServerTh

The OCS_CWAServer_LogonsDeniedDueToServerThrottling policy monitors total number of logon attempts that were not allowed due to server throttling under heavy resource consumption.

Performance Object: CWA - 01 - Authentication Module

Instance: _Total

Counter: CWA - 014 - Logons denied due to server throttling

Threshold: When the difference between two samples is greater than:

- Warning: 10
- Critical: 15

Schedule: This policy runs for every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **CWAServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_RequestsRejectedPerSecDueToInvalidTicket

The OCS_CWAServer_RequestsRejectedPerSecDueToInvalidTicket policy monitors the number of requests that were rejected per second due to an invalid ticket in the request. This problem occurs occasionally under normal circumstances, but spikes can be symptomatic of a denial of service attack or hacking attempt.

Performance Object: CWA - 02 – Security

Counter: CWA - 001 - Requests rejected due to invalid ticket / sec

Instance: _Total

Threshold: When the average between two samples is greater than

- Warning:5
- Critical:10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **Policy management → Policy groups → SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007**

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_CWAServer_FormsLogonFailures

The OCS_CWAServer_FormsLogonFailures policy monitors total number of forms logon attempts that have failed since the Communicator Web Access virtual server was started.

Performance Object: CWA - 01 - Authentication Module

Instance: _Total

Counter: CWA - 003 - Forms auth logon failures

Threshold: When the difference between two samples is greater than:

- Warning: 300
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **CWAServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_CWAServer_SessionsTimedOut

The OCS_CWAServer_SessionsTimedOut policy monitors the total number of Communicator Web Access user sessions that timed out due to communication failure with clients.

Performance Object: CWA - 03 - User session Service

Counter: CWA - 007 - Total sessions timed out

Instance: _Total

Threshold: When the difference between two samples is greater than

- Warning: 250
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en**
→ **Microsoft_Office_Communications_Server** →
Microsoft_Office_Communications_Server_2007

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_CWAServer_FailedRequests

The OCS_CWAServer_FailedRequests policy monitors the total number of requests that failed to process since the Communicator Web Access virtual server was started.

Performance Object: CWA - 03 - User session Service

Counter: CWA - 018 - Total requests failed

Instance: _Total

Threshold: When the difference between two samples is greater than

- Warning: 250
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en**
→ **Microsoft_Office_Communications_Server** →
Microsoft_Office_Communications_Server_2007

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_CWAServer_RequestsToNonExistentSessions

The OCS_CWAServer_RequestsToNonExistentSessions policy monitors the total number of requests targeting nonexistent sessions since the Communicator Web Access virtual server was started.

Performance Object: CWA - 03 - User session Service

Counter: CWA - 016 - Requests to nonexistent sessions

Instance: _Total

Threshold: When the difference between two samples is greater than

- Warning: 250
- Critical: 500

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** Critical: 500

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

FrontEnd Server

Deploy this policy group on a FrontEnd server. The FrontEnd Server is located in the internal network that hosts the IM Conferencing service, Address Book service, and Telephony Conferencing service to support registration, presence, IM, and conferencing.

This server role is available on a Standard Edition Server. In an Enterprise pool, it can either be configured with the Web Conferencing Server and A/V Conferencing Server, or can be deployed on a separate server.

The following policies can be deployed on OCS 2007 and OCS 2007 R2.

- OCS_Check_FrontEndServiceStatus
- OCS_FrontEndService_Logging
- OCS_FrontEndService_PageFaultsPerSec
- OCS_FrontEndService_PrivateBytes
- OCS_FrontEndService_ProcessorTime
- OCS_FrontEndService_ThreadCount
- OCS_FrontEndService_WorkingSet
- OCS_FrontEndServer_SendsOutstanding
- OCS_FrontEndServer_HoldingTimeForIncMsgs
- OCS_FrontEndServer_ProcessingLatency
- OCS_FrontEndServer_QueueLatency

Deploy the following policies on OCS 2007:

- OCS_FrontEndServer_Local503Responses
- OCS_FrontEndServer_Logging
- OCS_FrontEndServer_Local504Responses

Deploy the following policies on OCS 2007 R2:

- OCS_FrontEndServer_Local503Responses_R2
- OCS_FrontEndServer_Logging_R2

- [OCS_FrontEndServer_Local504Responses_R2](#)

Related Topics

- [Discovery](#)
- [AccessEdgeServer](#)
- [ArchivingCDRServer](#)
- [AVConfServer](#)
- [AVEdgeServer](#)
- [Configuration](#)
- [CWAServer](#)
- [FrontEndServer](#)
- [IMConfServer](#)
- [MediationServer](#)
- [TelConfServer](#)
- [WebCompServer](#)
- [WebConfServer](#)
- [WebEdgeServer](#)
- [Others](#)

OCS_FrontEndService_PrivateBytes

The OCS_FrontEndService_PrivateBytes policy monitors the Private Bytes counter of the Front End service.

Performance Object: Process

Instance: RTCSrv

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_HoldingTimeForIncMsgs

The OCS_FrontEndServer_HoldingTimeForIncMsgs policy monitors the average amount of time taken by the server to process a request.

Performance Object: LC:SIP - 07 - Load Management

Counter: Usvr - SIP - 000 - Average Holding Time For Incoming Messages

Threshold: When a sample is greater than:

- Warning: 4
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_QueueLatency

The OCS_FrontEndServer_QueueLatency policy monitors the amount of time (in milliseconds) that a request is spent in the back end queue

Performance Object: LC:USrv - 00 - DBStore

Counter: USrv - 002 - Queue Latency (msec)

Threshold: When a sample is greater than:

- Warning: 4000
- Critical: 6000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndService_ProcessorTime

The OCS_FrontEndService_ProcessorTime policy monitors the the % Processor Time counter of the Front End service.

Performance Object: Process

Instance: AVMCUSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_FrontEndServiceStatus

The OCS_Check_FrontEndServiceStatus policy checks the status of the Front-End Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCSrv

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_FrontEndService_Logging

The OCS_FrontEndService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances RTCSrv or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_FrontEndService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
RTCSrv	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Data Class: OCS_PROCESS

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → *en* → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- *Discovery*
- *AccessEdgeServer*
- *ArchivingCDRServer*

- *AVConfServer*
- *AVEdgeServer*
- *Configuration*
- *CWAServer*
- *FrontEndServer*
- *IMConfServer*
- *MediationServer*
- *TelConfServer*
- *WebCompServer*
- *WebConfServer*
- *WebEdgeServer*
- *Others*

OCS_FrontEndService_WorkingSet

The OCS_FrontEndService_WorkingSet policy monitors the Working Set counter of the Front End service.

Performance Object: Process

Instance: RTCSrv

Counter: WorkingSet

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndService_ThreadCount

The OCS_FrontEndService_ThreadCount policy monitors the Thread Count counter of the Front End service.

Performance Object: Process

Instance: RTCSrv

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndService_PageFaultsPerSec

The OCS_FrontEndService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Front End service.

Performance Object: Process

Instance: RTCSrv

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_ProcessingLatency

The OCS_FrontEndServer_ProcessingLatency policy monitors the amount of time (in milliseconds) that the back end spent in processing a request.

Performance Object: LC:USrv - 00 - DBStore

Counter: USrv - 004- Sproc Latency (msec)

Threshold: When a sample is greater than:

- Warning: 4000
- Critical: 6000

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_SendsOutstanding

The OCS_FrontEndServer_SendsOutstanding policy monitors the number of requests and responses that are queued outbound.

Performance Object: LC:SIP – 01 – Peers

Counter: SIP – 017 – Sends Outstanding

Threshold: When a sample is greater than:

- Warning: 100
- Critical: 200

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → FrontEndServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_Local503Responses

The OCS_FrontEndServer_Local503Responses policy monitors the number of 503 responses per second. The 503 code indicates that the server is unavailable.

Performance Object: LC:SIP - 04 - Responses

Counter: SIP - 051 - Local 503 Responses/sec

Threshold: When a sample is greater than :

- Warning: 2
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer** → **OCS2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_Local503Responses_R2

The OCS_FrontEndServer_Local503Responses_R2 policy monitors the number of 503 responses per second. The 503 code indicates that the server is unavailable.

Performance Object: LC:SIP - 04 - Responses

Counter: SIP - 055 - Local 503 Responses/sec

Threshold: When a sample is greater than :

- Warning: 2
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers → en → Microsoft_Office_Communications_Server → Microsoft_Office_Communications_Server_2007 → FrontEndServer → OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_Local504Responses

The OCS_FrontEndServer_Local504Responses policy monitors the number of 504 responses per second. The 504 code indicates connectivity problems with other servers.

Performance Object: LC:SIP - 04 - Responses

Counter: SIP - 053 - Local 504 Responses/sec

Threshold: When a sample is greater than :

- Warning: 2
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer** → **OCS2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_Local504Responses_R2

The OCS_FrontEndServer_Local504Responses_R2 policy monitors the number of 504 responses per second. The 504 code indicates connectivity problems with other servers.

Performance Object: LC:SIP - 04 - Responses

Counter: SIP - 057 - Local 504 Responses/sec

Threshold: When a sample is greater than :

- Warning: 2
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer** → **OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FrontEndServer_Logging

The OCS_FrontEndServer_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances msec or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

Note:

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_FrontEndService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
msec	LC:USrv - 00 – DBStore\Usvr - 002 - Queue Latency
	LC:USrv - 00 – DBStore\Usvr - 004 - Sproc Latency
_Total	LC:SIP - 07 - Load Management\SIP - 000 - Average Holding Time For Incoming Messages
	LC:SIP - 04 – Responses\SIP - 051 - Local 503 Responses/sec
	LC:SIP - 04 – Responses\SIP - 053 - Local 504 Responses/sec
	LC:SIP - 01 – Peers\SIP - 017 - Sends Outstanding

Data Class: OCS_FRONTEND

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → *en* → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- *Discovery*
- *AccessEdgeServer*

- *ArchivingCDRServer*
- *AVConfServer*
- *AVEdgeServer*
- *Configuration*
- *CWAServer*
- *FrontEndServer*
- *IMConfServer*
- *MediationServer*
- *TelConfServer*
- *WebCompServer*
- *WebConfServer*
- *WebEdgeServer*
- *Others*

OCS_FrontEndServer_Logging_R2

The OCS_FrontEndServer_Logging_R2 policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances msec or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_FrontEndService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
msec	LC:USrv - 00 – DBStore\Usvr - 002 - Queue Latency
	LC:USrv - 00 – DBStore\Usvr - 004 - Sproc Latency
_Total	LC:SIP - 07 - Load Management\SIP - 000 - Average Holding Time For Incoming Messages
	LC:SIP - 04 – Responses\SIP - 055 - Local 503 Responses/sec
	LC:SIP - 04 – Responses\SIP - 057 - Local 504 Responses/sec
	LC:SIP - 01 – Peers\SIP - 017 - Sends Outstanding

Data Class: OCS_FRONTEND

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → *en* → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **FrontEndServer**

Related Topics:

- *Discovery*
- *AccessEdgeServer*

- *ArchivingCDRServer*
- *AVConfServer*
- *AVEdgeServer*
- *Configuration*
- *CWAServer*
- *FrontEndServer*
- *IMConfServer*
- *MediationServer*
- *TelConfServer*
- *WebCompServer*
- *WebConfServer*
- *WebEdgeServer*
- *Others*

IMConfServer

Deploy this policy group on IM Conferencing Server. The IM Conferencing Server is an instant messaging server. It is the conferencing server of OCS 2007.

It provides server-managed group IM. It runs as a separate process on the Standard Edition Server or Enterprise pool Front End Server.

This policy group includes the following policies:

- OCS_Check_IMConfServiceStatus
- OCS_IMConfService_PageFaultsPerSec
- OCS_IMConfService_PrivateBytes
- OCS_IMConfService_ProcessorTime
- OCS_IMConfService_ThreadCount
- OCS_IMConfService_WorkingSet
- OCS_IMFConfService_Logging

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_IMConfService_ThreadCount

The OCS_IMConfService_ThreadCount policy monitors the Thread Count counter of the IM Conferencing Service.

Performance Object: Process

Instance: IMMcuSvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_IMConfService_ProcessorTime

The OCS_IMConfService_ProcessorTime policy monitors the % Processor Time counter of the IM Conferencing Service.

Performance Object: Process

Instance: IMMcuSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Performance Monitoring policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_IMConfService_WorkingSet

The OCS_IMConfService_WorkingSet policy monitors the Working Set counter of the IM Conferencing Service.

Performance Object: Process

Instance: IMMcuSvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_IMConfServiceStatus

The OCS_Check_IMConfServiceStatus policy checks the status of the IM Conferencing Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCIMMCU

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_IMFConfService_Logging

The OCS_IMFConfService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances IMMCUSvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_IMFConfEdgeService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
IMMCUSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Data Class: OCS_PROCESS

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_IMConfService_PageFaultsPerSec

The OCS_IMConfService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the IM Conferencing Service.

Performance Object: Process

Instance: IMMcuSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_IMConfService_PrivateBytes

The OCS_IMConfService_PrivateBytes policy monitors the Private Bytes counter of the IM Conferencing Service.

Performance Object: Process

Instance: IMMcuSvc

Counter: Private Bytes

Threshold: The policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **IMConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

MediationServer

Deploy this policy group on the Mediation server. The Mediation Server is located in the internal network that mediates signaling and media between the Enterprise Voice infrastructure (such as a Director or home server) and another gateway (such as a Basic Media Gateway).

A Mediation Server is also used to link Office Communications Server and a PBX in both departmental deployment and PBX integration topologies. The Mediation Server is deployed on a separate, dedicated server.

This policy group includes the following policies:

- OCS_MediationService_PageFaultsPerSec
- OCS_Check_MediationServiceStatus
- OCS_MediationService_Logging
- OCS_MediationService_PrivateBytes
- OCS_MediationService_ProcessorTime
- OCS_MediationService_ThreadCount
- OCS_MediationService_WorkingSet
- OCS_MediationServer_LoadCallFailureIndex
- OCS_MediationServer_RejectedSIPInvitesFromGateway
- OCS_MediationServer_RejectedSIPInvitesFromProxy

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer

- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationService_Logging

The OCS_MediationService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances MediationServerSvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

Note:

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_MediationService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
MediationServerSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Data Class: OCS_PROCESS

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationService_PageFaultsPerSec

The OCS_MediationService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Mediation service.

Performance Object: Process

Instance: MediationServerSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationServer_LoadCallFailureIndex

The OCS_MediationServer_LoadCallFailureIndex policy monitors scaled index between zero and 100 that is related to all call failures due to heavy load.

Performance Object: MediationServer - 03 - Health Indices

Counter: 000 - Load Call Failure Index

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationServer_RejectedSIPInvitesFromC

The OCS_MediationServer_RejectedSIPInvitesFromGateway policy monitors the number of SIP INVITES from gateway which were rejected immediately because of server load.

Performance Object: MediationServer - 01 - Inbound Calls

Counter: 003 - Total rejected

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationService_ThreadCount

The OCS_MediationService_ThreadCount policy monitors the Thread Count counter of the Mediation service.

Performance Object: Process

Instance: MediationServerSvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationService_ProcessorTime

The OCS_MediationService_ProcessorTime policy monitors the % Processor Time counter of the Mediation service.

Performance Object: Process

Counter: % Processor Time

Instance: MediationServerSvc

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Performance Monitoring policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en**
→ **Microsoft_Office_Communications_Server** →
Microsoft_Office_Communications_Server_2007

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_MediationService_PrivateBytes

The OCS_MediationService_PrivateBytes policy monitors the Private Bytes counter of the Mediation service.

Performance Object: Process

Instance: MediationServerSvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationService_WorkingSet

The OCS_MediationService_WorkingSet policy monitors the Working Set counter of the Mediation service.

Performance Object: Process

Instance: MediationServerSvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_MediationServer_RejectedSIPInvitesFromF

The OCS_MediationServer_RejectedSIPInvitesFromProxy policy monitors the number of SIP INVITEs from proxy which were rejected immediately because of server load.

Performance Object: MediationServer - 00 - Outbound Calls

Counter: 003 - Total rejected

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_MediationServiceStatus

The OCS_Check_MediationServiceStatus policy checks the status of the Mediation Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCMEDSRV

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **MediationServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

TelConfServer

Deploy this policy group on Telephony Conferencing server. The Telephony Conferencing Server is a conferencing server. It enables audio conference integration with audio conferencing providers (ACPs). This server runs as a separate process on the Standard Edition Server or Enterprise pool Front End Server.

This policy group includes the following policies:

- OCS_Check_TelConfServiceStatus
- OCS_TelConfService_Logging
- OCS_TelConfService_PageFaultsPerSec
- OCS_TelConfService_PrivateBytes
- OCS_TelConfService_ProcessorTime
- OCS_TelConfService_ThreadCount
- OCS_TelConfService_WorkingSet

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer

- WebConfServer
- WebEdgeServer
- Others

OCS_TelConfService_ThreadCount

The OCS_TelConfService_ThreadCount policy monitors the Thread Count counter of the Telephony Conferencing Service.

Performance Object: Process

Instance: AcpMcuSvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_TelConfService_Logging

The OCS_TelConfService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances AcpMcuSvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_TelConfEdgeService_Logging policy.

This policy has the following metrics:

Instance	Performance Object
AcpMcuSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Data Class: OCS_PROCESS

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_TelConfService_PrivateBytes

The OCS_TelConfService_PrivateBytes policy monitors the Private Bytes counter of the Telephony Conferencing Service.

Performance Object: Process

Instance: AcpMcuSvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_TelConfServiceStatus

The OCS_Check_TelConfServiceStatus policy checks the status of the Telephony Conferencing Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCACPMCU

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_TelConfService_PageFaultsPerSec

The OCS_TelConfService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Telephony Conferencing Service.

Performance Object: Process

Instance: AcpMcuSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_TelConfService_WorkingSet

The OCS_TelConfService_WorkingSet monitors the Working Set counter of the Telephony Conferencing Service.

Performance Object: Process

Instance: AcpMcuSvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_TelConfService_ProcessorTime

The OCS_TelConfService_ProcessorTime policy monitors the Percentage Processor Time counter of the Telephony Conferencing Service.

Performance Object: Process

Instance: AcpMcuSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **TelConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

WebCompServer

Deploy this policy group on Web Components Server. The Web Components Server is located in the internal network. It provides IIS-based Web components that support Office Communications Server 2007.

These Web components include IIS Virtual Directory setup to support Address Book Server, the Web Conferencing Server (downloading of meeting content), and the IM Conferencing group expansion Web service. The Web Components Server runs on each Standard Edition Server and, for Enterprise pools, either on the Front End Server (in a consolidated configuration) or on a dedicated IIS server (in an expanded configuration).

The policies of this group must be deployed either on OCS 2007 or OCS 2007_R2.

Deploy the following policies on OCS 2007:

- OCS_WebCompServer_InvalidInputRequestsPerSec
- OCS_WebCompServer_TimedOutSecurityDescRequestsPerSec

Deploy the following policies on OCS_R2:

- OCS_WebCompServer_InvalidInputRequestsPerSec_R2
- OCS_WebCompServer_TimedOutSecurityDescRequestsPerSec_R2

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer

- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebCompServer_InvalidInputRequestsPer

The OCS_WebCompServer_InvalidInputRequestsPerSec policy monitors the number of invalid input requests per second.

Performance Object: LC:DLX - 00 - Distribution List Expansion

Counter: DLX - 016 - Invalid input requests/sec

Threshold: When a sample is greater than:

- Warning: 1
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebCompServer** → **OCS2007**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebCompServer_InvalidInputRequestsPer

The OCS_WebCompServer_InvalidInputRequestsPerSec_R2 policy monitors the number of invalid input requests per second.

Performance Object: LC:DLX - 00 - Address Book and Distribution List Expansion

Counter: DLX - 016 - Invalid input requests/sec

Threshold: This policy has the following threshold:

- Warning: 1
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebCompServer** → **OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebCompServer_TimedOutSecurityDescR

The OCS_WebCompServer_TimedOutSecurityDescRequestsPerSec policy monitors the number of timed out Security Descriptor fetch requests per second.

Performance Object: LC:DLX - 00 - Distribution List Expansion

Counter: DLX - 018 - Timed out Requests that fetch Security Descriptors/sec

Threshold: When the sample is greater than:

- Warning: 1
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebCompServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebCompServer_TimedOutSecurityDescR

The OCS_WebCompServer_TimedOutSecurityDescRequestsPerSec_R2 policy monitors the number of timed out Security Descriptor fetch requests per second.

Performance Object: LC:DLX - 00 - Address Book and Distribution List Expansion

Counter: DLX - 018 - Timed out Requests that fetch Security Descriptors/sec

Threshold: When the sample is greater than:

- Warning: 1
- Critical: 5

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebCompServer** → **OCS2007_R2**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

WebConfServer

Deploy this policy group on Web Conferencing server. The Web Conferencing Server is located in the internal network that enables multi-party data collaboration. This server role is available on a Standard Edition Server.

In an Enterprise pool, it can be either configured with the Front End Server and A/V Conferencing Server, or can be deployed on a separate server.

This policy group includes the following policies:

- OCS_Check_WebConfServiceStatus
- OCS_WebConfServer_ComplianceErrors
- OCS_WebConfServer_MCUHealthState
- OCS_WebConfServer_NumberOfUnhandledAppExceptions
- OCS_WebConfServer_ResourcesOverConfSpaceLimit
- OCS_WebConfServer_SessionQueuesState
- OCS_WebConfService_Logging
- OCS_WebConfService_PageFaultsPerSec
- OCS_WebConfService_PrivateBytes
- OCS_WebConfService_ProcessorTime
- OCS_WebConfService_ThreadCount
- OCS_WebConfService_WorkingSet

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer

- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfService_ProcessorTime

The OCS_WebConfService_ProcessorTime policy monitors the % Processor Time counter of the Web Conferencing Service.

Performance Object: Process

Instance: DataMCUSvc

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → Microsoft_Office_Communications_Server_2007 → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfService_ThreadCount

The OCS_WebConfService_ThreadCount policy monitors the Thread Count counter of the Web Conferencing Service.

Performance Object: Process

Instance: DataMCUSvc

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfServer_ResourcesOverConfSpace]

The OCS_WebConfServer_ResourcesOverConfSpaceLimit policy monitors the number of resource failed to be created because the Data MCU has reached the space limit for one or more conferences.

Performance Object: LC:DATAMCU - 00 - DataMCU Conferences

Counter: DATAMCU - 031 - Resources over conference space limit

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy type: Measurement Threshold policy

Policy group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfService_WorkingSet

The OCS_WebConfService_WorkingSet policy monitors the Working Set counter of the Web Conferencing Service.

Performance Object: Process

Instance: DataMCUSvc

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfService_PageFaultsPerSec

The OCS_WebConfService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Web Conferencing Service.

Performance Object: Process

Instance: DataMCUSvc

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_WebConfServiceStatus

The OCS_Check_WebConfServiceStatus policy checks the status of the Web Conferencing Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCDATAMCU

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_WebConfServer_MCUHealthState

The OCS_WebConfServer_MCUHealthState policy monitors the the current health of the MCU. It indicates 0 as Normal, 1 as Loaded, 2 as Full, and 3 as Unavailable.

Performance Object: LC:DATAMCU - 02 - MCU Health And Performance

Counter: DATAMCU - 005 - MCU Health State

Threshold: When the difference between two samples is greater than:

- Warning: 1
- Critical: 2

Schedule: This policy runs every 15 minutes.

Policy type: Measurement Threshold policy

Policy group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfService_Logging

The OCS_WebConfService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the counters DataMCUSvc or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_WebConfEdgeService_Logging policy.

Instance	Performance Object
DataMCUSvc	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **Policy management** → **Policy groups** → **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **WebConfServer**

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_WebConfServer_SessionQueuesState

The OCS_WebConfServer_SessionQueuesState policy monitors the state of the session queues.

Performance Object	LC:DATAMCU - 00 - DataMCU Conferences
Instance	N/A
Counter	DATAMCU - 041 - Session queues state
Interval	15 min
Threshold	When the difference between two samples is greater than Warning: 1 Critical: 2
Warning/Error Instruction Text	Probable Cause(s): When the Data MCU cannot handle the load capacity. Suggested Action(s): This should be a temporary condition. If this condition persists, increase the load capacity of the Data MCU by provisioning more Data MCU machines.

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_WebConfServer_ComplianceErrors

The OCS_WebConfServer_ComplianceErrors policy monitors the number of errors reported by the compliance module.

Performance Object: LC:DATAMCU - 00 - DataMCU Conferences

Counter: DATAMCU - 026 - Compliance errors

Threshold: When the difference between two samples is greater than:

- Warning: 5
- Critical: 10

Schedule: This policy runs every 15 minutes.

Policy type: Measurement Threshold policy

Policy group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebConfServer_NumberOfUnhandledApp

The OCS_WebConfServer_NumberOfUnhandledAppExceptions policy monitors the number of unhandled application exceptions.

Performance Object	LC:DATAMCU - 00 - DataMCU Conferences
Instance	N/A
Counter	DATAMCU - 038 - Number of Unhandled Application Exception
Interval	15 min
Threshold	When the difference between two samples is greater than Warning: 5 Critical: 10

Related Topics:

- Descriptions of Policy Groups & Types
- Policy Group Catalog
- Discovery Policies

OCS_WebConfService_PrivateBytes

The OCS_WebConfService_PrivateBytes policy monitors the Private Bytes counter of the Web Conferencing Service.

Performance Object: Process

Instance: DataMCUSvc

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebConfServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

WebEdgeServer

Deploy this policy group on WebEdge server. The WebEdge Server is located in the perimeter network. It enables data collaboration with external users.

This server role is collocated with the Access Edge Server, except in remote offices, where the Web Conferencing Edge Server is deployed separately because no Access Edge Servers are deployed in the remote office.

This policy group has the following policies:

- OCS_Check_WebEdgeServiceStatus
- OCS_WebEdgeService_PageFaultsPerSec
- OCS_WebEdgeService_PrivateBytes
- OCS_WebEdgeService_ProcessorTime
- OCS_WebEdgeService_ThreadCount
- OCS_WebEdgeService_WorkingSet
- OCS_WebEdgeService_Logging
- OCS_WebEdgeServer_ClientsDisconPerSecInvalidCookieData
- OCS_WebEdgeServer_ClientsDisconPerSecInvalidCookieTimestamp
- OCS_WebEdgeServer_SystemThrottling
- OCS_WebEdgeServer_ThrottledServerConnections

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration

- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeService_PageFaultsPerSec

The OCS_WebEdgeService_PageFaultsPerSec policy monitors the Page Faults/sec counter of the Web Conferencing Edge Service.

Performance Object: Process

Instance: DataProxy

Counter: Page Faults/sec

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeServer_ClientsDisconPerSecInvalid

The OCS_WebEdgeServer_ClientsDisconPerSecInvalidCookieData policy monitors the number of clients disconnected per second due to invalid cookie data.

Performance Object: LC:DATAPROXY - 01 - Client Connections

Counter: DATAPROXY - 012 - Clients disconnected per second due to invalid cookie data

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeServer_ClientsDisconPerSecInvalid

The OCS_WebEdgeServer_ClientsDisconPerSecInvalidCookieTimestamp policy monitors the number of clients rejected per second due to invalid timestamps.

Performance Object: LC:DATAPROXY - 01 - Client Connections

Counter: DATAPROXY - 008 - Clients disconnected per second due to invalid cookie timestamp

Threshold: This policy has the following threshold:

- Warning: 50
- Critical: 100

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeService_WorkingSet

The OCS_WebEdgeService_WorkingSet policy monitors the Working Set counter of the Web Conferencing Edge Service.

Performance Object: Process

Instance: DataProxy

Counter: Working Set

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeService_PrivateBytes

The OCS_WebEdgeService_PrivateBytes policy monitors the Private Bytes counter of the Web Conferencing Edge Service.

Performance Object: Process

Instance: DataProxy

Counter: Private Bytes

Threshold: This policy has the following threshold:

- Warning: 1.5e+007
- Critical: 2e+007

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_Check_WebEdgeServiceStatus

The OCS_Check_WebEdgeServiceStatus policy checks the status of the Web Conferencing Edge Service and sends a critical message if the service is not running. When you receive the critical message, click the message, and then click the **Commands** tab in Message Properties box. Click **Start** in the Operator Initiated box to restart the service.

Monitored service: RTCDATAPROXY

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer

- Others

OCS_WebEdgeService_ProcessorTime

The OCS_WebEdgeService_ProcessorTime policy monitors the % Processor Time counter of the Web Conferencing Edge Service.

Performance Object: Process

Instance: DataProxy

Counter: % Processor Time

Threshold: This policy has the following threshold:

- Warning: 80
- Critical: 90

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeServer_SystemThrottling

The OCS_WebEdgeServer_SystemThrottling policy indicates that system wide throttling is on.

Performance Object: LC:DATAPROXY - 00 - Server Connections

Instance: _Total

Counter: DATAPROXY - 041 - System is throttling

Threshold: When the difference between two samples is greater than:

- Warning: 1
- Critical: 2

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeService_Logging

The OCS_WebEdgeService_Logging policy logs the following metrics into the data store (CODA or HP Performance Agent) for the instances DataProxy or _Total.

If a metric value is unavailable, the policy logs zero (for real or integer metrics) or an empty string (for string-valued metrics).

 **Note:**

Ensure that the OCS_CreateDataSources policy is running before you deploy the OCS_WebEdgeService_Logging policy.

Instance	Performance Object
DataProxy	Process\Working Set
	Process\Page Faults/sec
	Process\Private Bytes
	Process\Thread Count
	Process\% Processor Time
_Total	Processor\% Processor Time

Schedule: This policy runs every 15 minutes.

Data Class: OCS_PROCESS

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → **en** → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer

- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeService_ThreadCount

The OCS_WebEdgeService_ThreadCount policy monitors the Thread Count counter of the Web Conferencing Edge Service.

Performance Object: Process

Instance: DataProxy

Counter: Thread Count

Threshold: This policy has the following threshold:

- Warning: 100
- Critical: 150

Schedule: This policy runs every 5 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_WebEdgeServer_ThrottledServerConnections

The OCS_WebEdgeServer_ThrottledServerConnections policy monitors the number of server connections currently that are throttled.

Performance Object: LC:DATAPROXY - 00 - Server Connections

Instance: _Total

Counter: DATAPROXY - 034 - Current count of server connections that are throttled

Threshold: When the difference between two samples is greater than:

- Warning: 1
- Critical: 2

Schedule: This policy runs every 15 minutes.

Policy Type: Measurement Threshold policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en → **Microsoft_Office_Communications_Server** → **Microsoft_Office_Communications_Server_2007** → **WebEdgeServer**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer

- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

Others

This policy group can be deployed on all Microsoft Office Communications Server 2007 server roles.

This policy group includes the following policies:

- OCS_FwdApplicationError
- OCS_FwdApplicationInformation
- OCS_FwdApplicationWarning

Related Topics

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer
- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FwdApplicationError

The OCS_FwdApplicationError policy forwards all error messages logged in Windows Event Log by the following sources to the management console:

- OCS Server
- OCS Audio-Video Conferencing Server
- OCS Communicator Web Access Session Service
- OCS Data MCU
- OCS IM MCU
- OCS Intelligent IM Filter
- OCS MCU Infrastructure
- OCS Mediation Server
- OCS Protocol Stack
- OCS QoE Monitoring Server
- OCS User Replication
- OCS User Services
- OCS WMI Event Provider
- OCS ACP MCU
- OCS Address Book Server
- OCS Applications Module
- OCS AppDomain Host Process
- OCS Archiving Agent
- OCS Certificate Manager
- OCS Exchange Unified Message Routing<
- OCS Inbound Routing
- OCS MCU Factory

- OCS MCU Infrastructure
- OCS Outbound Routing
- OCS Translation Service
- OCS User Replicator
- OCS User Services
- OCS WMI Consumer
- OCS WMI Provider
- OCS Mediation Server
- OCS Distribution List Expansion Web Service
- OCS Web Conferencing Edge Server
- OCS LDM

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en →
Microsoft_Office_Communications_Server → **Microsoft_Office_Communications_Server_2007**
→ **Others**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FwdApplicationInformation

The OCS_FwdApplicationInformation policy forwards all informational messages logged in Windows Event Log by the following sources to the management console:

- OCS Server
- OCS Audio-Video Conferencing Server
- OCS Communicator Web Access Session Service
- OCS Data MCU
- OCS IM MCU
- OCS Intelligent IM Filter
- OCS MCU Infrastructure
- OCS Mediation Server
- OCS Protocol Stack
- OCS QoE Monitoring Server
- OCS User Replication
- OCS User Services
- OCS WMI Event Provider
- OCS ACP MCU
- OCS Address Book Server
- OCS Applications Module
- OCS AppDomain Host Process
- OCS Archiving Agent
- OCS Certificate Manager
- OCS Exchange Unified Message Routing<
- OCS Inbound Routing
- OCS MCU Factory

- OCS MCU Infrastructure
- OCS Outbound Routing
- OCS Translation Service
- OCS User Replicator
- OCS User Services
- OCS WMI Consumer
- OCS WMI Provider
- OCS Mediation Server
- OCS Distribution List Expansion Web Service
- OCS Web Conferencing Edge Server
- OCS LDM

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en →
Microsoft_Office_Communications_Server → **Microsoft_Office_Communications_Server_2007**
→ **Others**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

OCS_FwdApplicationWarning

The OCS_FwdApplicationWarning policy forwards all warning messages logged in Windows Event Log by the following sources to the management console:

- OCS Server
- OCS Audio-Video Conferencing Server
- OCS Communicator Web Access Session Service
- OCS Data MCU
- OCS IM MCU
- OCS Intelligent IM Filter
- OCS MCU Infrastructure
- OCS Mediation Server
- OCS Protocol Stack
- OCS QoE Monitoring Server
- OCS User Replication
- OCS User Services
- OCS WMI Event Provider
- OCS ACP MCU
- OCS Address Book Server
- OCS Applications Module
- OCS AppDomain Host Process
- OCS Archiving Agent
- OCS Certificate Manager
- OCS Exchange Unified Message Routing<
- OCS Inbound Routing
- OCS MCU Factory

- OCS MCU Infrastructure
- OCS Outbound Routing
- OCS Translation Service
- OCS User Replicator
- OCS User Services
- OCS WMI Consumer
- OCS WMI Provider
- OCS Mediation Server
- OCS Distribution List Expansion Web Service
- OCS Web Conferencing Edge Server
- OCS LDM

Policy Type: Windows Event Log policy

Policy Group: **SPI for Microsoft Enterprise Servers** → en →
Microsoft_Office_Communications_Server → **Microsoft_Office_Communications_Server_2007**
→ **Others**

Related Topics:

- Discovery
- AccessEdgeServer
- ArchivingCDRServer
- AVConfServer
- AVEdgeServer
- Configuration
- CWAServer
- FrontEndServer
- IMConfServer
- MediationServer
- TelConfServer

- WebCompServer
- WebConfServer
- WebEdgeServer
- Others

Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 Reports

The Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 have the following reports:

Front End Service CPU Statistics

The Front End Service CPU Statistics report shows CPU statistics of the front end service compared with overall CPU statistics of the system, in graphical and tabular format. The summarized process statistics include the percentage of CPU time used by the front end service compared with the percentage of time the system's CPU was busy.

IM Conferencing Service CPU Statistics

The IM Conferencing Service CPU Statistics report shows CPU statistics of the IM conferencing service compared with overall CPU statistics of the system, in graphical and tabular format. The summarized process statistics include the percentage of CPU time used by the IM conferencing compared with the percentage of time the system's CPU was busy.

Access Edge Service CPU Statistics

The Access Edge Service CPU Statistics report shows CPU statistics of the access edge service compared with overall CPU statistics of the system, in graphical and tabular format. The summarized process statistics include the percentage of CPU time used by the access edge compared with the percentage of time the system's CPU was busy.

Front End Service Memory Statistics

The Front End Service Memory Statistics report shows summary memory statistics of the front end service in graphical and tabular format. The summarized process statistics include the page faults per second, private bytes, and working set used by the front end service.

IM Conferencing Service Memory Statistics

The IM Conferencing Service Memory Statistics report shows summary memory statistics of the IM conferencing service in graphical and tabular format. The summarized process statistics include the page faults per second, private bytes, and working set used by the IM conferencing service.

Access Edge Service Memory Statistics

The Access Edge Service Memory Statistics report shows summary memory statistics of the access edge service in graphical and tabular format. The summarized process statistics include the page faults per second, private bytes, and working set used by the access edge service.

SQL Back End Latency Experienced By Front End Server

The SQL Back End Latency Experienced By Front End Server report shows the amount of time that a request spent in the queue to the SQL back end and the amount of time taken by the back end to process in graphical (line graph) and tabular format. If either the queue latency or processing latency is high, the front end will start throttling requests to the back end.

Average Holding Time for Incoming Messages on Front End Server

The Average Holding Time for Incoming Messages on Front End Server report shows the average holding time for incoming messages on the front end server in graphical (line graph) and tabular format. A high value indicates that the front end server is overloaded and unable to process the requests on time.

Front End Server Availability and Connectivity

The Front End Server Availability and Connectivity report shows the Local 503 Responses/sec and the Local 504 Responses/sec on the front end server in graphical (line graph) and tabular format. The 503 code indicates that the server is unavailable while the 504 code indicates that there are connectivity problems with other servers.

Sends Outstanding on Front End Server

The Sends Outstanding on Front End Server report shows the Sends Outstanding on the front end server in graphical (line graph) and tabular format. A high value means that a large number of requests and responses are queued outbound and this could be due to network latency issues or a problem with a remote server.

Average Incoming Message Processing Time on Access Edge Server

The Average Incoming Message Processing Time on Access Edge Server report needs to depict the average incoming message processing time on the access edge server in graphical (line graph) and tabular format. High values indicate that the access edge server is overloaded and unable to process the requests on time.

Client Request Errors and Timed Out Sessions over UDP on Audio/Video Edge Server

The Client Request Errors and Timed Out Sessions over UDP on Audio/Video Edge Server report shows the client request errors/sec, client send request errors/sec and the idle sessions timed-out/sec over UDP on the Audio/Video Edge Server in graphical and tabular format. High values of client request errors/sec and client send request errors/sec can indicate network latency issues. If a large number of sessions time out per second, then you may need to increase the session idle timeout parameter.

Client Request Errors and Timed Out Sessions over TCP on Audio/Video Edge Server

The Client Request Errors and Timed Out Sessions over TCP on Audio/Video Edge Server report shows the client requests errors/sec, client send request errors/sec and the idle sessions timed-out/sec over TCP on the Audio/Video Edge Server in graphical and tabular format. High values of client request errors/sec and client send request errors/sec can indicate network latency issues. If a large number of sessions time out per second, then you may need to increase the session idle timeout parameter.

Related Topics

- [Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 Graphs](#)
- [Microsoft Enterprise Servers SPI Microsoft Office COmmunications Server Server 2007 Policies](#)
- [Data Store Table for Microsoft Enterprise Server](#)

Data Store Table for Microsoft Enterprise Server

The Microsoft Enterprise SPI creates the following data tables for Microsoft Exchange Server 2007 metrics in store on the node to facilitate the data-collection procedure.

Data Store Details

Report Name	Report Table	Report Table Attributes	Data Store Class
g_Front End Service CPU Statistics.rpt Policy logging data: OCS_FrontEndService_Logging	OCS_PROCESS	PCTPROCESSORTIME	OCS_PRO
		THREADCOUNT	
		SYSPCTPROCESSORTIME	
g_IM Conferencing Service CPU Statistics.rpt Policy logging data: OCS_IMConfService_Logging	OCS_PROCESS	PCTPROCESSORTIME	OCS_PRO
		THREADCOUNT	
		SYSPCTPROCESSORTIME	
g_Access Edge Service CPU Statistics.rpt Policy logging data: OCS_AccessEdgeService_Logging	OCS_PROCESS	PCTPROCESSORTIME	OCS_PRO
		THREADCOUNT	
		SYSPCTPROCESSORTIME	
g_Front End Service Memory Statistics.rpt Policy logging data: OCS_FrontEndService_Logging	OCS_PROCESS	PAGEFAULTS	OCS_PRO
		WORKINGSET	
		PRIVATEBYTES	
g_IM Conferencing Service Memory Statistics.rpt	OCS_PROCESS	PAGEFAULTS	OCS_PRO

Policy logging data: OCS_IMConfService_Logging		WORKINGSET	
g_Access Edge Service Memory Statistics.rpt	OCS_PROCESS	PRIVATEBYTES	OCS_PRO
Policy logging data: OCS_AccessEdgeService_Logging		PAGEFAULTS	OCS_PRO
g_SQL Back End Latency.rpt	OCS_FRONTEND	WORKINGSET	OCS_PRO
Policy logging data: OCS_FrontEndServer_Logging		PRIVATEBYTES	OCS_PRO
g_SQL Back End Latency.rpt	OCS_FRONTEND	QUEUELATENCY	OCS_FRC
Policy logging data: OCS_FrontEndServer_Logging		SPROCLATENCY	OCS_FRC
g_Average Holding Time for Incoming Messages on Front End Server.rpt	OCS_FRONTEND	HOLDINGTIMEFORINCMMSG	OCS_FRC
Policy logging data: OCS_FrontEndServer_Logging		HOLDINGTIMEFORINCMMSG	OCS_FRC
g_Front End Server Availability and Connectivity.rpt	OCS_FRONTEND	LOCAL503RESPONSES	OCS_FRC
Policy logging data: OCS_FrontEndServer_Logging		LOCAL504RESPONSES	OCS_FRC
g_Sends Outstanding on Front End Server.rpt	OCS_FRONTEND	SENDSOUTSTANDING	OCS_FRC
Policy logging data: OCS_FrontEndServer_Logging		SENDSOUTSTANDING	OCS_FRC
g_Average Incoming Message Processing Time on Access Edge Server.rpt	OCS_ACCESEEDGE	AVINCMMSGPROCTIME	OCS_ACC

Policy logging data: OCS_AccessEdgeServer_Logging			
g_UDP Client Request Errors and Timed Out Sessions on Audio/Video Edge Server.rpt	OCS_AVEDGE	UDPCLIENTREQERR	OCS_AVE
		UDPCLIENTSENDERR	
		UDPSESSIONTIMEOUTS	
g_TCP Client Request Errors and Timed Out Sessions on Audio/Video Edge Server.rpt	OCS_AVEDGE	TCPCLIENTREQERR	OCS_AVE
		TCPCLIENTSENDERR	
		TCPSESSIONTIMEOUTS	
Policy logging data: OCS_AVEdgeServer_Logging			

Related Topics

- [Data Store for Graphs](#)
- [Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 Reports](#)

Microsoft Office Communications Server 2007 SPI Graphs

The graphs are pictorial representation of the various metrics. Graphs contain data that are collected by policies.

The Microsoft Office Communications Server 2007 SPI graphs are as follows:

Front End Service CPU statistics

The Front End Service CPU statistics graph shows the CPU statistics of the Front End service compared with overall CPU statistics of the system. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the Front End service is utilizing the processor time.

This graph uses the data collected by the OCS_FrontEndService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Web Conferencing Service CPU statistics

The Web Conferencing Service CPU statistics graph shows the CPU statistics of the web conferencing service compared with overall CPU statistics of the system. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the web conferencing service is utilizing the processor time.

This graph uses the data collected by the OCS_WebConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

IM Conferencing Service CPU statistics

The IM Conferencing Service CPU statistics graph shows the CPU statistics of the IM conferencing service compared with overall CPU statistics of the system. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the IM conferencing service is utilizing the processor time.

This graph uses the data collected by the OCS_IMConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Telephony Conferencing Service CPU statistics

The Telephony Conferencing Service CPU statistics graph shows the CPU statistics of the telephony conferencing service compared with overall CPU statistics of the system. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the telephony conferencing service is utilizing the processor time.

This graph uses the data collected by the OCS_TelConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Conferencing Service CPU statistics

The Audio/Video Conferencing Service CPU statistics graph shows the CPU statistics of the audio/video conferencing service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the audio/video conferencing service is utilizing the processor time.

This graph uses the data collected by the OCS_AVConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Access Edge Service CPU statistics

The Access Edge Service CPU statistics graph shows the CPU statistics of the access edge service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the access edge service is utilizing the processor time.

This graph uses the data collected by the OCS_AccessEdgeService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Edge Service CPU statistics

The Audio/Video Edge Service CPU statistics graph shows the CPU statistics of the audio/video edge service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the audio/video edge service is utilizing the processor time.

This graph uses the data collected by the OCS_AVEdgeService_Logging policy. In the data store of the

node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Authentication Service CPU statistics

The Audio/Video Authentication Service CPU statistics graph shows the CPU statistics of the audio/video authentication service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the audio/video authentication service is utilizing the processor time.

This graph uses the data collected by the OCS_AVAuthService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Web Conferencing Edge Service CPU statistics

The Web Conferencing Edge Service CPU statistics graph shows the CPU statistics of the web conferencing edge service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the web conferencing edge service is utilizing the processor time.

This graph uses the data collected by the OCS_WebEdgeService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Archiving and CDR Service CPU statistics

The Archiving and CDR Service CPU statistics graph shows the CPU statistics of the Archiving and CDR service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the Archiving and CDR service is utilizing the processor time.

This graph uses the data collected by the OCS_ArchivingCDRService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Mediation Service CPU statistics

The Mediation Service CPU statistics graph shows the CPU statistics of the mediation service compared with overall CPU statistics of the system, in graphical format. The summarized process statistics include the percentage of CPU time used by the service compared with the percentage of time the system's CPU was busy. The graph helps you to determine to what extent the mediation service is utilizing the processor time.

This graph uses the data collected by the OCS_MediationService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Front End Service Memory Statistics

The Front End Service Memory Statistics graph shows the memory statistics of the front end service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the front end service.

This graph uses the data collected by the OCS_FrontEndService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Web Conferencing Service Memory Statistics

The Web Conferencing Service Memory Statistics graph shows the memory statistics of the web conferencing service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the web conferencing service.

This graph uses the data collected by the OCS_WebConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

IM Conferencing Service Memory Statistics

The IM Conferencing Service Memory Statistics graph shows the memory statistics of the IM conferencing service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the web conferencing service.

This graph uses the data collected by the OCS_IMConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Telephony Conferencing Service Memory Statistics

The Telephony Conferencing Service Memory Statistics graph shows the memory statistics of the telephony conferencing service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the telephony conferencing service.

This graph uses the data collected by the OCS_TelConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Conferencing Service Memory Statistics

The Audio/Video Conferencing Service Memory Statistics graph shows the memory statistics of the

audio/video conferencing service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the audio/video conferencing service.

This graph uses the data collected by the OCS_AVConfService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Access Edge Service Memory Statistics

The Access Edge Service Memory Statistics graph shows the memory statistics of the access edge service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the access edge service.

This graph uses the data collected by the OCS_AccessEdgeService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Edge Service Memory Statistics

The Audio/Video Edge Service Memory Statistics graph shows the memory statistics of the audio/video edge service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the audio/video edge service.

This graph uses the data collected by the OCS_AVEdgeService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Audio/Video Authentication Service Memory Statistics

The Audio/Video Authentication Service Memory Statistics graph shows the memory statistics of the audio/video authentication service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the audio/video authentication service.

This graph uses the data collected by the OCS_AVAuthService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Web Conferencing Edge Service Memory Statistics

The Web Conferencing Edge Service Memory Statistics graph shows the memory statistics of the web conferencing edge service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the web conferencing edge service.

This graph uses the data collected by the OCS_WebEdgeService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Archiving and CDR Service Memory Statistics

The Archiving and CDR Service Memory Statistics graph shows the memory statistics of the Archiving and CDR service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the Archiving and CDR service.

This graph uses the data collected by the OCS_ArchivingCDRService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Mediation Service Memory Statistics

The Mediation Service Memory Statistics graph shows the memory statistics of the mediation service in graphical format. The summarized process statistics include the page faults per second, private bytes, and working set used by the mediation service.

This graph uses the data collected by the OCS_MediationService_Logging policy. In the data store of the node, the OCS_PROCESS table is used to construct this graph.

Authentication failures/sec on Audio/Video Edge Server

The Authentication failures/sec on Audio/Video Edge Server graph shows the authentication failures per sec over UDP and TCP on the A/V Edge Server

This graph uses the data collected by the OCS_AVEdgeServer_Logging policy. In the data store of the node, the OCS_AVEDGE table is used to construct this graph.

SQL Back End Latency Experienced By Front End Server

The SQL Back End Latency Experienced By Front End Server graph shows the amount of time that a request spent in the queue to the SQL back end and the time taken by the SQL backend to process a request. . If either the queue latency or processing latency is high, the front end will start throttling requests to the back end.

This graph uses the data collected by the OCS_FrontEndServer_Logging policy. In the data store of the node, the OCS_FRONTEND table is used to construct this graph.

Average Holding Time for Incoming Messages on Front End Server

The Average Holding Time for Incoming Messages on Front End Server graph shows the average holding time for incoming messages on the front end server. A high value indicates that the front end server is overloaded and unable to process the requests on time.

This graph uses the data collected by the OCS_FrontEndServer_Logging policy. In the data store of the node, the OCS_FRONTEND table is used to construct this graph.

Front End Server Availability and Connectivity

The Front End Server Availability and Connectivity graph shows the Local 503 Responses/sec on the front end server. The 503 code indicates that the server is unavailable while the 504 code indicates connectivity problems with other servers.

This graph uses the data collected by the OCS_FrontEndServer_Logging policy. In the data store of the node, the OCS_FRONTEND table is used to construct this graph.

Sends Outstanding on Front End Server

The Sends Outstanding on Front End Server graph shows the Sends Outstanding on the front end server. A high value means that a large number of requests and responses are queued outbound and could be due to network latency issues or a problem with a remote server.

This graph uses the data collected by the OCS_FrontEndServer_Logging policy. In the data store of the node, the OCS_FRONTEND table is used to construct this graph.

Average Incoming Message Processing Time on Access Edge Server

The Average Incoming Message Processing Time on Access Edge Server graph shows the Average Incoming Message Processing Time on the Access Edge Server. High values indicate that the Access Edge Server is overloaded and unable to process the requests on time.

This graph uses the data collected by the OCS_AccessEdgeServer_Logging policy. In the data store of the node, the OCS_ACCESEEDGE table is used to construct this graph.

Client Request Errors and Timed Out Sessions over UDP on Audio/Video Edge Server

The Client Request Errors and Timed Out Sessions over UDP on Audio/Video Edge Server graph shows the client requests errors/sec, client send request errors/sec and the idle sessions timed-out/sec over UDP on the Audio/Video Edge Server. High values of client request errors/sec and client send request errors/sec can indicate network latency issues. If a large number of sessions time out per second, then you can increase the session idle timeout parameter.

This graph uses the data collected by the OCS_AVEdgeServer_Logging policy. In the data store of the node, the OCS_AVEDGE table is used to construct this graph.

Client Request Errors and Timed Out Sessions over TCP on Audio/Video Edge Server

The Client Request Errors and Timed Out Sessions over TCP on Audio/Video Edge Server graph shows the client requests errors/sec, client send request errors/sec and the idle sessions timed-out/sec over TCP on the Audio/Video Edge Server. High values of client request errors/sec and client send request errors/sec can indicate network latency issues. If a large number of sessions time out per second, then you can increase the session idle timeout parameter.

This graph uses the data collected by the OCS_AVEdgeServer_Logging policy. In the data store of the node, the OCS_AVEDGE table is used to construct this graph.

Related Topics

- [Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 Reports](#)
- [Microsoft Enterprise Servers SPI Microsoft Office Communications Server Server 2007 Policies](#)
- [Data Store Table for Microsoft Enterprise Server](#)

Data Store Table for Microsoft Enterprise Server

The Microsoft Enterprise SPI creates the following data tables for Microsoft Exchange Server 2007 metrics in data store on the node to facilitate the data-collection procedure.

Data Store Details

Graph Name	Policy Logging Data	Spec File	Data Store Data Class
Front End Service CPU Statistics	OCS_FrontEndService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Web Conferencing Service CPU Statistics	OCS_WebConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
IM Conferencing Service CPU Statistics	OCS_IMConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Telephony Conferencing Service CPU statistics	OCS_TelConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Audio/Video Conferencing Service CPU statistics	OCS_AVConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Access Edge Service CPU statistics	OCS_AccessEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Audio/Video Edge Service CPU statistics	OCS_AVEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS

Audio/Video Authentication Service CPU statistics	OCS_AVAuthService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Web Conferencing Edge Service CPU statistics	OCS_WebEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Archiving and CDR Service CPU statistics	OCS_ArchivingCDRService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Mediation Service CPU statistics	OCS_MediationService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Front End Service Memory Statistics	OCS_FrontEndService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Web Conferencing Service Memory Statistics	OCS_WebConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
IM Conferencing Service Memory Statistics	OCS_IMConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Telephony Conferencing Service Memory Statistics	OCS_TelConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Audio/Video Conferencing	OCS_AVConfService_Logging	OCS_PROCESS.spec	OCS_PROCESS

Service Memory Statistics			
Access Edge Service Memory Statistics	OCS_AccessEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Audio/Video Edge Service Memory Statistics	OCS_AVEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Audio/Video Authentication Service Memory Statistics	OCS_AVAuthService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Web Conferencing Edge Service Memory Statistics	OCS_WebEdgeService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Archiving and CDR Service Memory Statistics	OCS_ArchivingCDRService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Mediation Service Memory Statistics	OCS_MediationService_Logging	OCS_PROCESS.spec	OCS_PROCESS
Authentication Failures/sec on Audio/Video Edge Server	OCS_AVEdgeServer_Logging	OCS_AVEDGE.spec	OCS_AVEDGE
SQL Back	OCS_FrontEndServer_Logging	OCS_FRONTEND.spec	OCS_FRONTEND

End Latency Experienced By Front End Server			
Average Holding Time for Incoming Messages on Front End Server	OCS_FrontEndServer_Logging	OCS_FRONTEND.spec	OCS_FRONTEND
Front End Server Availability and Connectivity	OCS_FrontEndServer_Logging	OCS_FRONTEND.spec	OCS_FRONTEND
Sends Outstanding on Front End Server	OCS_FrontEndServer_Logging	OCS_FRONTEND.spec	OCS_FRONTEND
Average Incoming Message Processing Time on Access Edge Server	OCS_AccessEdgeServer_Logging	OCS_ACCESEEDGE.spec	OCS_ACCESEEDGE
Client Request Errors and Timed Out Sessions over UDP on Audio/Video Edge Server	OCS_AVEdgeServer_Logging	OCS_AVEDGE.spec	OCS_AVEDGE
Client Request Errors and Timed Out Sessions over	OCS_AVEdgeServer_Logging	OCS_AVEDGE.spec	OCS_AVEDGE

TCP on
Audio/Video
Edge Server

Related Topics

- [Data Store for Reports](#)
- [Microsoft Enterprise Servers SPI Microsoft Office Communications Server 2007 Graphs](#)

Microsoft Enterprise Servers SPI Tools

The Microsoft Enterprise Servers SPI has the following tools:

- MSES_BTS_DB_Configuration
- Browse SharePOint Site
- Self-Healing Info
- Self-Healing Verification

Related Topics:

- Microsoft Enterprise Servers SPI Overview

MSES_BTS_DB_Configuration

The MSES_BTS_DB_Configuration tool is used to configure the Microsoft BizTalk Server.

The BizTalk Server 2006 stores data in SQL server instead of the WMI CIMV2 database. The the Microsoft Enterprise Servers SPI must connect to the BizTalk Server's SQL database to collect the related data it needs.

Before running Discovery, the HPOM administrator must configure the SQL database for all nodes with BizTalk Server installed. Windows integrated security (SSPI mode) does not work if the SQL authentication mode is set for SQL server. If SQL authentication is "users/", the HPOM console needs to know the SQL user name and password. To connect to SQL server If you choose to customize one or more policies after deploying them, ensure to redeploy the policies after customizing them. even when it is in SQL authentication mode, the HPOM administrator can use the MSES_BTS_DB_Configuration tool to store the corresponding SQL server name, and the SQL user name and password. If this configuration is not done for BizTalk Server 2006 nodes, the default SQL user name and password's value is considered.

For more details on the MSES_BTS_DB_Configuration tool, see *Additional Configuration Procedure* section of *HP Operations Smart Plug-in for Microsoft Enterprise Servers Installation and Configuration Guide* .

Related Topics:

- Microsoft Enterprise Servers SPI Tools Overview

Browse SharePoint Site

The Browse SharePoint Site tool runs the Internet Explorer to browse the web site defined by the service node.

Related Topics:

- [Microsoft Enterprise Servers SPI Tools Overview](#)

Self-Healing Info

The Self-Healing Info tool runs the Microsoft Enterprise Servers SPI data collector on the selected nodes.

Related Topics:

- [Microsoft Enterprise Servers SPI Tools Overview](#)

Self-Healing Verification

The Self-Healing Verification tool verifies the version of the Microsoft Enterprise Servers SPI components.

Related Topics:

- [Microsoft Enterprise Servers SPI Tools Overview](#)

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