

Sametime Meeting Statistics

Overview

There are couple of requirements in order to use the "Sametime Statistics" Sensor for retrieving Sametime Meeting Statistics (Websphere)

Sensor Configuration

Whenever you start configuring the "Sametime Meeting Statistics" Sensor, you need to set the following

- Protocol
- Port (Soap port number of the STMeeting Server)
- Credentials

The screenshot shows a web-based configuration interface for a sensor named "Sametime Meeting Statistics". The interface includes a top section with the sensor name and an "Enabled" checkbox (checked). Below this is a tabbed interface with four tabs: "Settings", "Targets", "Actions", and "Schedule". The "Settings" tab is active, displaying fields for "Type", "Protocol", "Port", "Timeout", "Username", and "Password". The "Type" field is a dropdown menu set to "Meeting Statistics (Websphere)". The "Protocol" field is a dropdown menu set to "http". The "Port" field is a text input set to "8884". The "Timeout" field is a text input set to "1000". The "Username" field is a text input set to "Stefan Fried". The "Password" field is a text input set to "*****". At the bottom right of the form are two buttons: "Save & Close" and "Discard Changes".

Name

Enabled ☒ [Show Schedule](#)

Settings Targets Actions Schedule

Type * Meeting Statistics (Websphere) ▼

Protocol * http ▼

Port * 8884

Timeout * 1000

Username * Stefan Fried

Password * *****

Save & Close Discard Changes

Requirements

Operator Role

The User account you specified in the Sensor settings needs to have at least the "Operator" Role on the Websphere platform.

Administrative user roles		
Administrative user roles Use this page to add, update or to remove administrative roles to groups. Assigning administrative roles to groups enables them to administer application servers through the console or through vsadmin scripting. The administrative authorizer run time must be notified when groups are added to or removed from an administrative user group. Click the administrative authorizer after the changes have been saved and synchronized.		
Logout Add... Remove Refresh all		
<div> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> </div>		
Select	User	Role(s)
<input type="checkbox"/>	...	Administrator
<input type="checkbox"/>	stefan.fried@panagenda.com	Operator
		Login Status
		Not Active
		Not Active

Soap Port

Check the Soap Port number of your Meeting Server

Application servers > STMeetingServer

Use this page to configure an application server. An application server is a server that provides services required to run enterprise applications.

Runtime Configuration Reports Operations

General Properties

Name

STMeetingServer

Node name

s9STMNode1

☐ Run in development mode

☐ Parallel start

☐ Start components as needed

Access to internal server classes

Allow

Server-specific Application Settings

Classloader policy

Multiple

Class loading mode

Classes loaded with parent class loader first

Apply

OK

Reset

Cancel

Container Settings

Session management

SIP Container Settings

Web Container Settings

Portlet Container Settings

EJB Container Settings

Container Services

Business Process Services

Applications

Installed applications

Server messaging

Messaging engines

Messaging engine inbound transports

WebSphere MQ link inbound transports

SIB service

Server Infrastructure

Java and Process Management

Administration

Java SDKs

Communications

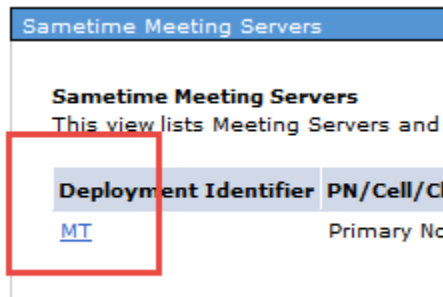
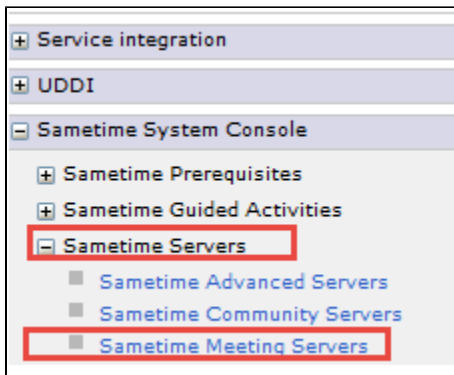
Ports

Port Name	Port	Details
ROOTSTRAP_ADDRESS	2814	
SOAP_CONNECTOR_ADDRESS	8884	

Enable Meeting Statistics

Please enable the Meeting Statistics

- open WAS Console
- expand Sametime System Console - Sametime Servers - and select Sametime Meeting Servers



- set the key: `meetingserver.statistics.jmx.enabled` to `TRUE`

<code>meetingserver.statistics.jmx.enabled</code>	<code>true</code>
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- Save/close
- Restart the Sametime Meeting Server

Failure Scenario

possible errors in log:













ADMN0022E: Access is denied for the `getRoomStatistics` operation on `MeetingServerStatisticsMBean` MBean because of insufficient or empty credentials.

`SametimeStatisticsSensor` -`java.util.concurrent.TimeoutException: Timeout set [1000ms]`

If the Sensor result provides you "-1" values then this is an indication that the Statistics are NOT enabled (check requirements above)

Output

The following list is the result of the measurement.

★	Key	Value
★	 statistics.activeRoomCount	91
★	 statistics.activeRoomCount.local	13
★	 statistics.activeUserCount	125
★	 statistics.activeUserCount.local	17
★	 statistics.dormantRoomCount	131,514
★	 statistics.libraryCount	9,156
★	 statistics.librarySize	9,783,822,670
★	 statistics.roomCount	138,350
★	 statistics.topRoom.1.activeUserCount	-1
★	 statistics.topRoom.2.activeUserCount	-1
★	 statistics.topRoom.3.activeUserCount	-1
★	 statistics.unusedRoomCount	6,745

statistics.activeRoomCount
 statistics.activeRoomCount.local
 statistics.activeUserCount
 statistics.activeUserCount.local
 statistics.dormantRoomCount
 statistics.libraryCount
 statistics.librarySize
 statistics.roomCount
 statistics.topRoom.1.activeUserCount
 statistics.topRoom.2.activeUserCount
 statistics.topRoom.3.activeUserCount
 statistics.unusedRoomCount

Explanations:

- Sametime Meeting Statistics that has **.local** (ex. statistics.activeRoomCount.local), refers to the "node or server" that we are looking at. So other Sametime Meeting server may have different value.
- Sametime Meeting Statistics that do not have **.local** (ex. statistics.activeRoomCount), refers to the "total" for all Sametime Meeting servers that you have.
- Dormant Sametime Meeting Room Count (statistics.dormantRoomCount) is a Sametime Meeting Room that has been created, used but is not currently in use.
- Unused Sametime Meeting Room Count (statistics.unusedRoomCount) is a Sametime Meeting Room that was created, but never used.