

The EDT Simultaneous Activity Monitor (SAM) Dashboard

Summary

The EDT SAM Dashboard allows administrators to monitor and log various elements of EDT Applications.

Administrators should initially run the monitor to create a benchmark of EDT activity. The benchmark will help administrators recognize potential problems and implement solutions before the problem occurs.

This tool is intended for monitoring activity in a Citrix environment.

Getting Started

The SAM Dashboard is installed with the EDT 5000.1.5.4 patch.

Use the *SAMDashboard.bat* file to run the SAM Dashboard. This file is located in the [EDT Install Dir]\Common Files\Data Services folder.

Configure Logging

The location of log files can be selected from the View > Logging Options menu command.

Enter the logging interval and the location where the log files will reside.

NOTE: The folder where the log files will reside **MUST** exist, otherwise the log files will fail to be created.

Dashboard Statistics

The SAM Dashboard is made up of a number of blocks, each one of which contains related data. The following list defines the data found on the Dashboard

Logging – Shows how often the Dashboard records data to the log files.

Log Folder – Displays the location of all log files created by the Dashboard.

SAM Status – States whether the SAM Service is Connected or Offline.

SAM Messages – Tracks SAM Activity throughput per minute. SAM Activities tracked include:

- opening an object,
- saving an opened object's data,
- closing an object.

Open List Size – the total number of Open EDT Objects.

EDM Object List – The following EDT objects appear in the list along with the number of SAM Activities for each object. Only objects that had SAM activity will appear.

- Cases

- Designs
- Hole Sections
- Other
- NPT Failures
- Rigs
- Reports
- Surveys

Date, Time and Time Zone – Displays the date and time and Time Zone where the monitoring and logging took place. This is useful when comparing SAM Dashboard logs to data in different regions.

Active Users –The number of users who are actively sending and receiving SAM messages from the Machine defined below

Machine - Defines the machine name currently connected to the SAM Server

Users – Displays the number of EDM users currently logged into the machine with an EDM Object open.

Apps – Displays the number of EDT applications open on the machine with an EDM Object open.

This item is useful when monitoring load balancing in Citrix Farms.

The Active Users, Machine, Users and Apps parameters appear for each machine connected to the SAM Server. This feature is meant to show administrators the Citrix environments currently connected to the SAM Server. Running the SAM Dashboard in an environment where numerous standalone machines are connected to the SAM Service will clutter up the Dashboard.

Log Files

Log files are generated in a CSV (Comma Separated Variable) format and can easily be copied into a spreadsheet. This allows for quick and easy creation of graphs for analysis of the dashboard data.

The date the log file is created is included in its name and the Time and Time Zone is included within the file.

The SAM Dashboard creates the following log files.

SAMLOG_[Date]_General.csv – This log file contains the following parameters. For more information on each parameter, see the Dashboard Statistics section above.

- Time Zone, Time, Messages per minute, Active Users, Open List Size, Open Reports, Open Designs, Open Cases, Open Rigs, Open Hole Sections, Open Surveys, Open NPT/Equipment Failure and Open Other

SAMLOG_[Date]_Machine_[machine name].csv – One of these log files appear for each machine that was connected to the SAM Server. This log file contains the following parameters. For more information on each parameter, see the Dashboard Statistics section above.

- Time Zone, Time, Apps per Machine

SAMLOG_[Date]_Machine_[machine name]_Active.csv – One of these log files appear for each machine that had SAM activity while it was connected to the SAM Server. This log file contains the following parameters. For more information on each parameter, see the Dashboard Statistics section above.

- Time Zone, Time, Active Users, Active Apps

Support

The EDT SAM Dashboard **is not** a supported Engineer's Desktop utility, and is provided as is.