



CHAPTER 1

Introduction

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Overview of the Cisco UCS Server System Event Log Viewer Utility

The Cisco UCS Server System Event Log Viewer (SEL Viewer) utility enables you to view all system event logs generated by the server. Available on the Server Configuration Utility (SCU) 2.0(1) CD, this utility is specifically designed to run in host-based operating systems for standalone servers.

When you open the utility, it first attempts to establish a connection with the CIMC. If a connection is not established, the utility runs in the offline mode. When a connection is established with the CIMC, the utility runs in online mode.

The SEL Viewer utility includes a graphical user interface (GUI) and a command line interface (CLI). However we recommend that you use the GUI on the server to view the most recently generated logs. When you do not want to access the GUI, you can use the CLI to view and take a snapshot of all logs that are generated and analyze it in the offline mode.

Using this utility, you can view, sort, and filter logs that are generated. In addition, using the GUI, you can even save log file details to a file outside the utility. The logs can be saved in a .csv or .bin file.

Features of the SEL Viewer Utility GUI

The SEL Viewer utility GUI enables you to do the following:

- Sort event logs
By default, the utility displays all events that have been recorded in the server. You can sort the records in each column. You can also adjust the width of each column.
- Filter event logs

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Using the **Filter** option, you can filter displayed events. You can filter the event logs based on severity, generator, or sensor type of the event.

- Work in offline and online modes
- Save the event logs to a file

You can choose to save the event logs to a file outside the SEL Viewer utility. You can save these events to as a .csv file or as a .bin file. For viewing and analyzing the events, you can open the .csv file with Microsoft Excel and the .bin file in the utility.

Features of the SEL Viewer Utility CLI

The SEL Viewer utility CLI enables you to do the following:

- Save event logs to a file

You can save event logs as either a .csv file or as a .bin file.

- View event logs in different formats

You can view the system event logs in the following formats:

- HEX
- Text
- XML

- Clear event logs

You can clear all event logs from the utility and from the CIMC. This action is permanent and cannot be reverted.

Supported Operating Systems and Versions

The SEL Viewer utility is supported on the following operating systems:

- Red Hat Enterprise Linux 5.3 (x86_64)
- SUSE Linux Enterprise Server 11 (x86_64)
- Microsoft Windows 2003 R2 (x86 and x64)
- Microsoft Windows 2008 R2 (x64)
- Microsoft Windows XP SP2 (supports only the offline mode of the SEL Viewer utility).

Supported Browsers

The SEL Viewer utility is supported with the following browsers:

- Mozilla Firefox 3.5 and later on Red Hat Enterprise Server
- Mozilla Firefox 3.5 and later on SUSE Linux Enterprise Server
- Internet Explorer 7.0 and later on Microsoft Windows 2003 and 2008

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Supported Hardware Platforms

The SEL Viewer utility is supported on the following Cisco server platforms:

- Cisco UCS C200 Server series
- Cisco UCS C210 Server series
- Cisco UCS C250 Server series
- Cisco UCS C460 Server series

These C-series servers must be compliant with the Intelligent Platform Management Interface Specification (IPMI) 2.0 to run this utility.

Prerequisites for Running the Utility

Following are the prerequisites for the SEL Viewer utility:

- If you are running Windows 2003, you must manually start the IPMI driver before installing the SEL Viewer utility.
- Adobe Flash player Plug-in version 10.
- Java version 1.5 and above.

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