

Hardware Requirements

The minimum hardware requirements for installing and working with EventLog Analyzer are given below.

- 1GHz Pentium 4 processor or equivalent
- 512 MB of RAM
- 1GB of disk space*
- Monitor that supports 1024x768 resolution

* The following table recommends the disk space and RAM size requirements of the system where EventLog Analyzer is installed. The disk space and RAM size requirements depends on the number of host sending log information to EventLog Analyzer, the number of host log records received per second or the host log data received per day by EventLog Analyzer. The calculation is worked out for 100 hosts and an average log record size of 350 bytes.

Log Records Rate or Volume	RAM Size	Hard Disk Space Requirement Per Month to Archive Logs
100/sec or 3 GB/day	1 GB	300 GB
500/sec or 14 GB/day	2 GB	1440 GB
1000/sec or 28 GB/day	4 GB	2880 GB

MySQL Performance Improvement Parameters

For better performance, you can replace the existing MySQL parameters mentioned in **startDB.bat/sh**, available under `<Eventlog Analyzer Home>\bin` directory, with the following MySQL parameter changes corresponding to the EventLog Analyzer servers RAM Size.

Hardware RAM Size	MySQL Parameter Changes
512 MB	Default configuration as given in startDB.bat/sh
1 GB	" --innodb_buffer_pool_size= 500M "
2 GB	" --innodb_buffer_pool_size= 1200M "
3 GB	" --innodb_buffer_pool_size= 1500M "
4 GB	" --innodb_buffer_pool_size= 1500M "

Operating System Requirements

EventLog Analyzer can be installed and run on the following operating systems and versions:

- Windows 2000/2003/XP
- Linux - RedHat 8.0/9.0, Mandrake/Mandriva, SuSE, Fedora, CentOS

Note: If EventLog Analyzer is installed in SuSE Linux, then ensure that in the **mysql-ds.xml** file, present under `<EventLogAnalyzer_Home>/server/default/deploy` you replace *localhost* mentioned in the following line : `<connection-url>jdbc:mysql://localhost:33335/eventlog</connection-url>` with the corresponding IP Address or DNS resolvable name of the current system where EventLog Analyzer is installed.

Supported Platforms & Devices

EventLog Analyzer can collect and report on system logs received or collected from the following systems:

- Windows NT/2000/2003/XP
- Linux - RedHat, Debian, SuSE
- UNIX - Solaris, HP-UX, AIX
- Cisco Router & Switches
- SNARE for Windows
- and other syslog supported devices

Note:

- For analyzing logs from Windows NT machine, WMI core should have been installed in the Windows NT machine.
- Syslogs received from SNARE agents for Windows will be displayed as Windows hosts.

Supported Web Browsers

EventLog Analyzer has been tested to support the following browsers and versions:

- Internet Explorer 5.5 and later
- Netscape 7.0 and later
- Mozilla 1.5 and later
- Firefox 1.0 and later