

Event Logger

For all practical purposes Unix and Linux are essentially data-less systems. This makes it difficult in most instances to determine what went wrong with a system when an error occurs.

Other than the standard system error log file there are very few ways to determine the operational status of your production systems at a particular point in time.

All significant server events are logged by AdminUX's Event Logger component.

► Log information is useful for trend and performance analysis.

► Vital system information contained in the logs can be maintained for up to a year.

► Forensic information in AdminUX logs is useful for determining the root cause of system problems.

Have you every come in one morning and found that something went wrong overnight with a system process?

What happened?

► Was there some unknown process that

robbed CPU time and caused your process to time out or abort?

► Did you temporarily run out of disk space?

► Did the network go down?

► What was the CPU load when the problem occurred?

► Did a process fail which would have cancelled your scheduled jobs?

► Who was logged in that could have affected the server?

Had you been on the job during the night, you might have detected one of the problems by executing commands like ps, df, netstat, uptime, etc. But since you weren't there, there's no relevant data to help you analyze the situation. AdminUX's Event Logger can help.

SERVER STATUS

AdminUX maintains as many as 80 different log and message files including a group of twenty-four status logs.

STATUS00.log is recorded at midnight and each of the

other logs is recorded on their respective hour with STATUS23.log updated at 11:00 p.m. local time.

There is a wealth of system information in these status logs. The type of information varies with the specific platform but the logs contain information on the processes running, memory utilization, users, mounted filesystems, free space, and more.

With these logs you have the last twenty-four hours of system information available to you for review and analysis.

In addition to the hourly status logs AdminUX also records all significant system events as well as the results of its various system scans.

With AdminUX managing your servers you will never be without the information you need to track down even the most elusive problems.