

## **Solution: UNIX/Linux & Windows**

**Versions supported:** Red Hat Linux 9, AS 3.0, 4.0, ES 3.0, 4.0 - SUSE Linux 8.2, 9, 10 - Sun Solaris 8, 9, 10 - HPUX 11, 11i - AIX 4.3.3, 5.1, 5.2, 5.3 - Windows XP, Vista, 7, 2000, 2003, 2008

**Description:** The Longitude UNIX and Windows solutions provide comprehensive out-of-the-box monitoring for your heterogeneous environments. Longitude proactively monitors key performance metrics to ensure that your environment is running optimally and alerts you when there is a problem. Longitude also provides pre-configured, on-demand reports and graphs of key performance metrics to help you proactively take action and ensure maximum availability.

<b>Rule</b>	<b>Description</b>
<b>Unix/Linux CPU</b>	
Unx_CpuBusy	Reports when the system CPU percent is high.
Unx_TooManyProcesses	Reports if there are more than a specified number of processes on the system, excluding zombie processes.
Unx_TooManyZombieProcesses	Reports if there are more than a specified number of zombie processes on the system.
Unx_TooManyRunnableProcesses	Reports if there are more than a specified number of runnable processes on the system.
Unx_Cpu_Trend	Monitors trends in CPU usage on Unix computers
<b>Unix/Linux File System</b>	
Unx_FileSystemSpaceLow	Reports file systems with a small number or small percentage of kilobytes free.
Unx_LowFreeInodes	Reports file systems with a small number or a small percentage of inodes free.
Unx_FileSystem_Trend	Monitors trends in file system space usage for Unix computers
<b>Unix/Linux I/O</b>	
Unx_HighIORateDisks	Reports disks which are experiencing a high I/O rate.
<b>Unix/Linux Memory</b>	
Unx_LowFreeMemory	Reports when the system is low on free memory.
Unx_SwapSpaceUsageHigh	Reports when too much swap space is used on the system.
Unx_SwapOutRateHigh	Reports when the system is experiencing high swapping.
Unx_PageOutRateHigh	Reports when the system is experiencing a high page out rate.
Unx_PageScanRateHigh	Reports when the system is experiencing a high page scan rate
Unx_Memory_Trend	Monitors trends in memory usage for unix computers
<b>Unix/Linux Network</b>	
Unx_HighNetwkInputErrs	Reports network interfaces with a high input error rate.
Unx_HighNetwkOutputErrs	Reports network interfaces with a high output error rate.
Unx_HighNetwkInputPckts	Reports network interfaces with a high input packet rate.
Unx_HighNetwkOutputPckts	Reports network interfaces with a high output packet rate.
Unx_NetworkCollisions	Reports network interfaces with a high collision percent.
<b>Unix/Linux Processes</b>	
Unx_HighCpuProcesses	Reports processes which are using a large percentage of the CPU.
Unx_HighMemoryProcesses	Reports processes which are using a large percentage of the available system memory.

Unx_IdleProcesses	Reports processes which have been idle.
-------------------	---

Rule	Description
<b>Windows CPU</b>	
Win_CpuBusy	Reports when the system CPU percent is high.
Win_Cpu_Trend	Monitors trends in CPU usage on Windows computers
<b>Windows Disk</b>	
Win_Disk	Reports disks with a high busy percentage or low free space
Win_DiskStatus	Reports on the status of the disk drives
Win_Disk_Trend	Monitors trends in disk space usage for Windows computers
<b>Windows Memory</b>	
Win_LowFreeMemory	Reports when the system is low on free memory.
Win_PageRateHigh	Reports when the system is experiencing a high page read and write rate.
Win_Memory_Trend	Monitors trends in memory usage for windows computers
<b>Windows Network Interface</b>	
Win_HighNetwkInputPckts	Reports network interfaces with a high input packet rate.
Win_HighNetwkOutputPckts	Reports network interfaces with a high output packet rate.
Win_HighNetworkInputErrs	Reports network interfaces with a high input error rate.
Win_HighNetworkOutputErrs	Reports network interfaces with a high output error rate.
<b>Windows Print</b>	
Win_PrintQueueJobErrs	Reports job errors in the print queue.
Win_PrinterState	Reports a printer status that is neither running nor idle.
<b>Windows Processes</b>	
Win_HighCpuProcesses	Reports processes which are using a large percentage of the CPU. For multiprocessors, the rule will divide the total cpu percentage used by the number of processors
<b>Windows Services</b>	
Win_ServiceNotRunning	Reports when a service has a Start Mode of 'Auto', 'Boot' or 'System' but is not running.



165 Bay State Drive  
 Braintree, MA 02184  
 Telephone: 800-229-6500 / 781-848-1701  
[www.heroix.com](http://www.heroix.com)  
[info@heroix.com](mailto:info@heroix.com)

Features and support may vary by platform. Heroix believes that the information in this document is accurate as of its publication date; such information is subject to change without notice. Heroix is not responsible for any inadvertent errors. Heroix, the Heroix logo, and Heroix Longitude are registered trademarks of Heroix. All other trademarks are property of their respective owners. © 2009 Heroix. All rights reserved.