

## Solution: Hyper-V

Versions supported: Hyper-V<sup>®</sup> 2008, 2012, 2016

Description: The Longitude Hyper-V solution proactively monitors key Hyper-V performance metrics to ensure that your environment is running optimally, and alerts you when there is a problem. Longitude also generates physical and virtual resource utilization reports.

Rule	Description
HostCpuBusy	Checks for high CPU usage on a Host
VMCpuBusy	Checks for high CPU usage on a virtual machine
HighIORate	Checks for high IO rate on a Host
VMHighIORate	Checks for high IO rate on a virtual machine
LowFreeSpace	Checks for low free space on a Host disk
LowFreeMemory	Checks for low free memory on a Host
VMLowFreeMemory	Checks for low free memory on a virtual machine
HighMemoryPressure	Checks for high memory pressure on a Host
VMHighMemoryPressure	Checks for high memory pressure on a virtual machine
HighNetworkUsage	Checks for high network utilization on Host network interfaces
VMHighNetworkUsage	Checks for high network utilization on VM virtual network interfaces

Report Name	Report Selections	Metrics
VM CPU%	Selected Hosts Hosts in selected Group Selected VMs	CPU % Used
VM Memory	Selected Hosts Hosts in selected Group Selected VMs	Used Memory %
VM Mem Pressure	Selected Hosts Hosts in selected Group Selected VMs	Memory Pressure
VM Disk I/O	Selected Hosts Hosts in selected Group Selected Disks	Disk Read Rate (KB/sec) Disk Write Rate (KB/sec) Disk Read + Write Rate (KB/sec)
VM Disk Queue Length	Selected Hosts Hosts in selected Group Selected Disks	Disk Queue Length

Report Name	Report Selections	Metrics
VM Network Data	Selected Hosts Hosts in selected Group Selected NICs	Network KB/sec Read Rate Network KB/sec Write Rate Sum of Network KB/sec Read + Write Rates
VM Network Packets	Selected Hosts Hosts in selected Group Selected NICs	Network Packet Read Rate Network Packet Write Rate Sum of Network Packet Read + Write Rates
Host CPU %	Selected Hosts Hosts in selected Group	Host CPU Usage %
Host Processor CPU%	Selected Processors Processors on selected Hosts Processors in selected Group Total Processor usage per Host	Host CPU Usage % per Processor
Host Memory	Selected Hosts Hosts in selected Group	Host Used Memory %
Host Mem Pressure	Selected Hosts Hosts in selected Group	Host Average Memory Pressure %
Host Disk I/O	Selected Host Disks Disks on selected Hosts Disks in selected Group	Host Disk I/O Read Rate (KB/Sec) Host Disk I/O Write Rate (KB/Sec) Host Disk I/O Read + Write Rate (KB/Sec)
Host Disk Queue Length	Selected Host Disks Disks on selected Hosts Disks in selected Group Total Disk usage per Host	Host Disk Queue Length
Host Disk Storage	Selected Host Disks Disks on selected Hosts Disks in selected Group	Host Disk Storage Free %
Host Network Data	Selected Host Nics Nics on selected Hosts Nics in selected Group	Host Network Read Rate (KB/Sec) Host Network Write Rate (KB/Sec) Host Network Read + Write Rate (KB/Sec)
Host Network Packets	Selected Host Nics Nics on selected Hosts Nics in selected Group	Host Network Read Rate (Packets/Sec) Host Network Write Rate (Packets/Sec) Host Network Read + Write Rate (Packets/Sec)

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

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