

Vistara Monitoring Capabilities – An Overview

Vistara is the only SaaS solution that unifies monitoring and management of physical infrastructure, mobile devices, legacy monitoring tools, virtual infrastructure, public clouds, and private clouds.

Vistara scales to automatically discover and monitor your infrastructure. Built-in templates to monitor hundreds of devices and applications make managing new and existing IT assets effortless.

Vistara discovers all of the elements of your physical and virtual infrastructure including routers, switches, VoIP devices, firewalls, storage, servers, and virtual machines. Discovery is supported for on premise physical servers, virtual servers, and public and private clouds. It's easy to monitor and manage all discovered devices. IT administrators can apply standard configuration templates to devices to ensure correct configuration and compliance with enterprise policies and standards. Vistara automatically profiles managed devices to determine if their OS and application security updates are compliant with the latest revisions and whether antivirus signatures are up-to-date. IT administrators can review and approve updates, then centrally deploy them throughout the enterprise.

Vistara also provides historical performance charts, alerting, and escalation management to easily triage and resolve complex issues.

Vistara Monitored Elements Include:

- Servers
- Client Desktops and Laptops
- Virtual Machines
- Network devices (VoIP, switches, routers, and firewalls)
- Applications
- Converged Infrastructure Solutions

Alerts and service level metrics provide continuous insight into the health of your environment. Here's a brief summary of Vistara Monitoring Capabilities.

1. Element Availability

Summary reports show uptime rates and list elements that experienced outages during the monitoring window. This makes it easy for IT professionals to identify problematic elements for repair and replacement and to diagnose the root cause of outages. Availability is calculated separately for servers and network devices.

2. Response Time

Vistara continuously monitors the response time of elements under its control. Average response time across the network is calculated and reporting thresholds can be defined. The number of elements with response time exceeding the acceptable limits are displayed.

3. Server CPU and Memory Utilization

Vistara monitors server CPU and memory utilization. IT professionals can detect when utilization levels are exceeding target thresholds and additional capacity must be provisioned.

4. Network Performance

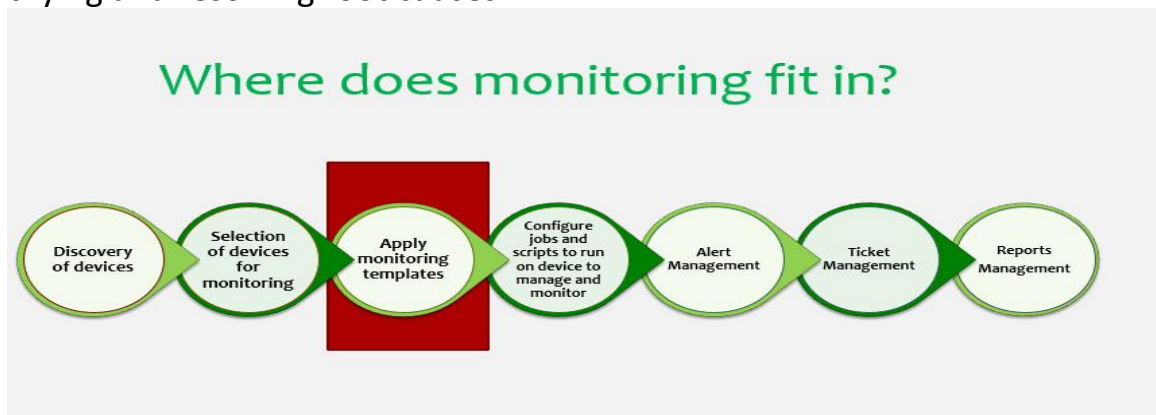
Vistara monitors network performance including average packet loss, CPU load, memory load, and average network utilization. Alerts are generated when problems occur. Administrators can access the list of elements needing attention.

5. VOIP Quality Score

Vistara proactively monitors VoIP quality using standard metrics of mean opinion score (MOS) and Calculated Planning Impairment Factor (ICPIF). This enables IT professionals to determine when VoIP quality is degrading to unacceptable levels in time to proactively take steps to remedy the situation.

6. Alert Monitoring and Management

Vistara goes beyond ordinary ticket generation and management. Incoming tickets are automatically analyzed. Related tickets are grouped together by IP address, device, event type, and additional criteria reducing noise and enabling IT administrators to focus on identifying and resolving root causes.



Vistara Monitoring Templates

Vistara can build custom templates. Please contact sales@vistarait.com for more information.

Vistara Templates	Description	Associated Monitors
Acronis Backup and Recovery	Template for Acronis backup and recovery. Performs event log monitoring.	Event Logs
Application Performance	Template for performance monitors and event log monitoring.	CPU Disk Memory Uptime Network Free Disk Event Logs Process Broker Transaction Rollbacks Data Space of DB Lock Timeouts / Second Logins / Second MSSQL Cache Hit Ratio Number of Deadlocks / Second Open Connection Count Receive Per OS / Second Send Per OS / Second SQL Compilations / Second SQL Received / Second SQL Recompilations / Second SQL Sends / Second Task Limit Reached Tasks Aborted / Second Transactions / Second Used Log Space User Connections
Apache Status	Template for Apache Status.	Apache Uptime Apache CPU Load Apache Requests / Second Apache Score Board Apache Stats

Apache Status for URL	Apache Status monitoring for specified URL. Monitors CPU load, requests per second, score board, uptime and Apache stats.	Apache Uptime Apache CPU Load Apache Requests / Second Apache Score Board Apache Stats
Apache Status for URL Using Credentials	Apache Status monitoring for specified URL using credentials. Monitors CPU load, requests per second, score board, uptime and Apache stats.	Apache Uptime Apache CPU Load Apache Requests / Second Apache Score Board Apache Stats
Apache Tomcat HTTPS Statistics	Monitors the Tomcat stats for the HTTPS port.	Tomcat Stats HTTPS
Apache Tomcat	Monitors different statistics on Tomcat Server.	Tomcat Stats
APC PDU (American Power Conversion Power Distribution Unit)	Template for power distribution unit. Performs application monitoring on PDU bank state, load state, master switch state, outlet state etc.	PDU Bank State PDU Load Bank Configuration Alarm PDU Load State PDU Master Switch State PDU Outlet State PDU Outlet Statistics PDU Power Supply Status PDU Trap Severity
Arista Switch	Template for Arista switch. Also performs all possible hardware monitoring.	Arista Physical Sensor Operational Status
Aruba WLAN Controller	Template for Aruba WLAN controller.	Aruba Controller Card Status Aruba Controller Fan Status Aruba Controller Internal Temperature Aruba Controller Memory Utilization Aruba Controller Power Supply Status Aruba Controller Processor Load Aruba Controller Storage Utilization Aruba Controller Switch License Count Aruba Controller Switch Status Aruba Controller Total Users Aruba Switch Memory Utilization Aruba Switch Processor Load Aruba Switch Storage Utilization

Asigra Cloud Backup Application	Template for Asigra cloud backup application. This application supports the backup and recovery and can be installed on leading operating systems such as Windows, UNIX, Linux, Mac OS, iOS and Android. The software also supports the backup and restore of virtualization platforms including VMware, Microsoft Hyper-V, and Citrix XenServer. This template performs event log monitoring.	Event Logs
Axcient Appliance Health	Template for Axcient Appliance Health. It monitors the Axcient appliance health parameters.	Axcient Capacity Check Axcient Drive Status 1 Axcient Drive Status 2 Axcient Drive Status 3 Axcient Drive Status 4 Axcient Drive Status 5 Axcient Drive Status 6 Axcient Drive Status 7 Axcient Drive Status 8 Axcient Drive Status 9 Axcient Drive Status 10
Axcient Backup Job	This template is applicable on the Axcient BDR appliance.	Axcient Job Details
Axcient Backup Job Status Check	Monitors the status of backup jobs.	Axcient Job Details 1 Axcient Job Details 2 Axcient Job Details 3 Axcient Job Details 4 Axcient Job Details 5 Axcient Job Details 6 Axcient Job Details 7 Axcient Job Details 8 Axcient Job Details 9 Axcient Job Details 10
Axcient Health	This template is applicable to the Axcient BDR appliance.	Axcient Drive Status Axcient Capacity Check Axcient RAID Check
Barracuda Web Filter	Applicable for Barracuda spam and virus firewall.	Queue Monitor

BlueCoat ProxySG	Applicable on the ProxySG secure web gateway appliances.	Client Hit Rate Network-CPU TCP-8082 Service Time Hit Health Check Uptime Client Connections Active Service Time Miss Median Service Time Hit Service Time All Dens Median Service Time Software Server Connections Client Connections Idle Median Service Time All Ping HTTPS-Management Client Byte Hit Rate Server Connections Idle Client Request Rate Disk Usage Percent Number of Objects Disk Status Service Time Partial Hit HTTP-80 Median Service Time Miss Memory Pressure
Brocade SAN Switch	Applicable on Brocade SAN switch.	Fan Status Flash Operational Status Power Supply Status Switch Operational Status Temperature Status
Brocade VDX Switch	Applicable on Brocade VDX switched.	Fan Status FC Port Status Flash Operational Status Operational Status Power Supply Status Temperature Status
Buffalo TeraStation	Applicable on Buffalo TeraStation TS-RXL.	Array Status Array Utilization Backup Status Disk Status Disk Utilization
CA ARCserve D2D	Template for CA ARCserve D2D. Performs event log monitoring.	Event Logs

Check Point Safe@Office UTM Appliance	This template is applicable on the Check Point Safe@Office UTM appliances with the SBox-200 hardware. Safe@Office appliances integrate firewall, IPS, anti-malware, URL Filtering and more.	DFA Utilization Firmware Utilization Free Memory Licensed Used Nodes RAM Utilization Storage Card Space Utilization Storage Configuration Utilization
Cisco Buffer Usage Statistics	Applicable on all Cisco devices.	Huge Buffer Usage Small Buffer Usage Large Buffer Usage Big Buffer Usage Medium Buffer Usage Buffer Failure Percent
Cisco Contact Center Express	This template notifies failures on any of the modules on the Cisco Contact Center. Please enable the corresponding traps also along with this template.	Application Alert Status
Cisco Entity	Applicable on Cisco Fiber Channel devices or other Cisco devices that support the Entity - MIB.	NVRAM Status
Cisco Firewall Monitors	Applicable on the ASA and PIX devices.	Buffer Usage Secondary Device Status CPU Status Disk Status Interface Status Protocol Based Traffic - Max Protocol Based Traffic - Current Memory Status Primary Device Status Power Status
Cisco Firewall	Template for Cisco Firewalls like ASA and PIX. Monitors both connections and URL processing parameters along with failover details.	Firewall - URL Processing Rate Firewall - Connection Set Up Rate Firewall - Number of Timed Out URLs Firewall - Failover Details Firewall - Number of URL Processed Firewall - Number of Active Connections Firewall - URL Drop Rate
Cisco Firewall via VCare	Applicable on Cisco ASA and PIX devices.	Firewall - Connection Set Up Rate Firewall - Number of Active Connections Firewall - Number of Timed Out URLs Firewall - Number of URL Processed Firewall - URL Drop Rate Firewall - URL Processing Rate

Cisco Flash Device	Applicable on Cisco device which have a flash device, mostly Fiber Channel Switches. Monitors the flash device status.	Flash Device Partition Status Flash Device Details
Cisco FRU	These monitors are applicable on all Cisco devices with chassis like the MDS switches etc.	FRU Power Status FRU Module Status FRU Fan Status
Cisco Hardware Fan	Applicable on all Cisco devices. Monitors fan status.	Fan Status
Cisco Hardware Power	Applicable on all Cisco devices. Monitors power status.	Power Status
Cisco Hardware Voltage	Applicable on all Cisco devices. Monitors voltage status.	Voltage Status
Cisco Hardware Temperature	Applicable on all Cisco devices. Monitors temperature status and value.	Temperature Status
Cisco Interface	This template can be applied on Cisco devices with interfaces.	Packet Loss Due to CD Packet Loss Due to CRC
Cisco IPSec IKE VPN Tunnel	Applicable on Cisco ASA appliance.	IPSec Outbound Traffic IPSec Active Tunnels IPSec VPN Tunnel Status IPSec Inbound Traffic
Cisco Nexus	Applicable on Cisco Nexus 7000 and 5000 series devices.	Nexus CPU Nexus FRU Fan Nexus FRU Module Nexus FRU Power Nexus Memory Nexus VDC
Cisco PIX	Applicable on Cisco PIX series firewall.	CPU 5 Minute Usage Memory Free Memory Used Number of Active Connections Number of Active Remote Access Connections Number of Timed Out URLs Number of URLs Processed Rate of Connection Setup URL Drop Rate URL Processing Rate
Cisco Standard	This template can be applied on all Cisco devices. Monitors uptime, CPU usage and memory usage.	Memory Utilization CPU Utilization System Uptime Ping

Cisco UCM Real Time Monitoring SOAP	Template for Cisco Unified Communication Manager (UCM) Real Time Monitoring Tool (RTMT).	Cisco UCM Annunciator Out Of Resources Cisco UCM Average Expected Delay Cisco UCM Call Manager Heartbeat Rate Cisco UCM Calls Active and in Progress Cisco UCM Code Red Cisco UCM Code Yellow Cisco UCM CPU Utilization Cisco UCM DB Change Notify Failure Cisco UCM DB Replication Failure Cisco UCM Disk IO Operations Cisco UCM Disk Queue Length Cisco UCM Disk Utilization Cisco UCM HW Conference Out Of Resources Cisco UCM IME Quality Alert Cisco UCM IME Service Status Cisco UCM Local DSN Memory Utilization Cisco UCM Location Out Of Resources Cisco UCM Memory Utilization Cisco UCM MGCP BRI D-Channel Status Cisco UCM MGCP FXO Gateway Route List Cisco UCM MGCP FXS Gateway Route List Cisco UCM MGCP Gateway BRI Channels Cisco UCM MGCP Gateway PRI Channels Cisco UCM MGCP Gateway T1 Channels Cisco UCM MGCP PRI D-Channel Status Cisco UCM MOH Out Of Resources Cisco UCM MTP Out Of Resources
Cisco UCS Blade Server Compute Board	Template for Cisco UCS Blade Server Compute Board. Monitors motherboard operational state and operational power	Motherboard Operational Power Motherboard Operational State
Cisco UCS Chassis	Template for Cisco UCS Chassis.	Chassis Configuration State Chassis Connection State Chassis FSM State Chassis License State Chassis Operational State Chassis Power State Chassis Presence Chassis Thermal State
Cisco UCS Chassis Fan	Template for Cisco UCS Chassis Fan.	Chassis Fan Operational State Chassis Fan Power State Chassis Fan Presence Chassis Fan Thermal State

Cisco UCS Chassis IO Module	Template for Cisco UCS Chassis IO Module.	IO Module Admin Power Status IO Module Backplane Ports State IO Module Fabric Ports State IO Module Operational State IO Module Power IO Module Thermal IO Module Voltage
Cisco UCS Chassis PSU	Template for Cisco UCS Chassis PSU.	Chassis PSU Operational State Chassis PSU Power State Chassis PSU Thermal State Chassis PSU Voltage State
Cisco UCS C-Series Rack Server	Applicable on the Cisco UCS Standalone C-Series servers.	UCS Chassis Status UCS Fabric Extender Status UCS Fan Module Status UCS Fan Status UCS IO Card Status UCS Power Supply Unit Status UCS Switch Card Status UCS Memory Array Status UCS Memory Buffer Unit Status UCS Memory Unit Status UCS Processor Unit Status UCS Storage Controller Status UCS Storage Local Logical Unit Number Status UCS Storage Logical Disk Slot Status UCS Storage Logical Disk Status
Cisco UCS Events	Monitoring template for Cisco UCS events.	UCS Events
Cisco UCS Fabric InterConnects	Template for Cisco UCS Fabric InterConnects.	Fan Status Operational Status PSU Status Switch Card Status Uplink Ethernet Port Status Uplink Fibre Channel Port Status
Cisco UCS Faults	Monitoring template for Cisco UCS faults. Sends alerts on the included faults.	UCS Faults
Cisco UCS Memory Array	Template for Cisco UCS Memory Array.	Memory Array Operational State Memory Array Power Memory Array Thermal Memory Array Voltage
Cisco UCS Memory Array Unit	Template for Cisco UCS Memory Array Unit.	Memory Unit Operational State Memory Unit Power Memory Unit Thermal Memory Unit Voltage

Cisco UCS Network Adaptors	Template for Cisco UCS Network Adaptor.	Adaptor Unit Connection Status Adaptor Unit Operational State Adaptor Unit Power State Adaptor Unit Thermal State Adaptor Unit Voltage State
Cisco UCS Processor Units	Template for Cisco UCS Processor Units.	Processor Units Operational State Processor Units Power Processor Units Thermal Processor Units Voltage
Cisco UCS Storage Controller	Template for Cisco UCS Storage Controller.	Storage Controller Battery Presence Storage Controller Operational State Storage Controller Power Storage Controller Thermal Storage Controller Voltage
Cisco Unified Communications Manager (CallManager) Availability	Applicable on Cisco UCM versions 8.0, 7.0 and 6.0. Monitors the UCM start time, displays the version and monitors the status of the call manager.	CCM Info CCM Availability
Cisco Unified Communications Manager (CallManager) Express	This template is applicable for Call Manager Express. Monitors CCME inventory, active calls, configuration details and phone details.	CCME - Details CCME - Inventory CCME - Active Calls
Cisco Unified Communications Manager (CallManager) Inventory	Monitors the devices currently available to the Call Manager.	CCM - Gateway Inventory CCM - VMD Inventory CCM - CTI Device Inventory CCM - Media Device Inventory CCM - Phone Inventory
Cisco Unified Communications Manager (CallManager) Phone Details	Monitors the information of phones currently available with the Call Manager.	CCM - Phone Details CCM - Phone Status

Cisco Unity	This template is applicable on Cisco Unity versions 5.x, 7.x and 8.x.	Average Authentication Time Directory Resynchronization Duration Average Incoming Calls Duration Average Incoming Calls External Current Message Stores Offline Current Message Stores Online Current Outgoing Calls Duration Average Ports Idle Current Ports Idle Duration Average Ports Locked Count Ports Used Current TTS Session Duration Average TTS Sessions / Second Unity MTA Message Count Current
Cisco Unity Monitors	This template is applicable on Cisco Unity versions 5.x, 7.x and 8.x. Monitors the Unity server status and port usage.	Unity Server Status Unity Port Usage
Cisco Voice Application Status	Provides status monitoring for the Cisco Voice applications. This is applicable on Cisco Customer Response Applications (CRA) engines which enhance the efficiency of the Cisco Contact Center. If the CRA engine and Cisco Call Manager are on the same server, this template allows you to monitor Cisco Call Manager applications and services too. This template creates an alert when there is an alert condition on any of the modules.	Application Alert Status
Cisco Voice Gateway	This template monitors the Cisco voice (call) application status. This template is applicable on Cisco IOS Software, vg224 Software (vg224-I6S-M), Version 12.4(22)T5 device.	Cisco Voice Application Status
Cisco VSAN - Instance Level	Applicable on the MDS 9000 Family of Cisco switches. Monitors the VSAN status.	VSAN Status

Cisco Wireless LAN Controller	Monitor Access Points connected to a WLAN Controller. The Controller must support the AIRESPACE-WIRELESS-MIB. Monitors the access points status and access points details.	Ping Access Points Status System Uptime System Info Access Points Info
Citrix Licensing	Template for Citrix licensing. Performs event log monitoring.	Event Logs
Citrix NetScaler	Applicable on the NetScaler appliance. It could be the NetScaler MPX, SDX or the VPX series.	Cache Hit Percent Connection Statistics CPU Utilization Disk Utilization High Availability Status HTTP Statistics Memory Utilization Monitor Probe Status Server Global Statistics Server Status Service Request Rate Service Surge Queue Service Traffic Rate Service Connection Statistics Service Group Member Connection Statistics Service Group Member Packet Rate Service Group Member Request Rate Service Group Member Surge Queue Service Group Member Traffic Rate Service Packet Rate System Details System Fan Speed System Power Supply System Temperature Parameters System Voltage Parameters Server Statistics

Compaq and HP Proliant Servers Health	This template is used for checking different health parameters of Compaq and HP Proliant Servers.	CPU Fan Thermal Health Temperature Sensors Health System Fans Health Over Server Thermal Health Chassis Fan 5 Health CPU 3 Health Temperature Sensor 1 Health Chassis Fan 2 Health Temperature Sensor 4 Health CPU 1 Usage Chassis Fan 7 Health CPU 2 Health Temperature Sensor 5 Health Chassis Fan 1 Health CPU 1 Health Chassis Fan 8 Health CPU 4 Usage Temperature Sensor 2 Health Chassis Fan 4 Health CPU 2 Usage Power Supply 2 Health Temperature Sensor 3 Health Chassis Fan 3 Health CPU 4 Health CPU 3 Usage Chassis Fan 6 Health Power Supply 1 Health
Custom Windows Services	Monitors the services which are not populated in service monitor configuration	Windows Services - Custom
Cyber Power UPS (CPS)	Template for Cyber Power UPS (CPS).	CPS Advance Battery Capacity CPS Advance Battery Current CPS Advance Battery Replace Indicator CPS Advance Battery Runtime Remaining CPS Advance Battery Temperature CPS Advance Input Line Fail Cause CPS Advance Output Load CPS Base Battery Status CPS Base Battery Time On Battery CPS Base Input Phase CPS Base Output Status
Data Protection Manager	Event log monitoring template for Data Protection manager.	Event Logs

LINUX Performance	Basic Performance Monitors for Linux servers. Monitors CPU, disk, memory and uptime.	CPU Disk Memory Uptime
DEFAULT Performance	A default template that can be applied to all windows servers. Monitors CPU, disk, memory and uptime.	CPU Disk Memory Uptime
Dell AppAssure Backup	Template for Dell AppAssure backup and recovery software. Performs event log monitoring.	Event Logs
Dell DRAC	Applicable on Dell Power edge M1000e Rack system.	Dell DRAC Temperature Sensor Status Dell DRAC Status Dell DRAC Fan Status Dell DRAC IOM Module Status Dell DRAC CMC Status Dell DRAC Redundancy Status Dell DRAC KVM Status Dell DRAC Power Status Dell DRAC Blade Status
Dell Event Logs	Applicable on Dell Force 10 switch S series. Monitors environmental parameters such as power, temperature and fan. Also checks CPU and memory utilization on the stack units.	Event Logs
Dell Force 10 S Series Switch	Monitors 10 S PowerConnect series using SNMP.	CPU Utilization Memory Utilization Stack Unit Status System Info Unit Fan Status Unit Info Unit Power Supply Unit Temperature
Dell Power Connect 3000 Series Switches	Applicable on Dell PowerConnect 3000 series switches.	Dell PowerConnect Power 16909825 Dell PowerConnect Status

Dell PowerConnect 6000 series switches	Applicable on the 6000 series PowerConnect switches.	Dell PowerConnect CPU Dell PowerConnect Fan 1 Dell PowerConnect Fan 2 Dell PowerConnect Fan 3 Dell PowerConnect Fan 4 Dell PowerConnect Fan 5 Dell PowerConnect Memory Dell PowerConnect Power 1 Dell PowerConnect Power 2 Dell PowerConnect Power 3 Dell PowerConnect Power 4 Dell PowerConnect Power 5 Dell PowerConnect Status
Dell PowerConnect 6000 Series Switches via VCare	Applicable on 6000 Series PowerConnect.	CPU Utilization Fan Status Global Status Power Supply Status
Dell PowerConnect Switches - 3000 series	Template for Dell PowerConnect Switches of 3000 series	Chassis Intrusion Detection Reading Memory Status DIMM Socket 2 Memory Status DIMM Socket 3 System Board Fan 3 Speed Voltage Probe 8 Status Memory Status DIMM Socket 1 System Board Fan 4 Speed Voltage Probe 11 Status Array Controller Status Processor 2 Current Status Voltage Probe 1 Status Array Controller and all Components Status Voltage Probe 2 Status Memory Status DIMM Socket 4 Voltage Probe 12 Status Voltage Probe 10 Status Voltage Probe 4 Status Voltage Probe 3 Status Voltage Probe 13 Status Chassis Intrusion Object Status System Board Fan 5 Speed Processor 2 Status State Processor 1 Status State System Board BIOS Status Power Supply 2 Status Voltage Probe 7 Status Hard Drive 2 Operational Status

Dell Servers	Monitoring and alerting template for Dell Servers	Disk
Device Health	This template is specifically to generate alerts for purposes of use case demonstrations.	System Uptime CPU Utilization System Info Disk Utilization Ping Memory Utilization
DNS Check	Checks the DNS resolution of the given URL and compare with the give IP Address.	DNS Check
EMC Clariion Storage	Monitoring template for EMC Clariion Storage monitors.	Clariion - SPA Ports Status Clariion - Disk State Clariion - Cache State Clariion - Host Initiators Status Clariion - SPB Ports Status Clariion - Health Status Ping Clariion - SPB Status Clariion - SPA Status HBA State SP Dirty Pages in Cache Status of Storage Processors Storage Processor Busy Percentage Storage Processor Cache Status Storage Processor Disk Status Storage Processor Faults State Storage Processor Idle Percentage Storage Processor Port State
EMC Clariion Storage - Navisecli Enabled	EMC Clariion Storage template.	HBA State SP Dirty Pages in Cache Status of Storage Processors Storage Processor Busy Percentage Storage Processor Cache Status Storage Processor Disk Status Storage Processor Faults State Storage Processor Idle Percentage Storage Processor Port State
EMC Data Domain	Template applicable on EMC Data Domain appliances.	Disk Reliability File System State File System Utilization - Latest DDOS NVRam Battery Status - latest DDOS Power Module State RAID Disk State System Stats Temperature Sensor State Fan Sensor Status - Latest DDOS Replication Status - Latest DDOS

EMC Data Domain	Monitors Data Domain disk reliability, fan sensor status, file system state, file system utilization, NVRAM battery status, power module state, RAID disk state, system stats and temperature sensor state.	Disk Reliability Fan Sensor Status File System State File System Utilization NVRam Battery Status Power Module State RAID Disk State System Stats Temperature Sensor State
EMC VNXe template	This is applicable only on the EMC VNXe storage devices. Monitors the SP status, iSCSI server status, remote replication server status, storage pool utilization, etc.	iSCSI Server Status Status of Replication Remote Storage Pool Status Storage Processor Status System Details VM Data Store Status
EqualLogic Controller	Applicable on EqualLogic SAN devices. Monitors the battery and NVRam battery status.	Controller Battery Status
EqualLogic Disk	Applicable on EqualLogic SAN devices. Monitors the disk status and the disk performance.	Disk Performance Disk Status
EqualLogic Group	This template is applicable on EqualLogic SAN devices. Monitors the group members and group pool details.	Group Pool Details Group Members
EqualLogic Member	This template is applicable on EqualLogic SAN devices. Monitors health, environmental parameters, RAID and storage status, number of iSCSI connections and read write performance.	Member Storage Member RAID Status Member Power Member Fan Member Read Performance Member Temperature Member iSCSI connections Member Health Storage Replication Space Storage Pool
EqualLogic Storage	This template is applicable on EqualLogic SAN devices. Monitors the storage pools and the replication pools.	Storage Replication Space Storage Pool
EqualLogic Volume	This template is applicable on EqualLogic SAN devices. Monitors the volume status.	Volume Status

ESX Hardware	Template for ESX Hardware monitors. Monitors computer system, memory, numeric sensor, processor, record log, etc.	CIM Computer System CIM Memory CIM Numeric Sensor CIM Processor CIM Record Log OMC Discrete Sensor VMware Battery VMware Controller VMware SAS SATA Port VMware Storage Extent VMware Storage Volume
ESX Servers	Monitors parameters of ESX Server. Username and password of the ESX Server is required.	Ping VMware Available Storage - Exclude VMware CPU Usage VMware IO Read VMware IO Write VMware Memory Usage VMware Net Usage VMware Runtime Issues VMware Runtime Status VMware Swap Usage
ESX Servers Monitoring - Excluded DS	Monitors Different parameters of ESX Server.	Ping VMware Available Storage - Include VMware CPU Usage VMware IO Read VMware IO Write VMware Memory Usage VMware Net Usage VMware Runtime Issues VMware Runtime Status VMware Swap Usage
ESX Servers Monitoring - Included DS	Monitors Different parameters of ESX Server. Username and password of the ESX Server and data that need to be monitored are required.	Ping VMware Available Storage - Include VMware CPU Usage VMware IO Read VMware IO Write VMware Memory Usage VMware Net Usage VMware Runtime Issues VMware Runtime Status VMware Swap Usage

ESX Servers Monitoring through Venter	Monitors different parameters of ESX Server. Username, password, IP Address of center and hostname of the ESX host as in VCenter are required. Monitors the CPU, memory, swap, network usage, runtime stats, runtime Errors, IO read and IO write.	Runtime Issues IO Read Ping Net Usage Swap Available Storage IO Write Runtime Status Memory CPU
ESX VMs Monitoring	Monitors different parameters of VMs from ESX using ESX credentials. Monitors CPU, memory, swap, network usage, runtime stats, runtime errors, IO read and IO write statistics for VMs.	IO Write Ping Runtime Status IO Read CPU Swap Memory Net Usage Runtime Issues
ESX VMs Monitoring through VCenter	Monitors different parameters of VM like username, password.	IO Write Ping Runtime Status IO Read CPU Swap Memory Net Usage Runtime Issues
Exchange 2007 Event Log Monitoring	Event log monitoring template for Exchange 2007	Event Logs

Exchange 2007 Server Role - Client Access Servers (CAS)	Applicable on 2007 Exchange Servers with the CAS role	Active Sync Requests / Second Availability Requests / Second Average Response Time Average Search Time Average Time to Process Free Busy Request Current Connections Download Task Queued Download Tasks Completed OWA Requests / Second Sync Commands / Second Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2007 Server Role - Mailbox Servers replication (MBSR)	Applicable on 2007 Exchange Servers with the MBSR role	Copy Queue Length Replay Queue Length Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2007 Server Role - Unified Messaging servers (UMS)	Applicable on 2007 Exchange Servers with the UMS role	Calls Disconnected by Callers During UM Audio Hourglass Mailbox Server Access Failures Operations Over Six Seconds Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC

Exchange 2007 Server Role - Edge Transport Server (ETS)	Applicable on 2007 Exchange Servers with the ETS role	Active Remote Delivery Queue Length Aggregate Delivery Queue Length All Queues Database Cache Percent Hit IO Database Reads / Second IO Database Writes / Second Largest Delivery Queue Length Log Record Stalls / Second Log Threads Waiting Poison Queue Length Retry Remote Delivery Queue Length Submission Queue Length Unreachable Queue Length Version Buckets allocated Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2007 Server Role - HUB Transport Servers (HTS)	Applicable on 2007 Exchange Servers with the HTS role	Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Active Mailbox Delivery Queue Length Active Non Step Delivery Queue Length Active Remote Delivery Queue Length Aggregate Delivery Queue Length All Queues IO Database Reads / Second IO Database Writes / Second Largest Delivery Queue Length Log Record Stalls / Second Log Threads Waiting Messages Completed Delivery / Second Messages Queued for Delivery / Second Messages Submitted / Second Poison Queue Length Retry Mailbox Delivery Queue Length Retry Non Step Delivery Queue Length Submission Queue Length Unreachable Queue Length Version buckets Allocated

Exchange 2007 Server Role - Mailbox Servers (MBS)	Applicable on 2007 Exchange Servers with the MBS role	Calls Disconnected by Callers During UM Audio Hourglass Mailbox Server Access Failures Operations Over Six Seconds Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2010 Server Role - Unified Messaging servers (UMS)	Performs event log monitoring on all Exchange 2010 UMS server roles.	Event Logs
Exchange 2010 Event Log Monitoring	Performs event log monitoring on all 2010 Exchange	Active Sync Requests / Second Availability Requests / Second Average Response Time Average Search Time Average Time to Process Free Busy Request Current Connections Download Task Queued Download Tasks Completed OWA Requests / Second Sync Commands / Second Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2010 Server Role - Client Access Servers (CAS)	Applicable on 2010 Exchange Servers with the CAS role	Copy Queue Length Replay Queue Length Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2010 Server Role - Mailbox Servers replication (MBSR)	Applicable on 2010 Exchange Servers with the MBSR role	Copy Queue Length Replay Queue Length Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC

Exchange 2010 Server Role - Edge Transport Server (ETS)	Applicable on 2010 Exchange Servers with the ETS role	Active Remote Delivery Queue Length Aggregate Delivery Queue Length All Queues Database Cache Percent Hit IO Database Reads / Second IO Database Writes / Second Largest Delivery Queue Length Log Record Stalls / Second Log Threads Waiting Poison Queue Length Retry Remote Delivery Queue Length Submission Queue Length Unreachable Queue Length Version Buckets Allocated Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Connection Attempts / Second Number by Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC
Exchange 2010 Server Role - HUB Transport Servers (HTS)	Applicable on 2010 Exchange Servers with the HTS role	Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC Logical Disk Reads / Second Logical Disk Writes / Second Physical Disk Reads / Second Physical Disk Writes / Second Active Mailbox Delivery Queue Length Active Non Smtip Delivery Queue Length Active Remote Delivery Queue Length Aggregate Delivery Queue Length All Queues IO Database Reads / Second IO Database Writes / Second Largest Delivery Queue Length Log Record Stalls / Second Log Threads Waiting Messages Completed Delivery / Second Messages Queued for Delivery / Second Messages Submitted / Second Poison Queue Length Retry Mailbox Delivery Queue Length Retry Non Step Delivery Queue Length Submission Queue Length Unreachable Queue Length Version buckets allocated

Exchange 2010 Server Role - Mailbox Servers (MBS)	Applicable on 2010 Exchange Servers with the MBS role	Client RPCs Failed Server Too Busy / Second Database Cache Percent Hit Database Cache Size MB Database Page Fault Stalls / Second Directory Access LDAP Reads / Second Directory Access LDAP Searches / Second IO Database Reads Average Latency IO Database Writes Average Latency Log Record Stalls / Second Log Threads Waiting Messages Delivered / Second Messages Queued For Submission IS Mailbox Messages Queued For Submission IS Public Replication Receive Queue Size RPC Averaged Latency RPC Client Back off / Second RPC Latency average / Second RPC Number of Slow Packets RPC Operations / Second RPC Requests RPC Requests outstanding User Count Connection Attempts / Second Number Bytes In All Heaps Number of Exceptions Thrown / Second Percent Time in GC Logical Disk Reads / Second
Exinda WAN Accelerators	Applicable on Exinda Network Application Accelerators (with the series 2061, 4061, 6060, 8060, 10060, etc.)	CIFs Accelerated Connections Community Peer State Community State CPU Load CPU Temperature CPU Utilization Licensed Details Process State RAM Utilization System Alarm State TCP Accelerated Connections WAN Memory Disk Utilization WAN Memory Peer Disk Status WAN Memory Peer Status
External HTTP URL	Monitors the HTTP-URL from an external cloud source.	HTTP URL
External HTTPS URL	Monitors the HTTPS-URL from an external cloud source.	HTTPS URL

External HTTPS URL Monitoring taking Port	Template for External HTTPS URL taking port	HTTPS URL
F5 Load Balancer	Template for F5 Load Balancer.	F5 LB Disk Utilization F5 LB Process Error Flag F5 LB System Chassis Fan Status F5 LB System Chassis Power Supply Status F5 LB System Host Disk Statistics F5 LB System Host Memory Utilization F5 LB System Uptime
Fiber Channel Connection Unit - Port	Applicable on Fiber channel based SAN switches like HP StorageWorks 2000 Modular Smart Array or Brocade or Qlogic devices. Monitors the traffic rate on each ports, also monitors different error parameters in these ports.	Connection Unit Port Errors Connection Unit Port Performance Connection Unit Status Connection Unit Port Status Connection Unit Sensor Status
Fiber Channel Connection Unit	Applicable on Fiber channel SAN switches like HP Storage Works 2000 Modular Smart Array or Brocade or Qlogic SAN devices. Monitors the Status of connection units, sensors and ports.	FiConnection Unit Port Errors Connection Unit Port Performance
Fiber Channel Port and Module	Applicable on all Fiber channel devices that support the FIBER-CHANNEL-FE-MIB. Monitors the status of the fiber channel modules, status of the ports, errors on the port and traffic rate on the port fiber elements.	Module Status Fiber Channel Fabric Details Fiber Channel Port Errors Fiber Channel Port Traffic Fiber Channel Port Status
Fortinet Fortigate Performance	Fortinet Fortigate performance monitoring template. Monitors Fortigate intrusion prevention statistics, virus statistics and web filter statistics.	Fortigate Intrusion Prevention Statistics 1 Fortigate Virus Statistics 1 Fortigate Web Filter Statistics 1

Fortinet Fortigate System	Fortinet Fortigate system monitoring template. Monitors CPU utilization, disk utilization, memory utilization, etc.	Fortinet Fortigate CPU Utilization Fortinet Fortigate Disk Utilization Fortinet Fortigate HA Auto Sync Fortinet Fortigate HA Override Fortinet Fortigate HA Schedule Load Balance Fortinet Fortigate HA Stats CPU Utilization Fortinet Fortigate HA Stats Memory Utilization Fortinet Fortigate HA Stats Network Utilization Fortinet Fortigate HA Stats Session Count Fortinet Fortigate HA Stats Session Count Fortinet Fortigate HA System Mode Fortinet Fortigate Intrusion Fortinet Fortigate Memory Utilization Fortinet Fortigate Virus Fortinet Fortigate VPN Status Fortinet Fortigate Web Filter Status Fortinet System Update Connection Status 1 Fortinet System Update Connection Status 2
Fortinet Fortigate	Template for Fortinet Fortigate	CPU Utilization Disk Utilization Memory Utilization Session Count
Fortinet system monitors	Template for Fortinet system monitors. Monitors CPU utilization, disk utilization, memory utilization and session count.	CPU Utilization Disk Utilization Memory Utilization Session Count
Fortinet System for HA Setup	Template for Fortinet system monitors in HA setup. Monitors HA CPU utilization, memory utilization, network usage and session count.	HA CPU Utilization 1 HA Memory Utilization 1 HA Network Usage 1 HA Session Count 1
Foundry Device Monitor	This template is applicable on Foundry devices. Monitors the status of power and fan. Also monitors temperature, CPU utilization, chassis CPU, memory usage and Ping.	Temperature CPU Utilization Chassis CPU Chassis Fan Status Memory Usage Chassis Power Status Ping

Foundry Monitors		Agent Buffer Shortage Agent CPU Utilization Agent DMA Failure Agent Excessive Error Warning Agent Global Resource Warning Agent Queue Over Flow Chassis Fan Status 1 Chassis Fan Status 2 Chassis Power Status 1 Chassis Power Status 2 Chassis Temperature
HP Blade System Switch monitors	This template is applicable on HP switches meant for blade system (e.g. GbE2c Ethernet Blade Switch). Monitors CPU utilization and VLAN status.	VLAN Status CPU Utilization
HP Blade Systems Rack Monitors	This template is applicable on HP Racks meant for blade system.	Enclosure Status
HP Comware Template	Template for HP Comware switch. Monitors entity CPU usage, memory usage, temperature, uptime and error status.	HP Comware Entity Alarm Light HP Comware Entity CPU Usage HP Comware Entity Error Status HP Comware Entity Memory Usage HP Comware Entity Temperature HP Comware Entity Uptime

HP ILO Template	Template for HP ILO (Integrated Lights - Out). Monitors the battery, fan, temperature, fault tolerance power supply status. Tested on HP MSL Tape Library SAN device.	CPQ DA Accelerator Battery CPQ DA Accelerator Condition CPQ DA Accelerator Error Code CPQ DA Condition CPQ HE ASR Condition CPQ HE Condition CPQ HE Event Log Condition CPQ HE Fault Tolerance Power Supply CPQ HE Resilient Memory 2 Board Condition CPQ HE Resilient Memory 2 Module Condition CPQ HE Resilient Memory Condition CPQ SE Condition CPQ SE CPU Cache Status CPQ SI Condition CPQ SM2 Condition CPQ SM2 Controller Battery Status CPQ SM2 Controller Interface Status CPQ SM2 NIC Condition CPQ SS Box Condition CPQ SS Box Fan Status CPQ SS Box Fault Tolerance Power Supply CPQ SS Box Temperature Status CPQ SS Condition Array Controller Status Logical Disk Status Physical Disk Status Chassis Fan 1 Health
HP MSL Tape Library Template	Template for HP MSL Tape Library. Monitors HP MSL Tape Library overall health status.	HP MSL Tape Hardware Version HP MSL Tape Library Manufacturer HP MSL Tape Library Overall Health HP MSL Tape Library Product Name HP MSL Tape Library Serial Number HP MSL Tape Library Version
HP Procurve Switch	Monitoring template for HP Procurve switches. Monitors memory usage, CPU utilization, ping and uptime.	CPU Utilization Memory Usage Ping Uptime
HP Proliant Array Controller monitors	This is an Array Controller monitor for HP Proliant.	Physical Disk Status Logical Disk Status Array Controller Status

HP Proliant Rack Monitors	For HP Proliant blade systems which have the Compaq/HPs Insight Manager SNMP agents installed on either Windows or Linux machines. Monitors the status of the rack servers along with the environmental parameters like fan, power and temperature.	Rack Temperature Enclosure Status Rack Power Status Rack Server Temperature Status Rack Fan Enclosure Status Rack Server Blade Status Rack Power Enclosure Status
HP Proliant Server Health Monitors	For HP Proliant servers/blade systems which have the Compaq/HPs insight Manager SNMP agents installed on either Windows or Linux machines. Monitors the CPU and environmental parameters like fan, power and temperature across the different components in the system.	Environmental Status Temperature Sensor Status CPU Status Fault Tolerant Fan Status Fault Tolerant Power Supply Status
HP Virtual Connect c- Class Blade System	Template for HP Virtual Connect Flex-10 10Gb ethernet module for BladeSystem c-Class. Monitors server condition, software running state, software running status. It also monitors the rack status.	Server Condition Software Running State Software Running Status Rack Fan Enclosure Status Rack Power Enclosure Status Rack Power Status Rack Server Blade Status Rack Server Temperature Status Rack Temperature Enclosure Status Enclosure Status
HTTP Response Time Using IP SLA	HTTP response time using IP SLA. Monitors the total response time, as well individual components like the DNS, TCP, request/response times for a given HTTP request.	HTTP Response Time HTTP Operation State HTTP URL
HTTP URL Monitoring	Template for HTTP URL monitoring. Monitors the given URL for site status and response time.	HTTP URL
HTTPS URL Monitoring	Monitors HTTPS URLs.	HTTPS URL
HTTPS-NTLM	Monitors HTTPS URLs with NTLM authentication.	HTTPS
HyperV processor ratio monitor	HyperV processor ratio monitor template.	HyperV Virtual to Logical Processor Ratio

IBM 3584 Tape Library	Template for IBM 3584 Tape Libraries. The IBM 3584 Tape Library is a stand-alone device that provides reliable, automated tape handling and storage for both mainframe and open system environment. It monitors operational status of chassis group, sub chassis group, media access device group, computer system group, changer device group, SCSI protocol controller and FC port.	Changer Device Availability Changer Device Operational Status Chassis Security Breach Computer System Operational Status FC Port Operational Status Media Access Device Availability Media Access Device Operational Status SCSI Protocol Controller Availability SCSI Protocol Controller Operational Status Sub Chassis Operational Status Sub Chassis Security Breach
IBM AIX Monitors	Applicable on IBM AIX devices. Monitors the file system usage, physical and logical volume usage and page space usage.	AIX Paging Space Utilization AIX Volume Group Utilization AIX Physical Volume Utilization AIX File System Utilization AIX File System Inodes Utilization
IBM POWER Systems	Monitors the status of different Raid parameters like disk drive, logical disk drive, disk, volume and controller.	Managed System Virtual State LED Managed System Memory Utilization Managed System Physical State LED Managed system connectivity Managed Frame State HMC Swap Utilization Managed System Physical Processor Pool Utilization LPAR LED State Managed System Processing Units available HMC CPU Utilization Managed System Shared Processor Pool Utilization LPAR Processor Utilization HMC Disk Utilization Managed System State Managed System - Current Open Events HMC Memory Utilization State of LARS on a Managed System
IBM RAID Template		RAID Disk Drive Status RAID Logical Drive Status Storage Disk Status Storage Volume Status RAID Controller Status

IBM Server Template	Monitors status of the IBM server parameters like power, temperature, voltage, processor, enclosure, memory, tachometer, logical and physical adaptor.	Temperature Status Enclosure Status Power Status Memory Status Voltage Status Processor Status Logical Network Adaptor Status Tachometer Status Physical Network Adaptor Status
IBM Server Template - 2	Monitors status of the IBM server parameters include sensor, network, processor, power and memory.	Sensor Status Network Status Processor Status Power Status Memory Status
IBM WebSphere Cast Iron System Status Template	Applicable on IBM WebSphere Cast Iron system status.	Garbage Collection Rate Completed Jobs Stored in Job Logs Secondary Device Status Platform HA Enabled System Uptime Device Details Integration Appliance HA Enabled Cast Iron Memory Utilization Total Work In Progress Disk Usage
IBM WebSphere Cast Iron Template	Applicable on IBM WebSphere Cast Iron products.	Cast Iron System Status
Interface Monitoring Full Duplex	Monitors interface status, errors & discards, traffic and utilization for Full Duplex interfaces.	Interface Error and Discard Rate Interface Status Interface Traffic Interface Utilization
Interface Monitoring Half Duplex	Monitors interface status, traffic, utilization and errors & discards for Half Duplex interfaces.	Interface Error and Discard Rate Interface Status Interface Traffic Interface Utilization
Interface monitoring template snap v1	Interface template for the devices with version v1.	Interface Error and Discard Rate Interface Status Interface Traffic Interface Utilization
Interface Status	Monitors the status of an interface.	Interface Status

IPTables Monitoring Template	Monitors IP Tables	Chain Bandwidth Close Connections Established Connections ICMP Connections IPTables Loaded IPTables Service IPTables State Change IPTables Status - Filter IPTables Status - Mangle IPTables Status - Nat SYN Connections TCP Connections Time Wait Connections UDP Connections
IronMail Health	Template to check the health of IronMail	CPU Utilization Memory Available Disk Usage Network IO SMTP Statistics
IronMail Queue Statistics	This template is applicable to the McAfee Secure Mail/Email Gateway, also known as IronMail appliance. Monitors the messages processed on each of the queues.	Messages Processed by SPAMQ Messages Processed by JOINQ Messages Processed by queue Messages Processed by CCQ Messages Processed by RIPQ Messages Processed by CFQ Messages Processed by MMQ Messages Processed by AVQ
JBoss JVM Monitor	Monitors JVM parameters on a JBoss servers.	Jboss JVM Thread Count Jboss JVM Free Swap Space Size Jboss JVM Total Swap Space Size Jboss JVM Total Physical Memory Jboss JVM Free Physical Memory Jboss JVM Average System Load Jboss JVM Loaded Class Count

JBoss Monitors	This template monitors Jboss application server by trying to access the /status page of the server and using MBeans.	Thread Pool Thread Count Jboss Available Processor Jboss Port Jboss Secure Port Jboss Web Server State Jboss Active Thread Count Global Request Processor Processing Time Thread Pool Busy Threads Global Request Processor Request Count Jboss Host Global Request Processor Bytes Sent Global Request Processor Bytes Received Global Request Processor Error Count Jboss Memory Usage Connection Pool -DB-DS - Connections In Use Connection Pool -DB-DS - Max Connections In Use Jboss URL Check Connection Pool DefaultDS - Connections In Use Jboss Web Server Status Connection Pool DefaultDS - Max Connections In Use Connection Pool-DefaultDS - Available Connections Connection Pool-DB-DS - Available Connections Jboss Response Time Connection Pool DefaultDS - Connections Count Connection Pool -DB-DS - Connections Max Size Jboss Max Pool Size Jboss Max Queue Size
JBoss URL monitoring	This monitor requests a URL and parses the returned values.	ST Server URL Check
JunPer EX Template	This template is applicable for JunPer EX series. Monitors packet tail drop rate and VLAN interface status.	Packets Tail Drop Rate Van Interface Status Fan Status Power Status RAID Status
JunPer SA Environment Monitors	This template is applicable for the JunPer SA series, Secure Access VPN Appliance. Monitors fan status, power status and RAID status.	Swap Utilization CPU Utilization Disk Utilization Memory Utilization Log File Full Percentage Temperature Packets Tail Drop Rate Van Interface Status

JunPer SA Health	This template is applicable on the JunPer SA series, Secure Access VPN Appliance. Monitors the CPU, memory, disk and swap utilization on this appliance. Also monitor the log file full percent and the temperature.	Swap Utilization CPU Utilization Disk Utilization Memory Utilization Log File Full Percentage Temperature
JunPer SA Performance Statistics	This template is applicable for the JunPer SA series, Secure Access VPN Appliance. Monitors performance statistics. Monitors the number of File Hits etc. on the appliance.	Performance Statistics
JunPer SA User Statistics	This template is applicable on the JunPer SA series, Secure Access VPN Appliance. Monitors the number of logged users.	User Statistics
JunPer SRX Monitors	This template is applicable for JunPer SRX devices. Monitors Ping, CPU utilization, memory utilization and system uptime.	Interface NAT Source Port Details NAT Source Pool Details Number of Central Point Sessions Number of Flow Session SPU Memory Utilization SPU Utilization
JunPer Standard Template	Applicable on all series like the EX series, SRX series, J series, MX series and M series. Monitors ping, CPU utilization, memory utilization, buffer utilization, temperature, operational state, FRU state and device uptime.	Buffer Utilization CPU Load CPU Utilization FRU Status FRU State Kernel Memory Utilization Memory Utilization Operational State Ping Storage Utilization System Uptime Temperature
JunPer VPN Monitors(SRX)	This template is applicable for JunPer VPN SRX monitors. Monitors the IKE and the IPSEC tunnel status in VPN SRX devices.	VPN IPSEC State VPN IKE State

JunPer WLAN Controller Template	Template for JunPer WLAN Controller. Monitors JunPer WLAN Controller Trapeze memory utilization percentage, CPU load percentage, Access Point (AP) status, AP connection and AP client session count. Tested on JunPer Networks, Inc MX-800R 7.7.2.3 REL.	JunPer WLAN Trapeze AP Client Session Count JunPer WLAN Trapeze AP Status JunPer WLAN Trapeze Cluster AP Connection JunPer WLAN Trapeze CPU Load JunPer WLAN Trapeze Memory Utilization JunPer WLAN Trapeze Power Supply Status
Kaspersky Antivirus	Performs event log monitoring on Kaspersky Antivirus.	Event Logs
LeftHand Cluster Monitors	Applicable on the HP LeftHand SAN devices. Monitors the space pool, storage latency, volume usage and volume latency.	Cluster Virtual IP Cluster Performance Cluster Space Monitor Cluster Volume Space Cluster Volume Performance Cluster Volume Snapshot Performance Cluster Volume Snapshot Space Cluster Manager Monitor
LeftHand SAN Health Monitors	This template is applicable for LeftHand SAN devices. Monitors the environmental parameters along with the cache status.	Cache Status Temperature Status Power Status Voltage Status Fan Status
LeftHand SAN NSM Storage monitors	Applicable on LeftHand SAN NSM devices. Monitors the storage device status and the RAID status on the NSM storage.	RAID Status Storage Device Status
LeftHand SAN NUS Storage monitors	Applicable on HP LeftHand SAN NUS devices. Monitors the RAID status and the storage device status.	RAID Status Storage Device Status
Linux Service Monitoring	Template for Linux service monitoring using NRPE.	Service

LSASS NTFRS Disks WMIJ Template	Template for LSASS monitors, NTFRS monitors and disk performance monitors.	Average Disk Seconds per Transfer Average Disk Write Queue Length LSASS IO Write Bytes / Second Current Disk Queue Length LSASS Memory NTFRS Handle Count Average Disk Queue Length NTFRS IO Write Bytes / Second Average Disk Seconds Per Write LSASS CPU Usage Average Disk Bytes Per Read NTFRS Memory Average Disk Seconds Per Read NTFRS CPU Usage Average Disk Bytes Per Write LSASS IO Read Bytes / Second Average Disk Read Queue Length NTFRS IO Read Bytes / Second LSASS Handle Count Average Disk Bytes Per Transfer
Mac OS Performance	Basic performance monitors for Mac OS devices. Monitors CPU, memory, disk and uptime.	CPU Disk Memory Uptime
McData SAN Switch	This template is applicable for Fiber channel switches running McData enterprise operating system(TM) firmware.	FRU Status Operational Status Port Status System Status

Meru Wireless LAN Controller Template	<p>Template for Meru Wireless LAN Controllers. This template is applicable on Meru Controllers 1550, 3200, 4200 and 6000. Monitors access point status, top 10 statistics for access points and stations and other access point statistics.</p>	<p>Access Point Status Call Access Control Base Station Subsystem Statistics Call Access Control Access Point Statistics Controller Status Failed Count Statistics Loss Percentage Statistics Noise Level Statistics Quality of Service Statistics Received Byte Count Statistics Station Per Access Point Statistics Encryption Error Count Station Per Access Point Statistics Received Packet Count Station Per Access Point Statistics Transmitted Packet Count Throughput Statistics Top 10 Access Points with Problem Top Access Point Received Frame Count Top Access Point Transmitted Frame Count Top Station Received Packet Count Top Station Transmitted Packet Count Transmitted Byte Count Statistics Transmitted Fragment Count Statistics Transmitted Frame Count Statistics</p>
Microsoft Active Directory - Event Log Monitoring	<p>Event Log monitoring template for Microsoft Active Directory Web service (AD).</p>	<p>AB Client Sessions DRA Inbound Bytes Total / Second DRA Inbound Objects Applied / Second DRA Inbound Objects / Second DRA Inbound Object Updates Remaining in Packet DRA Outbound Bytes Total / Second DRA Outbound Objects / Second DRA Pending Replication Synchronizations DS Client Binds / Second DS Directory Reads / Second DS Directory Writes / Second DS Notify Queue Size DS Server Binds / Second LDAP Active Threads LDAP Bind Time LDAP Client Sessions LDAP Searches / Second LDAP UD Operations / Second LDAP Writes / Second</p>

Microsoft Active Directory 2012 Template	Active Directory 2012 Template.	AB Client Sessions DRA Inbound Bytes Total / Second DRA Inbound Objects Applied / Second DRA Inbound Objects / Second DRA Inbound Object Updates Remaining in Packet DRA Outbound Bytes Total / Second DRA Outbound Objects / Second DRA Pending Replication Synchronizations DS Client Binds / Second DS Directory Reads / Second DS Directory Writes / Second DS Notify Queue Size DS Server Binds / Second LDAP Active Threads LDAP Bind Time LDAP Client Sessions LDAP Searches / Second LDAP UD Operations / Second LDAP Writes / Second
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Microsoft Hyper-V Server Template	Hyper-V monitoring template. Monitors available bytes, average pressure, hyper-visor partition deposited pages, etc.	Memory Available Bytes Memory Average Pressure Memory Hypervisor Partition Deposited Pages Memory Hypervisor Partition Value 2 MGPA pages Memory Hypervisor Partition Virtual Processors Memory Hypervisor Root Partition Deposited Pages Memory Hypervisor Root Partition Value 2 MGPA pages Memory Hypervisor Root Partition Virtual Processors Memory Pages / Second Memory Physical Pages Allocated Memory Remote Physical Pages CPU Percent Processor Time Logical Processor Percent Guest Run Time Logical Processor Percent Hypervisor Run Time Logical Processor Percent Idle Time Logical Processor Percent Total Run Time Root Virtual Processor Percent Guest Run Time Root Virtual Processor Percent Hypervisor Run Time Root Virtual Processor Percent Total Run Time Virtual Processor Percent Guest Run Time Virtual Processor Percent Hypervisor Run Time Virtual Processor Percent Total Run Time Hypervisor Number Of Logical Processors Hypervisor Number Of Virtual Machines Hypervisor Number Of Virtual Processors Hypervisor Total Pages
Microsoft Lync	Event log monitoring template for Microsoft Lync.	Event Log

Microsoft Lync Archiving	<p>Archiving server enable you to archive IM communications and meeting content for compliance reasons. An SQL server back end server is required to implement archiving. Monitoring server collects data about the quality of your network media, in both enterprise voice calls and A/V conferences. It also collects call error records (CERs), which you can use to troubleshoot failed calls. Additionally, it collects usage information in the form of call detail records (CDRs) about various Lync Server features so that you can calculate return on investment of your deployment and plan the future growth of your deployment. A monitoring server role can be deployed to collect statistical usage metrics for IM, conferencing and enterprise voice by tracking call detail records. Monitoring server is typically collocated with the Microsoft Lync Server 2010, archiving server. An SQL server back</p>	<p>Arch service Number Of Archiving Messages That Failed Validation Arch service Rate Of Archiving Messages That Were Dropped From Message Queuing Arch service Rate Of Archiving Messages That Were Not Written To The Database MSMQ Service Total Messages in All Queues QMS Message Transactions Failed</p>
Microsoft Lync Audio/Video Conferencing servers	<p>A/V conferencing server provides A/V conferencing functionality to your deployment. It can be collocated with front end server or deployed separately as a single server or A/V conferencing server pool. Web conferencing enables users to view, share and collaborate on documents and to share their applications and desktops with each other. A/V conferencing enables users to communicate online with real-time audio. Either A/V and web conferencing or just web conferencing, can be enabled when deploying conferencing.</p>	<p>AV MCU Number Of Conference Processing Delays AV MCU Number Of DNS Resolution Failures</p>

Microsoft Lync Back End Servers	<p>The back end servers are database servers running Microsoft SQL server that provide the database services for the front end pool. You can have a single back end server, but a cluster of two or more servers is recommended for failover. Back end servers do not run any Lync Server software. The back end server is the second of two server roles required to be in any Lync Server 2010 Enterprise Edition deployment.</p>	<p>Active Transactions To The RTC Database Active Transactions To The RTC DYN Database Active Transactions To The TEMPDB Database CPU Utilization Logical Disk Average Disk Queue Length Logical Disk Average Disk Read Rate Logical Disk Average Disk Write Rate Logical Disk Percent Idle Time Memory Available Memory Cached Bytes Percent Committed Bytes In Use Physical Disk Average Disk Queue Length Physical Disk Average Disk Read Rate Physical Disk Average Disk Write Rate Physical Disk Percent Idle Time Processor Privileged Time Processor Interrupt Time</p>
Microsoft Lync Director Servers	<p>Directors can authenticate Lync Server user requests, but not home user accounts, or provide presence or conferencing services. Directors are most useful in deployments that enable external user access, where the director can authenticate requests before sending them on to internal servers. Directors can also improve performance in organizations with multiple front end pools. Monitors SIP 503 and 504 response rates.</p>	<p>AudioVideoEdge TCP Active Relay Authenticated Sessions AudioVideoEdge TCP Active Relay Data Sessions AudioVideoEdge TCP Active Relay Sessions With Allocated Port Audio Video Edge TCP Allocate Request Rate AudioVideoEdge TCP Allocate Requests Exceeding Port Limit AudioVideoEdge TCP Authentication Failure Rate AudioVideoEdge TCP Average Packet Latency AudioVideoEdge TCP Packet Drop Rate AudioVideoEdge TCP Packet Receive Rate AudioVideoEdge TCP Packet Sent Rate AudioVideoEdge TCP Ports In Allocated Pool AudioVideoEdge UDP Active Relay Authenticated Sessions AudioVideoEdge UDP Active Relay Data Sessions AudioVideoEdge UDP Active Relay Sessions With Allocated Port AudioVideoEdge UDP Allocate Request Rate AudioVideoEdge UDP Allocate Requests Exceeding Port Limit AudioVideoEdge UDP Authentication Failure Rate - AudioVideoEdge UDP Average Packet Latency AudioVideoEdge UDP Packet Drop Rate AudioVideoEdge UDP Packet Receive Rate AudioVideoEdge UDP Packet Sent Rate</p>

Microsoft Lync Edge Servers	<p>Edge Server enables users of the organization to communicate and collaborate with users outside the organization's firewalls. These external users can include the organization's own users who are currently working offsite, users from federated partner organizations, and outside users who have been invited to join conferences hosted on Lync Server deployment. Edge Server also enables connectivity to public IM connectivity services, including Windows Live, AOL, and Yahoo! Monitors TCP Active relay authentication, data sessions, etc.</p>	<p>Address Book File Download Failed Requests / Second Address Book Search Failure Rate Address Book Search Response Time Application Sharing MCU Draining State Application Sharing MCU Health State ASMCU Number Of Application Sharing Conferences Audio Video Conferencing Number Of Occasions Conference Processing Is Delayed Audio Video MCU Draining State Audio Video MCU Health State AVMCU Number of Audio Video conferences Call Park Failed Call Park Requests Call Park Failed Requests Because No Orbit Is Available Call Park Failed Transfers To Fallback URI Data MCU Draining State Data MCU Estimated Conference Work items Load DATA MCU Health State DATA MCU Number Of Data Sharing Conferences Data MCU State Of Session Queues DB Store Queue Depth DB Store Queue Latency Expand Distribution List Response Time In minutes Expand Distribution List SOAP Exception Rate IMMCU Number Of Conferences IMMCU Throttled SIP Connections IM MCU Draining State</p>
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Microsoft Lync Front End Servers	<p>The Front End Server is the core server role, and runs many basic Lync Server functions. The Front End Server, along with the Back End Servers that provide the database, are the only server roles required to be in any Lync Server Enterprise Edition deployment. A Front End pool is a set of Front End Servers which provides scalability and failover capability for a common group of users. The Front End Server role can be collocated with A/V Conferencing Server and Mediation Server but not with Edge Server, Director, Monitoring Server, or Archiving Server. It is one of two server roles required to be in any Lync Server 2010, Enterprise Edition deployment. Monitors Address book file download failed requests per second, search failure rate, search response time, etc.</p>	<p>Address Book File Download Failed Requests / Second Address Book Search Failure Rate Address Book Search Response Time Application Sharing MCU Draining State Application Sharing MCU Health State ASMCU Number Of Application Sharing Conferences Audio Video Conferencing Number Of Occasions Conference Processing Is Delayed Audio Video MCU Draining State Audio Video MCU Health State AVMCU Number of Audio Video Conferences Call Park Failed Call Park Requests Call Park Failed Requests Because No Orbit Is Available Call Park Failed Transfers To Fallback URI Data MCU Draining State Data MCU Estimated Conference Work items Load DATA MCU Health State DATA MCU Number Of Data Sharing Conferences Data MCU State Of Session Queues DB Store Queue Depth DB Store Queue Latency Expand Distribution List Response Time In minutes Expand Distribution List SOAP Exception Rate IMMCU Number Of Conferences IMMCU Throttled SIP Connections IMMCU Draining State</p>
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Microsoft Lync Mediation Servers	<p>Mediation Server is a necessary component for implementing enterprise voice and dial-in conferencing. It translates signaling and, in some configurations, media between your internal Lync Server infrastructure and a public switched telephone network (PSTN) gateway, IP-PBX, or a Session Initiation Protocol (SIP) trunk. Mediation Server role be collocated with the front end server role in a similar manner as the web and A/V conferencing roles. Monitors current audio channels with PSM quality reporting, load call failure index, etc.</p>	<p>Address Book File Download Failed Requests / Second Address Book Search Failure Rate Address Book Search Response Time Application Sharing MCU Draining State Application Sharing MCU Health State ASMCU Number Of Application Sharing Conferences Audio Video Conferencing Number Of Occasions Conference Processing Is Delayed Audio Video MCU Draining State Audio Video MCU Health State AVMCU Number of Audio Video Conferences Call Park Failed Call Park Requests Call Park Failed Requests Because No Orbit Is Available Call Park Failed Transfers To Fallback URI Data MCU Draining State Data MCU Estimated Conference Work items Load DATA MCU Health State DATA MCU Number Of Data Sharing Conferences Data MCU State Of Session Queues DB Store Queue Depth DB Store Queue Latency Expand Distribution List Response Time In minutes Expand Distribution List SOAP Exception Rate IM MCU Number Of Conferences IM MCU Throttled SIP Connections IM MCU Draining State</p>
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Microsoft Lync Standard Edition Servers	<p>Standard edition servers are designed for small organizations and for pilot projects of large organizations. It enables many of the features of Lync Server 2010, including the necessary databases, to run on a single server. Monitors address book file download failed requests per second, search failure rate, search response time, etc</p>	<p>Address Book File Download Failed Requests / Second Address Book Search Failure Rate Address Book Search Response Time Application Sharing MCU Draining State Application Sharing MCU Health State ASMCU Number Of Application Sharing Conferences Audio Video Conferencing Number Of Occasions Conference Processing Is Delayed Audio Video MCU Draining State Audio Video MCU Health State AVMCU Number of Audio Video Conferences Call Park Failed Call Park Requests Call Park Failed Requests Because No Orbit Is Available Call Park Failed Transfers To Fallback URI Data MCU Draining State Data MCU Estimated Conference Work items Load DATA MCU Health State DATA MCU Number Of Data Sharing Conferences Data MCU State Of Session Queues DB Store Queue Depth DB Store Queue Latency Expand Distribution List Response Time / Millisecond Expand Distribution List SOAP Exception Rate IM MCU Number Of Conferences IM MCU Throttled SIP Connections IM MCU Draining State</p>
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Microsoft SQL Server 2000	Template for Microsoft SQL Server 2000. Monitors AB client sessions, broker transactions roll back, data space of DB, DS notify queue size, etc.	Buffer Cache Hit Ratio Database Cache Memory KB Free Memory KB Latch Waits / Second Lock Timeouts / Second Lock Waits / Second Longest Transaction Running Time Optimizer Memory KB Pages / Second Total Server Memory KB Transactions / Second Event Logs Average Task Counts Buffer Pool IO Rate Database Status Identify Database Blockings Number Of Connections To The SQL Server Instance Page Lookups Percentage Request Processed Signal Waits Percentage SQL Agent Jobs Status SQL Compilation Percentage SQL Server Services State
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Microsoft SQL Server 2012	MSSQL 2012 WMI based template and query based template. Monitors buffer cache hit ratio, database cache memory KB, free memory KB, etc. Also performs event log monitoring.	Buffer Cache Hit Ratio Database Cache Memory KB Free Memory KB Latch Waits / Second Lock Timeouts / Second Lock Waits / Second Longest Transaction Running Time Optimizer Memory KB Pages / Second Total Server Memory KB Transactions / Second Event Logs Average Task Counts Buffer Pool IO Rate Database Status Identify Database Blockings Number Of Connections To The SQL Server Instance Page Lookups Percentage Request Processed Signal Waits Percentage SQL Agent Jobs Status SQL Compilation Percentage SQL Server Services State
Microsoft SQL Server Data and Log Size Monitoring	Template for Microsoft SQL Server data and log size monitoring. Monitors data space and log space.	Data Log
Microsoft SQL Server Monitors Based on Synthetic Transactions	Template for MSSQL synthetic transactions monitoring.	MSSQL Synthetic
Mitel 3000 Controller - Interface Monitors	Monitors the Mitel 3000 VOIP Controllers like external layer two ethernet switch port (Uplink 1G), (Internal Port) SW to MMC expansion slot, SW to APC card, etc.	Mitel Interface Status 1 Mitel Interface Status 2 Mitel Interface Status 3 Mitel Interface Status 4 Mitel Interface Status 5 Mitel Interface Status 6 Mitel Interface Status 7

Mitel 3300 Controller - Interface Monitors	Monitors the Mitel 3300 VOIP Controllers like external layer two ethernet switch port (Uplink 1G), (Internal Port) SW to MMC expansion slot, SW to APC card, etc.	(Internal port) MCC Dev0 Interface off Power PC processor (Internal port) Power PC to SW (Internal port) SW to APC Card (Internal port) SW to MIPS Processor (Internal port) SW to MMC Expansion Slot (Internal port) SW to Power PC Processor External Layer Two Ethernet Switch Port (Uplink 1G)
Mitel Controller Monitors	Template for Mitel Controller monitors. Monitors the memory usage, current alarm level, total device licenses and total device licenses used.	Current Alarm Level Memory Usage Total Device Licenses Total Device Licenses Used
Mitel Controllers License Usage Monitors	Monitors the percent of user and device licenses used in comparison to the number of license purchased.	User Licenses Used Percentage
Monitors for NAS storage devices using SMI-S	Storage Management Initiative Specification (SMI-S). This template is applicable on all NAS device which have the CIM server running as a ECOM service. It monitors the various components of the storage system such as system status, component system status, file share status, file system status, file system utilization, logical disk status etc.	Disk Volume status File Server Status File Share Details File System Details File System Utilization Hosted Storage Pools Logical Disks Status LUN Status Protocol End Point Status System Component Status System Status
MySQL	Monitoring template for MySQL server. Monitors active process, InnoDB history length, queries deleted per second, queries inserted per second, etc.	MYSQL Active Processes MYSQL INNODB History Length MYSQL Queries Deleted / Second MYSQL Queries Inserted / Second MYSQL Queries Selected MYSQL Queries Updated / Second MYSQL Replication Status MYSQL Threads Status

NA_1Min_Apache	Monitoring template for Apache application. Monitors Apache busy workers, bytes per request, bytes per second, CPU load, etc.	Apache Busy Workers Apache Bytes / Second Apache Bytes / Second Apache CPU Load Apache Idle Workers Apache Open Slots Apache Requests / Second Apache Score Board Apache Total Accesses Apache Total k Bytes Apache Uptime
NA_1Min_Basic	Template for basic performance monitors. Monitors CPU, disk, memory, uptime, network, free disk, load and CPU stats.	CPU Disk Memory Uptime Network Free Disk Load CPU Stats Percentage Disk Utilization Percentage Memory Utilization
NA_1Min_MongoDB	Monitoring template for MongoDB application. Monitors active clients, asserts, background average flush, BTree, etc.	Mongo DB Active Clients Mongo DB Asserts Mongo DB Background Average Flush Mongo DB B Tree Mongo DB Connections Mongo DB Current Queue Mongo DB Cursors Mongo DB Heap Usage Mongo DB Journal Commits In WL Mongo DB Journal Status Mongo DB Lock Mongo DB Memory Mongo DB Network Requests Mongo DB OP Counters Mongo DB Page Faults Mongo DB Replica Primary Mongo DB Replication Lag Mongo DB Replication State Mongo DB Size Mongo DB Uptime
NA_3Cinteractive_Tomcat_CPU	Monitoring template for CPU of Tomcat servers in 3Cinteractive client.	Tomcat CPU 3Ci

NA_Apache	Monitoring template for Apache application. Monitors Apache busy workers, bytes per request, bytes per second, etc.	Apache Busy Workers Apache Bytes Per Request Apache Bytes / Second Apache CPU Load Apache Idle Workers Apache Open Slots Apache Requests / Second Apache Score Board Apache Total Accesses Apache Total k Bytes Apache Uptime
NA_Basic_RBA_Apache	Template for basic monitoring of Apache RBA	CPU Disk Memory Uptime Network Free Disk Load CPU Stats Percentage Disk Utilization Percentage Memory Utilization
NA_Basic	Template for basic performance monitors	CPU Disk Memory Uptime Network Free Disk Load CPU Stats Percentage Disk Utilization Percentage Memory Utilization
NA_IPTables_Template	Monitoring Template for IP Tables application. Monitors chain bandwidth, close connections, established connections, filter failures, etc.	IP Tables Chain Bandwidth IP Tables Close Connections IP Tables Established Connections IP Tables Filter Rules IP Tables ICMP Connections IP Tables Loaded IP Tables Mangle Rules IP Tables Nat Rules IP Tables State IP Tables SYN Connections IP Tables TCP Connections IP Tables Time Wait Connections IP Tables UDP Connections

NA_MongoDB_Template	Monitoring Template for Mongo database application. Monitors active clients, asserts, background average flush, Btree, etc.	Mongo DB Active Clients Mongo DB Asserts Mongo DB Background Average Flush Mongo DB B Tree Mongo DB Connections Mongo DB Current Queue Mongo DB Cursors Mongo DB Heap Usage Mongo DB Journal Commits In WL Mongo DB Journal Status Mongo DB Lock Mongo DB Memory Mongo DB Network Requests Mongo DB OP Counters Mongo DB Page Faults Mongo DB Replica Primary Mongo DB Replication Lag Mongo DB Replication State Mongo DB Size Mongo DB Uptime
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NA_MySQL_Global _Stats_Template	Monitoring template for MySQL application statistics. Monitors bin log cache disk use, bin log cache use, etc.	MySQL Bin Log Cache Disk Use MySQL Bin Log Cache Use MySQL Bin Log Stmt Cache Disk Use MySQL Bytes Received MySQL Bytes Sent MySQL Com Call Procedure MySQL Com Delete MySQL Com Delete Multi MySQL Com Insert MySQL Com Insert Select MySQL Com Replace MySQL Com Replace Select MySQL Com Select MySQL Com Update MySQL Com Update Multi MySQL Created TMP Disk Tables MySQL Created TMP Files MySQL Created TMP Tables MySQL Handler Delete MySQL Handler Read First MySQL Handler Read Key MySQL Handler Read Last MySQL Handler Read Next MySQL Handler Read Previous MySQL Handler Read Rend MySQL Handler Read Rend Next MySQL Handler Update
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NA_MySQL_InnoDB_Stats_Template	Monitoring template for MySQL InnoDB application statistics. Monitors InnoDB buffer pool hit rate, buffer pool pages data, buffer pool pages dirty, etc.	MySQL Inno DB Buffer Pool Hit Rate MySQL Inno DB Buffer Pool Pages Data MySQL Inno DB Buffer Pool Pages Dirty MySQL Inno DB Buffer Pool Pages Flushed MySQL Inno DB Buffer Pool Pages Free MySQL Inno DB Buffer Pool Pages Misc MySQL Inno DB Buffer Pool Pages Total MySQL Inno DB Buffer Pool Read Requests MySQL Inno DB Buffer Pool Reads MySQL Inno DB Buffer Pool Size MySQL Inno DB Data F Syncs MySQL Inno DB Data Read MySQL Inno DB Data Reads MySQL Inno DB Data Writes MySQL Inno DB Data Written MySQL Inno DB Flush Log At TRX Commit MySQL Inno DB Force Recovery MySQL Inno DB Hash Searches MySQL Inno DB IO Capacity MySQL Inno DB Log Buffer Size MySQL Inno DB Log File Size MySQL Inno DB Log Flushed Up to MySQL Inno DB Log Last Check Point MySQL Inno DB Non Hash Searches MySQL Inno DB Queries Queue MySQL Inno DB Row Lock Time MySQL Inno DB Row Lock Waits
NA_MySQL_Template	Monitoring template for MySQL application. Monitors command statistics, select statistics, slave status, threads, etc.	MySQL Command Statistics MySQL Select Statistics MySQL Slave Status MySQL Threads MySQL Threads Connected MySQL Traffic

NA_MySQL_Variable_Stats_Template	Monitoring template for MySQL application statistics. Monitors aborted clients, aborted connects, command statistics, foreign key checks, log warnings, etc.	MySQL Aborted Clients MySQL Aborted Connects MySQL Command Statistics MySQL Foreign Key Checks MySQL Log Warnings MySQL Long Query Time MySQL Max Heap Table Size MySQL Max Used Connections MySQL Max User Connections MySQL Open Table Cache MySQL Q Cache Used Blocks MySQL Q Cache Used Memory MySQL Queries MySQL Query Cache Free Blocks MySQL Query Cache Free Memory MySQL Query Cache Hits MySQL Query Cache Inserts MySQL Query Cache Low Memory Purnes MySQL Query Cache Not Cached MySQL Query Cache Queries In Cache MySQL Query Cache Size MySQL Query Cache Total Blocks MySQL Select Statistics MySQL Slave Status MySQL Table Definition Cache MySQL Thread Cache Size MySQL Threads Cached
NAS Monitors	Monitoring template for NAS Storage devices. Monitors volume size, volume free percent, volume state and volume free space.	Volume Size Volume Free Percent Volume State Volume Free Space
VCare Agent Status	Monitors the status of the VCare agent on end devices. Monitors basic performance metrics.	Agent Status
NCI-RBA-Linux-template_SHELL_RBA-2	Template for Linux Shell RBA	CPU Disk Memory Uptime Network Free Disk Load CPU Stats

APC Powerchute Monitor Template	Template for APC Powerchute	Event Logs
AppAssure Replay Template	Template for AppAssure Replay. Performs event log monitoring.	Event Logs
Blackberry Enterprise Server Template	Template for BlackBerry enterprise server. Monitors messages expired, messages filtered, messages queued for delivery, messages received and messages sent. Also performs event log monitoring.	Event Logs Messages Expired Messages Filtered Messages Queued For Delivery Messages Received Messages Sent
BlackBerry Server 5.0	Template for all BlackBerry application version 5.0. Monitors messages expired, messages filtered, messages queued for delivery, messages received and messages sent. Also performs event log monitoring.	Event Logs Messages Expired Messages Filtered Messages Queued For Delivery Messages Received Messages Sent
Custom BlackBerry Enterprise Template	Template for Custom BlackBerry performance counters WMI timeout. Monitors messages expired, messages filtered, messages queued for delivery, etc. Also performs event log monitoring.	Event Logs Messages Expired Messages Filtered Messages Queued For Delivery Messages Received Messages Sent
Custom BlackBerry Server 5.0	Template for all BlackBerry application version 5.0 - Performance counters WMI timeout. Monitors messages expired, messages filtered, messages queued for delivery, etc. Also performs event log monitoring.	Event Logs Messages Expired Messages Filtered Messages Queued For Delivery Messages Received Messages Sent
Custom CPU0Mem0 Windows Performance Counters and System Event Log Template	CPU0 Mem98-120 - monitors all system event log failures and basic performance counter on a windows server.	CPU Disk Memory Uptime Network Free Disk Load CPU Stats Percentage Disk Utilization Percentage Memory Utilization

Custom CPU0Mem2 Windows Performance Counters and System Event Log Template	CPU0 Mem98-120 - monitors all system event log failures and basic performance counter on a windows server. Monitors all system event log failures and basic performance counter on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom CPU1Mem0 Performance Counters and System Events	CPU97-60 Mem98-120 - monitors all system event log failures and basic performance counter on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom CPU1Mem2 Delay Performance Counters and System Error Events	CPU99-120 No Memory - monitors all system event log failures and basic performance counter on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom CPU2Mem0 Performance Counter and System Events Template	CPU99-120 Mem98-120 - monitors all system event log failures and basic performance counters on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom CPU2Mem2 Performance Counters and System Events Template	CPU99-120 Mem98-120 - monitors all system event log failures and basic performance counters on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization

Custom Dell Template for Integracon	Template for Integracon	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom Mem0 Performance Counters and System Events Template	Monitors all system event log failures and basic performance counter on a windows server.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Custom Mem2 Delay Performance Counters and System Events	Every applicable device has a custom escalation matrix. Additionally, there are three other escalation matrices that can be used for any alerts.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization
Default Template - Event Logs	Default event log monitoring template to monitor event logs.	Event Log
Default Template - Performance Counters	Default template for all performance counters.	CPU Disk Memory Uptime Event Log Network Free Disk Percentage Disk Utilization Percentage Memory Utilization

Dell Hardware Template	Dell hardware event log monitoring template. All SNMP and event log monitors	Array Controller Components Status Array Controller Status Chassis Intrusion Detection Chassis Intrusion Object Chassis Intrusion Type Fan 1 Speed High Threshold Fan 1 Speed Low Threshold Fan 2 Speed High Threshold Fan 2 Speed Low Threshold Fan 3 Speed High Threshold Fan 3 Speed Low Threshold Fan 4 Speed High Threshold Fan 4 Speed Low Threshold Fan 5 Speed High Threshold Fan 5 Speed Low Threshold Fan 6 Speed High Threshold Fan 6 Speed Low Threshold Fan 7 Speed High Threshold Fan 7 Speed Low Threshold Hard Drive 1 Status Hard Drive 2 Status Hard Drive 3 Status Hard Drive 4 Status Memory DIMM Socket 1 Memory DIMM Socket 2 Memory DIMM Socket 3 Memory DIMM Socket 4
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HP and Compaq Template	All SNMP and event log monitors	Chassis Fan 1 Health Chassis Fan 2 Health Chassis Fan 3 Health Chassis Fan 4 Health Chassis Fan 5 Health Chassis Fan 6 Health Chassis Fan 7 Health Chassis Fan 8 Health CPU 1% Usage over 5 Minutes CPU 1 Health CPU 1 Name CPU 1 Speed CPU 1 Step Ping CPU 2% Usage over 5 Minutes CPU 2 Health CPU 2 Name CPU 2 Speed CPU 2 Step Ping CPU 3% Usage over 5 minutes CPU 3 Health CPU 3 Name CPU 3 Speed CPU 3 StepPing CPU 4% Usage over 5 minute CPU 4 Health CPU 4 Name CPU 4 Speed
HP Event Log Monitoring Template	All SNMP and event log monitors.	Event Logs
HP Procurve Switch	Monitoring template for HP Procurve Switches. Monitors memory usage, CPU utilization and uptime	HP Procurve Switch CPU HP Procurve Switch Memory HP Procurve Switch Uptime

HTS_IBM	This template is specific to HTS due to a different SNMP community string	Fan 1 Sensor Fan 2 Sensor Fan 3 Sensor Fan 4 Sensor Hard Disk 1 Status Hard Disk 2 Status Hard Disk 3 Status Hard Disk 4 Status Hard Drive 1 Failure Hard Drive 2 Failure Hard Drive 3 Failure Hard Drive 4 Failure IBM CPU Memory Bank 1 Error Memory Bank 2 Error Memory Bank 3 Error Memory Bank 4 Error Temperature Sensor 1 Reading Temperature Sensor 2 Reading Temperature Sensor 3 Reading Voltage Sensor 1 Reading Voltage Sensor 2 Reading Voltage Sensor 3 Reading Voltage Sensor 4 Reading Event Logs
IBM Event monitoring template	IBM event monitoring template	Event Logs

IBM Hardware Template	Template for IBM SNMP and event log monitoring	Event Logs Fan 1 Sensor Fan 2 Sensor Fan 3 Sensor Fan 4 Sensor Hard Disk 1 Status Hard Disk 2 Status Hard Disk 3 Status Hard Disk 4 Status Hard Drive 1 Failure Hard Drive 2 Failure Hard Drive 3 Failure Hard Drive 4 Failure IBM CPU Memory Bank 1 Error Memory Bank 2 Error Memory Bank 3 Error Memory Bank 4 Error Temperature Sensor 1 Reading Temperature Sensor 2 Reading Temperature Sensor 3 Reading Voltage Sensor 1 Reading Voltage Sensor 2 Reading Voltage Sensor 3 Reading Voltage Sensor 4 Reading
Microsoft Windows SharePoint Services 3.0	Microsoft Windows SharePoint Services 3.0	Event Logs
Oracle Monitoring Template	Oracle monitoring template	Oracle Blocking Lock Queries Oracle Cache Invalidations Oracle Data File Disk Reads Oracle Data File Disk Writes Oracle Data File size Allocated Oracle Library Cache Gets Oracle Library Cache Reloads Oracle Long Running Queries Oracle Processes Oracle Sessions Oracle Table Scan Blocks Oracle Table Space Allocated Oracle Table Space Free Oracle User Rollbacks Oracle Users Commit

SBS High Performance No Memory Alert	No memory alerts with basic monitoring	CPU Disk Memory Uptime Event Logs Percentage Disk Utilization Percentage Memory Utilization
SBS High Performance Template	Monitors system event log and basic performance for 30 Min.	CPU Disk Memory Uptime Event Logs Percentage Disk Utilization Percentage Memory Utilization
SBS Performance	SBS Servers with high CPU and memory alerts for five minutes.	CPU Disk Memory Uptime Event Logs Percentage Disk Utilization Percentage Memory Utilization
ShadowProtect backup	ShadowProtect backup template. Performs event log monitoring.	Event Logs
SNMP Linux	SNMP Linux template. Monitors memory and uptime.	Memory Uptime CPU
Sonicwall v2	Sonicwall Template v2 monitors CPU utilization, number of active connections and RAM utilization	CPU Utilization RAM Utilization RAM Utilization
Switch/ Router	NE Switch/ Router templates. Monitors CPU load and system uptime.	CPU Utilization Number of Active Connections RAM Utilization
Symantec Antivirus	Template for Symantec Antivirus.	CPU 1 Minute Load CPU 5 Minute load CPU 5 Second Load System Uptime
Symantec Backup Exec System Recovery	Template for Symantec Backup Exec monitors like failed jobs, total bytes, total directories and total files. Also performs event log monitoring.	Event Logs Failed Jobs Total Bytes Total Directories Total Files
Windows NT Backup	Performs event log monitoring on Windows NT Backup.	Event Logs

12.5_Symantec_Backup_Exec	Monitors failed jobs, total bytes, total directories and total files.	Failed Jobs Total Bytes Total Directories Total Files Event Logs
AD	AD template	Event Logs AB Client Sessions DRA Inbound Bytes Total / Second DRA Inbound Objects Applied / Second DRA Inbound Objects / Second DRA Inbound Object Updates Remaining in Packet DRA Outbound Bytes Total / Second DRA Outbound Objects / Second DRA Pending Replication Synchronizations DS Client Binds / Second DS Directory Reads / Second DS Directory Writes / Second DS Notify Queue Size DS Server Binds / Second Kerberos Authentications LDAP Active Threads LDAP Bind Time LDAP Client Sessions LDAP Searches / Second LDAP UD Operations / Second LDAP Writes / Second NTLM Authentications
IIS_Template	IIS Template applicable on all exchange server roles.	Connection Attempts / Second Current Connections Locked Errors / Second Logon Attempts / Second Not Found Errors / Second Requests Not Found ASP Requests Queued ASP Requests Queued ASP NET Request Wait Time ASP Request Wait Time ASP NET Total Connection Attempts All Instances Total Locked Errors Total Not Found Errors
Knowledgecentrix_Custom_MSSQL_2005_Template	MSSQL 2005 Knowledge Matrix template	Event Logs

RBA-Linux-template_PERL_RBA-2	RBA Linux Perl template	CPU Disk Memory Uptime Network Free Disk Load CPU Stats
RBA-Linux-template_SHELL_RBA-2	Monitors basic LINUX RBA SHELL performance metrics.	CPU Disk Memory Uptime Network Free Disk Load CPU Stats
Net Unified Exchange	Applicable on all Unified Exchange (UX) Gateways. Provides the details about UX chassis type, IP system version, SG status, DSP status, DSP CPU utilization. Tested on Unified Exchange Gateway 1000 series.	UX Chassis UX DSP CPU Utilization UX DSP Resources Status UX IP System UX Signaling Group Status

NetApp Monitors	Monitoring template for NetApp SAN devices. Monitors NetApp-disk write, NetApp-temperature, NetApp-consistency full time, NetApp available disk space 64 etc.	NetApp Disk Write NetApp Temperature NetApp Consistency Full Time NetApp Available Disk Space 64 NetApp CPU Load NetApp Tape Write Uptime NetApp Available Disk Space NetApp Net Received NetApp NVRAM Battery NetApp NDMP Sessions NetApp I Node Space Available NetApp Snap Shot NetApp Cache Age NetApp Global Status NetApp Back to Back Consistency NetApp CIFS Operations NetApp Net Sent NetApp Tape Read NetApp Failed Disk Ping NetApp Disk Read NetApp Power Supply NetApp Fan NetApp NFS Operations
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NetApp Storage - SNMP Monitors	<p>Template for NetApp storage devices. Monitors clustered failover interconnect status, partner status, failover state, CPU utilization, CPU idle time etc.</p> <p>Tested on NetApp storage device.</p>	<p>NetApp Back-to-Back Consistency Point Operations</p> <p>NetApp Cache Age</p> <p>NetApp Clustered Failover Interconnect Status</p> <p>NetApp Clustered Failover Partner Status</p> <p>NetApp Clustered Failover State</p> <p>NetApp Consistency Point Operations Due to Full Log</p> <p>NetApp Context Switches</p> <p>NetApp CPU Idle Time</p> <p>NetApp CPU Utilization</p> <p>NetApp Data Received Rate</p> <p>NetApp Data Sent Rate</p> <p>NetApp Fabric Interconnect Status</p> <p>NetApp Fabric Port Status</p> <p>NetApp File System Inode Utilization</p> <p>NetApp File System Mirror Status</p> <p>NetApp File System Space Utilization</p> <p>NetApp File System Status</p> <p>NetApp Global Status</p> <p>NetApp Number of CIFS Operations</p> <p>NetApp Number of Failed Disks</p> <p>NetApp Number of Failed Fans</p> <p>NetApp Number of Failed Power Supplies</p> <p>NetApp Number of NDMP Sessions</p> <p>NetApp Number of NFS Calls</p> <p>NetApp Number of Rejected NFS Calls</p> <p>NetApp NVRAM Battery Status</p> <p>NetApp Out of Date Disks</p>
NetScreen Device Health	<p>Applicable for devices using ScreenOS. Monitors CPU utilization, memory utilization and session details.</p>	<p>CPU Utilization</p> <p>Session Details</p> <p>Memory Utilization</p>
NetScreen Environmental Monitors	<p>Applicable on devices running ScreenOS. Monitors the power, fan, temperature and battery status on a NetScreen chassis.</p>	<p>Battery Status</p> <p>Fan Status</p> <p>Power Supply Status</p> <p>Temperature</p>
NetScreen VPN Monitor	<p>Applicable on devices running ScreenOS. Monitors the VPN availability and current status.</p>	<p>VPN IKE State</p> <p>VPN IPSEC State</p>

NSG Monitoring Template	Monitoring template to monitor the NSG	HDD Temperature Monitoring Status NAGIOS Stats Ping UNIX CPU UNIX CPU Stats UNIX Load UNIX Memory UNIX Storage UNIX Uptime
NSG Monitoring Template for SG100	Monitors the NSG CPU, memory, etc. parameters for SG100 type boxes.	Monitoring Status NAGIOS Stats Ping UNIX CPU UNIX CPU Stats UNIX Load UNIX Memory UNIX Storage UNIX Uptime
NSG Process Monitoring	Monitors the process with the given name.	Process
NSG Process Monitoring - Full Path	Monitors the process with the given name. We need to give full process name as we see in "ps -ef" command output	Process Monitor
Oracle	Monitors basic Oracle synthetic transactions	Oracle Blocking Lock Queries Oracle Cache Invalidations Oracle Data File Disk Reads Oracle Data File Disk Writes Oracle Data File Size Allocated Oracle DB Status Oracle Library Cache Gets Oracle Library Cache Reloads Oracle Long Running Queries Oracle Processes Oracle Sessions Oracle Table Scan Blocks Oracle Table Space Allocated Oracle Table Space Free Oracle User Rollbacks Oracle Users Commit
Ping Monitoring	Monitors whether device is reachable or not	Ping
Ping Monitoring_NO ALERTING	Monitors whether device is reachable or not but alerting not available.	Ping

Postgres Monitoring	Connects to the Postgres database and queries for statistics.	PgSQL Connections Idle in Transaction PgSQL Connections in Idle State PgSQL Connections Total PgSQL Connections Running Query PgSQL Connections Waiting PgSQL Autovac Freeze PgSQL Buffers Clear PgSQL Buffers Total PgSQL Buffers In Real Time PgSQL Buffers Used PgSQL dbstat: Blocks Hit / Seconds PgSQL dbstat: Blocks Read / Seconds PgSQL dbstat: Commits / Seconds PgSQL dbstat: Rollbacks / Seconds PgSQL dbstat: Tuples Deleted / Seconds PgSQL dbstat: Tuples Fetched / Seconds PgSQL dbstat: Tuples Inserted / Seconds PgSQL dbstat: Tuples Returned / Seconds PgSQL Ping Response Time / Seconds PgSQL: fem. Pages Used Percentage PgSQL: fem. Relations Used Percentage PgSQL: Locks - All PgSQL: Locks - Granted PgSQL: Locks - Not Granted PgSQL: Max Age of Running Query / Seconds PgSQL: Max Idle tax Age / Seconds PgSQL: Number of WAL files
QNAP NAS device template	Applicable on the QNAP NAS devices. Monitors the CPU, memory, hard disk, volume state and other hardware parameters.	CPU Temperature CPU Utilization Fan Speed Hard Disk SMART Status Hard Disk Status Hard Disk Temperature Memory Utilization System Temperature Volume Status Volume Usage

Quality of Service (QOS) for UDP Traffic	Monitors QOS for UDP Traffic using IP SLA.	Jitter Destination - Source / Millisecond UDP Traffic Jitter Source - Destination / Millisecond UDP Traffic Latency Destination - Source / Millisecond UDP Traffic Latency Source - Destination / Millisecond UDP Traffic Packet Loss- In Percent UDP Traffic Round Trip Time / Millisecond UDP Traffic UDP Operation State
Quality of Service (QOS) for UDP VOIP Traffic	Monitors QOS for UDP VOIP Traffic using IP SLA.	Calculated Planning Impairment Factor ICPIF VOIP Traffic Jitter Destination - Source In Milliseconds VOIP Traffic Jitter Source - Destination In Milliseconds VOIP Traffic Latency Destination - Source In Milliseconds VOIP Traffic Latency Source - Destination In Milliseconds VOIP Traffic Mean Opinion Score VOIP Traffic Packet Loss- In Percent VOIP Traffic Round Trip Time in Milliseconds VOIP Traffic UDP VOIP Operation State
ReadyNAS Unified SAN and NAS systems	Applicable on the ReadyNAS 4200, 3200, 3100, 2100 and 1100 devices. Monitors the disks, volumes, fans, temperature sensors and the power unit status.	Disk Status Disk Temperature Fan Speed PSU Status Temperature Probe Volume Status Volume Utilization
Remote Ping for Cisco	This monitor executes the Ping command from a remote Cisco machine.	Remote Ping
Riverbed Steelhead Template	Applicable on the Riverbed Steelhead devices. Monitors the system health, CPU utilization, temperature, aggregated bandwidth, pass-through traffic, temperature etc.	Aggregate Bandwidth CPU Utilization Current Connections Data Store Metrics Pass Through Traffic System Health Temperature

Sentry CDU Switch Template	Template for Sentry Cabinet Distribution Unit (CDU) Switch. Monitors analog to digital converter status, branch status, contact closure sensor status, in feed status, in feed load status, etc.	Sentry CDU A 2 D Converter Status Sentry CDU Branch Status Sentry CDU Contact Closure Sensor Status Sentry CDU In Feed Load Status Sentry CDU In Feed Status Sentry CDU Outlet Load Status Sentry CDU Outlet Status Sentry CDU Temperature Sensor Status Sentry CDU Tower AV Capacity Used Sentry CDU Water Sensor Status
ShadowProtect Datto Backup Monitor	Shadow protect Datto Backup monitor. Performs event log monitoring.	Event Logs
SharePoint 2010	Template specific to SharePoint 2010 monitoring	Average Data Adapter Query Duration Average Data Connection Submit Duration Average Disk Queue Length Average Disk Read Queue Length Average Disk Write Queue Length Average Session Duration Average Transaction Duration Bytes Received / Second Bytes Sent / Second Context Switches / Second Current Connections Data Connection Query Completed Rate Data Connection Query Failure Rate Data Connection Submit Completed Rate Data Connection Submit Failure Rate Data Connection Submit Started Rate Disk Reads / Second Disk Writes / Second Get Requests / Second Page Faults / Second Percent Idle Time Percent Time in GC Percent Usage Processor Queue Length Requests / Second Requests Queued Request Wait Time
SharePoint 2010 - Event Log Monitoring Template	Template for SharePoint 2010 event log monitors.	Event Logs
ShoreTel Event Logs	Event log monitoring for ShoreTel	Event Logs

ShoreTel Server	This template is to monitor the ShoreTel server hosted on Windows. Monitor CPU, memory, disk, ShoreTel processes and mysql service.	Windows Services Windows Memory Windows Uptime Windows CPU Ping WINDOWS DISK
SMI-S based common monitors for both NAS and SAN	Storage Management Initiative Specification (SMI-S) defines a method for the interoperable management of a heterogeneous storage systems and describes the information available to a WBEM Client from an SMI-S compliant CIM Server. This template is applicable on both NAS and SAN device which have the CIM server running as a ECOM service. All status monitors in this template creates an alert.	Back-End Port Status SMI-S Battery Status SMI-S Fan Status SMI-S Front-End Port Status SMI-S iSCSI Node Health SMI-S iSCSI Port Status SMI-S iSCSI Session Health SMI-S Power Supply Status SMI-S
SMI-S based monitors for SAN	This template is applicable on SAN device which have the CIM server running as a ECOM service.	Component System Status SMI-S Disk Drive Status SMI-S I/O Rate Per Volume I/O Response Time Per Volume SMI-S Overall System I/O Rate Overall System I/O Response Time SMI-S Percent Hit Per Component System SMI-S Percent Hit Per Volume SMI-S Queue Depth For Each Volume SMI-S Read I/O Percent Per Component System SMI-S Read I/O Percent Per Volume SMI-S Storage Pool Utilization SMI-S Storage Volumes Status SMI-S System Status SMI-S Write I/O Percent Per Component System SMI-S Write I/O Percent Per Volume SMI-S

SNMP based Cisco UCS - chassis Monitors	Monitors the chassis in a UCS deployment. Applicable on UCS manager.	Chassis PSU Status Chassis IO Card Voltage State Chassis License Status Chassis Configuration Status Chassis IO Modules Backplane Ports Status Chassis IO Modules Fabric Ports Status Chassis IO Card Operational Status Chassis Power Status Chassis Fan Unit Status Chassis Thermal Status Chassis Fan Module Status Chassis IO Card Power State Chassis IO Card Thermal State Chassis Operational Status
SNMP based Cisco UCS - Adaptor Unit monitors	Monitors the various interfaces in a given UCS deployment. The interfaces could belong either to the switches or to the blade servers. Applicable on the UCS manager.	Network Adaptor VSAN Status Network Adaptor Voltage Status Network Adaptor Power Status Network Adaptor VLAN Status Network Adaptor Operational Status Network Adaptor Thermal Status
SNMP based Cisco UCS - Blade monitors	Monitors the blade components like blade server status, memory and processor status, etc. for a UCS deployment.	Blade Association Status Blade Memory Array Voltage Status Blade IO Hub Status Blade Availability Blade Motherboard Status Blade Memory Utilization Blade PSU Status Blade Processor Voltage Blade Power Status Blade Processor Status Blade Status Blade Processor Power Blade Memory Array Thermal Status Blade Memory Array Status Blade Memory Array Power Status Blade Processor Thermal Blade Memory Unit Blade Motherboard Power Status

SNMP based Cisco UCS - Fabric Interconnect	Template for Cisco UCS - Fabric Interconnect. Monitors memory, load, and storage details for all the fabric interconnects in a given UCS deployment.	Fabric Interconnect Storage Controller Thermal Status Fabric Interconnect Load Fabric Interconnect Storage Controller Power Status Fabric Interconnect Available Memory Fabric Interconnect Storage Controller Status Fabric Interconnect Module Status Fabric Interconnect Uplink Fabric Ports Fabric Interconnect Storage Unit Utilization Fabric Interconnect Total Memory Fabric Interconnect Uplink Ethernet Ports Fabric Interconnect Storage Controller Voltage Status Fabric Interconnect RAID Battery Status Fabric Interconnect Status
SonicWall Firewall	Applicable on the SonicWall firewall appliance. Monitors VPN performance, health, active connections	CPU Utilization RAM Utilization RAM Utilization
SonicWall NSA Monitors	Applicable on the SonicWall NSA appliance. Monitors VPN performance, health, active connections	VPN Performance Health Active Connections
SonicWall TZ Monitors	Template for SonicWall TZ Monitors.	In Bound Traffic 1 In Bound Traffic 2 In Bound Traffic 3 In Bound Traffic 4 Out Bound Traffic 1 Out Bound Traffic 2 Out Bound Traffic 3 Out Bound Traffic 4
SonicWall TZ Monitors - Mitchell	Template for SonicWall TZ monitors specific to Mitchell	In Bound Traffic 5 Out Bound Traffic 5
SSL Certificate Expiry	Monitors SSL Certificate expiry of URL.	SSL Certificate Expiry

Standard Active Directory Monitoring	Applicable on AD devices. Monitors standard services of AD devices.	LSASS Memory LDAP Client Sessions LSASS IO Read Bytes / Second NTFRS Memory NTFRS CPU Usage NTFRS IO Write Bytes / Second NTFRS IO Read Bytes / Second DRA Outbound Bytes Total / Second DS Directory Writes / Second DRA Inbound Objects / Second NTFRS Handle Count LDAP UD Operations / Second DS Directory Reads / Second DRA Inbound Object Updates Remaining in Packet LSASS Handle Count DS Server Binds / Second LSASS IO Write Bytes / Second DRA Outbound Objects / Second DS Client Binds / Second DRA Pending Replication Synchronizations LDAP Searches / Second LDAP Writes / Second DRA Inbound Objects Applied / Second DRA Inbound Bytes Total / Second LSASS CPU Usage
Standard Disk Performance WMI Template	Standard disk performance monitors for Windows devices.	Average Disk Bytes Per Write Memory Free System Page Table Entries Percent Privileged Time Paging File Percent Usage Current Disk Queue Length Average Disk Seconds Per Read Processor Queue Length Average Disk Bytes Per Transfer Average Disk Seconds Per Write Average Disk Read Queue Length Memory Pages / Second Average Disk Seconds Per Transfer Average Disk Write Queue Length Average Disk Bytes Per Read Context Switches / Second Average Disk Queue Length Memory Pages Input / Second

Standard vCenter Monitoring	Monitoring template for vCenter.	VCenter CPU VCenter IO VCenter Memory Ping VCenter Instances VCenter Storage
Symantec Backup Agent for Windows	Template for Symantec Backup event logs	Event Logs
Symantec Backup Exec 2010	Template for Symantec Backup Exec 2010.	Event Logs Aborted Jobs Active Job Count Backup Device Wait Time Device Wait Time Failed Jobs JM Job Completion Rate JM Ready Job Count Server Active Time TP Currently Queued Work Items TP Worker Pool Thread Count TP Work Item Process Rate
Symantec Backup Exec 2012 - Event Logs	Event Logs monitoring for Symantec Backup Exec 2012.	Event Logs
Symantec Cloud Backup	Template for Symantec cloud backup. Performs event log monitoring.	Event Logs
Symantec System Recovery 2011	Monitors SSR using Event logs. SSR also supports SNMP traps.	Event Logs
System Performance	Template for System Performance monitor	Context Switches / Second Current Disk Queue Length Processor Queue Length
TCP Monitoring from NRPE Server	Monitors TCP connection from the NRPE server to the TCP server on the given port.	TCP
TCP Port Monitoring	TCP Port Monitoring	TCP
Tech Solution - Dakotaland - 192.168.1.1 CPU	Template to monitor Tech Solutions Dakotaland.	Tech Solutions Dakotaland 192.168.1.1 Celeron CPU1 Utilization Tech Solutions Dakotaland 192.168.1.1 Celeron CPU2 Utilization
Temp_Test_EX_MS G_QUEUE		Active Messages Delayed Messages Ready Messages Suspended Messages

Terminal Services	Template for terminal services. Monitors active sessions, inactive sessions, output errors, processor time etc.	Active Sessions Inactive Sessions Output Errors Percent Processor Time Private Bytes Total Errors Total Timeouts Total Transport Errors
Total Access Monitors	Applicable on total access devices which are less than the 3rd gen. It can also be applied on Netvanta devices. Monitors the CPU, memory, call quality metrics.	Interface Level Packet Discard Interface Level Packet Loss Device Status Interface Level Delay Call MOS Quality Interface Level MOS Score CPU Utilization Heap Memory Utilization
UNIX	Monitors basic UNIX parameters.	UNIX Storage Ping UNIX Load UNIX CPU UNIX Memory UNIX CPU Stats UNIX Uptime
VaultLogix Monitors	Template to monitor VaultLogic	CPU Disk Memory Uptime Event Logs
Veeam Backup Application - Event Log	Event log monitoring template for Veeam backup application.	Event Logs
VMware VCenter - Event Log Monitoring	Event log monitoring template for VMware VCenter.	Event Logs

VMware View VDI Monitors	Monitors connection server status, desktop VM count, number of DRS migrations, ESXi hosts without lockdown mode enabled etc.	Connection Server Status Desktop VM Count DRS Migrations Count ESX Host Lock Down Mode HAVMs Restarted Hosts Dead Lun Path Hosts Over Committed Hosts With Reboot Required Inventory Details VCenter Server Status VM CPU Ready Time VM Host CPU VM Host Disk VM Host Memory VM Host Mode VM Host Net VM Restarted Due To Guest OS Error VM Status VM Swap And Ballooning VM With CPU Exceed Count VM With CPU Memory Limit VM With High CPU Usage
vRanger Backup Application - Event Log monitoring Template	Event Log monitoring template for vRanger backup application.	Event Logs
WAN Interface Utilization (rate limit)	This template is to be applied on the interfaces that connect to internet for monitoring the reserve bandwidth utilization.	WAN Interface Utilization
WAN Interface Utilization	This template is to be applied on the interfaces that connect to internet for monitoring the reserve bandwidth utilization.	WAN Interface Utilization
WatchGuard Firewall Monitors	Applicable on XTM fire ware devices. Monitors the CPU utilization, traffic rate, connection rate and connection drop rate	WatchGuard CPU Utilization WatchGuard Number of Active Connections WatchGuard Connection Request Rate WatchGuard Connection Request Drop Rate WatchGuard Traffic Rate
WatchGuard Firewall	WatchGuard firewall template. Monitors drop rate of WatchGuard connection request, CPU utilization etc.	WatchGuard Connection Request Drop Rate WatchGuard Connection Request Rate WatchGuard CPU Utilization WatchGuard Number of Active Connections WatchGuard Traffic Rate

WebLogic Monitoring	Applicable on Oracle WebLogic servers. Please enable the SNMP agent on each of the managed servers in the WebLogic domain	Cluster Statistics JDBC Connection Pool Statistics JDBC Data Source Statistics JMS Consumer Runtime Statistics JMS Producer Runtime Statistics JMS Runtime Statistics JMS Server Statistics Jrockit JVM Garbage Collection Stats Jrockit JVM Performance JVM Heap Usage Query Cache Statistics Runtime Queue Statistics Runtime Thread Statistics Server State
Windows AD WMIJ	Windows Active Directory WMIJ template.	LDAP Searches / Second DRA Inbound Objects / Second NTLM Authentications DRA Outbound Bytes Total / Second DRA Inbound Objects Applied / Second DRA Inbound Object Updates Remaining in Packet LDAP UD Operations / Second LDAP Client Sessions DS Directory Writes / Second Kerberos Authentications DRA Pending Replication Synchronizations DS Directory Reads / Second DRA Inbound Bytes Total / Second DS Server Binds / Second DS Client Binds / Second DRA Outbound Objects / Second LDAP Writes / Second Event Logs
Windows Basic with Excluded Disks	Monitors windows health parameters excluding specified disks.	Ping Windows CPU Windows Disk Windows Memory Windows Uptime Event Logs
Windows Basic with Include Disk	Monitors windows health and specified disk drives	Ping Windows CPU Windows Disk Windows Memory Windows Uptime

Windows Basic WMIJ	Windows health monitors	Ping Windows CPU Windows Disk Windows Memory Windows Uptime Event Logs
Windows BlackBerry services	Monitors Windows BlackBerry services using SNMP like licenses etc.	MSGS Error MSGS Expired MSGS Pending Licenses
Windows Exchange 2007 WMIJ	Windows Exchange 2007 WMIJ Template monitors active mailbox delivery queue length, active non-Smtp delivery queue length, active remote delivery queue length, aggregate delivery queue length all queues, largest delivery queue length, poison queue length, retry mailbox delivery queue length, retry non-Smtp delivery queue length, etc.	Active Non Smtp Delivery Queue Length Active Remote Delivery Queue Length Messages Delivered / Second Mailbox Messages Queued For Submission Mailbox Messages Sent / Second Mailbox Unreachable Queue Length Poison Queue Length SMTP Active Mailbox Delivery Queue Length Aggregate Delivery Queue Length All Queues Retry Non Smtp Delivery Queue Length Submission Queue Length Largest Delivery Queue Length Retry Mailbox Delivery Queue Length Submission Queue Items Expired Total Retry Remote Delivery Queue Length Message Recipients Delivered / Second Mailbox Messages Queued For Submission Public Folder Messages Delivered / Second Public Folder Message Recipients Delivered / Second Public Folder Messages Sent / Second Public Folder Event Log

Windows IIS WMIJ Template	Windows IIS WMIJ Template monitors current connections, total connection attempts all instances, connection attempts / second, logon attempts / second, total not found errors, not found errors / second, total locked errors, locked errors / second, etc.	Not Found Errors / Second Logon Attempts / Second Total Connection Attempts All Instances Total Not Found Errors Current Connections Total Locked Errors Connection Attempts / Second Locked Errors / Second WSIS API Extension Requests / Second WS Bytes Total / Second WS Bytes Received / Second WS Bytes Sent / Second Event Log
Windows MSSQL 2000 WMIJ	Windows MSSQL 2000 WMIJ Template monitors user connections, logins / second, logouts / second, broker transaction rollbacks, SQL receives / second, SQL sends / second, task limit reached, tasks aborted / second, latch waits / second, etc.	Lock Timeouts / Second Used Log Space SQL Recompilations / Second Receive Per OS / Second Open Connection Count Broker Transaction Rollbacks Logouts / Second SQL Received / Second Send Per OS / Second MSSQL Cache Count User Connections SQL Sends / Second Tasks Aborted / Second Latch Waits / Second Transactions / Second Number of Deadlocks / Second Data Space of DB SQL Compilations / Second MSSQL Cache Hit Ratio Task Limit Reached Logins / Second Average Latch Wait Time / Millisecond Event Log

Windows MSSQL 2005 WMIJ Template	Windows MSSQL 2005 WMIJ Template monitors user connections, logins / second, logouts / second, broker transaction rollbacks, SQL receives / second, SQL sends / second, task limit reached, tasks aborted / second, latch waits / second, etc.	SQL Compilations / Second SQL Receives / Second Average Latch Wait Time / Millisecond Lock Timeouts / Second User Connections Tasks Aborted / Second MSSQL Cache Count Number of Deadlocks / Second Data Space of DB Latch Waits / Second Transactions / Second SQLR eCompilations / Second Used Log Space MSSQL Cache Hit Ratio Logins / Second Broker Transaction Rollbacks Task Limit Reached Receive Per OS / Second SQL SENDs / Second Open Connection Count Send Per OS / Second Logouts / Second Event Log
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Windows MSSQL WMIJ template for Instance level	Windows MSSQL WMIJ template for Instance level monitors average latch wait time / millisecond, batch requests / second, cache memory, connection memory, granted workspace memory, lock memory, logins / second, etc.	Average Latch Wait Time / Millisecond Batch Requests / Second Broker Transaction Rollbacks Buffer Cache Hit Ratio Cache Memory Connection Memory Data Space of DB Excess Total Server Memory Needed Granted Workspace Memory Latch Waits / Second Lazy Writes / Second Lock Memory Lock Timeouts / Second Logins / Second Logouts / Second MSSQL Cache Count MSSQL Cache Hit Ratio Number of Deadlocks / Second Open Connection Count Optimizer Memory Page reads / Second Page Splits / Second Page writes / Second Percent Used Log Space Receive Per OS / Second Send Per OS / Second SQL Compilations / Second
Windows RBA with basic monitoring	Basic template with SOP added to CPU	CPU Disk Memory Uptime Network Free Disk Load CPU Stats
Windows Server Event Log	Monitors all system event log failures and basic performance counters on a windows server.	CPU Disk Memory Uptime Event Logs Free Disk Process

Windows Terminal Services WMIJ	Windows Terminal Services WMIJ template monitors active sessions, inactive sessions, total errors, output errors, private bytes, total transport errors, total timeouts and percent processor time	Total Transport Errors Output Errors Inactive Sessions Total Errors Total Timeouts Private Bytes Active Sessions Percent Processor Time
Windows Web Interface	Monitors ASP counters on the web interface	Request Execution Time Requests Current Requests Queued Requests Rejected
XenApp Advanced Monitoring	This template is applicable for XenApp Advanced Monitoring	XA Disabled Applications XA Disconnected Sessions XA Offline Servers XA Server Application XA Server Connectivity Check XA Server Load XA Sessions
XenApp Monitors	This template is applicable for monitoring XenApp	Application Enumerations / Second Application Resolutions Failed / Second Application Resolutions / Second Application Resolution Time / Millisecond Average License Check In Response Time / Millisecond Average License Check Out Response Time / Millisecond Bytes Received / Second Bytes Sent / Second CPU Entitlement CPU Reservation CPU Shares CPU Usage Data Store Connection Failure Data Store Reads / Second Data Store Writes / Second Dynamic Store Reads / Second Dynamic Store Writes / Second Last Recorded License Check Out Response Time / Millisecond Latency Session Average License Server Connection Failure Local Host Cache Reads / Second Local Host Cache Writes / Second Long term CPU Usage Maximum Number of XML Threads

XenApp Standard Monitoring	This template is applicable for XenApp standard monitoring	Application Enumerations / Second Application Resolutions Failed / Second Application Resolutions / Second Application Resolution Time / Millisecond Average License Check In Response Time / Millisecond Average License Check Out Response Time / Millisecond Bytes Received / Second Bytes Sent / Second CPU Entitlement CPU Reservation CPU Shares CPU Usage Data Store Connection Failure Data Store Reads / Second Data Store Writes / Second Dynamic Store Reads / Second Dynamic Store Writes / Second ICA Roundtrip Latency Median Last Recorded License Check Out Response Time / Millisecond Latency Last Recorded Latency Session Average Latency Session Deviation License Server Connection Failure Local Host Cache Reads / Second
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XenApp template	Monitors for XenApp servers. These monitors use the NSG to query the XenApp servers for performance counters. Monitors CPU, IMA networking, licensing, presentation server, ICA sessions and STA ticket counters.	Long Term CPU Usage STA Peak All Request Rate Metaframe - Data Store Connection Failure Metaframe -Zone Elections Triggered Licensing -Average License Check Out Response Time / Millisecond CPU Shares Metaframe - Dynamic Store Reads / Second Metaframe - Resolution Work Item Queue Ready Count CPU Entitlement CPU Reservation Metaframe - Work Item Queue Ready Count STA Peak Data Request Rate Metaframe - Work Item Queue Executing Count STA Peak Ticket Request Rate Metaframe - Application Resolution Time IMA Network Connections Metaframe - Application Resolutions Failed / Second Metaframe - Local Host Cache Reads / Second IMA Bytes Received / Second Metaframe - Dynamic Store Writes / Second Metaframe - Number of Busy XML Threads Licensing - Average License Check In Response Time / Millisecond Metaframe - Resolution Work Item Queue Executing Count
XenDesktop	This template is applicable on XenDesktop - desktop delivery controller	Brokered Sessions Database Connected AD Identity Service Database Connected Broker Service Database Connected Conf Service Database Connected Creation Service Database Connected Host Service Database Connected Mach Identity Service Registration Average Request Time Registration Requests / Second Event Logs

XenDesktop Advanced Monitoring	Citrix XenDesktop advanced monitoring based on performance counters.	Active Sessions Broker Hypervisor Alert Severity Red Broker Service Status Controller AD Identity Service Status Controller Host Service Status Desktop Groups Usage Desktops Available Desktops Disconnected Desktops Facing High Profile Load Time Desktops Facing ICA Latency Desktops in Maintenance Mode Desktops In Use Desktops Never Registered Desktops Unregistered Desktops With Image Out Of Date Desktops With Registration State As Agent Error Desktops With Unknown Power State Groups In Maintenance Mode Total Desktops
XenServer Health Monitors	Applicable on all the XenServers in a given pool	CPU Utilization CPU-Stats Disk Utilization Load Statistics Memory Utilization Percentage Ping UPTIME Xen CPU Utilization Xen Memory Utilization
XenServer Pool Monitors	Applicable on the master server in a given pool	License Expiry Check VMs Hosted on Each Host XenServer Host Status
XenServer Storage Utilization	Apply this template one each of the storage types in the XenServer pool	Storage Utilization