

# HMC & VIOS Monitoring

on Microsoft System Center Operations Manager &  
Azure Monitor SCOM Managed Instance

## NiCE HMC VIOS Management Pack

IBM Power Systems, along with their Virtual I/O Servers (VIOS), are essential for modern businesses due to their ability to deliver high performance, reliability, efficient resource utilization, and strong security, all of which are critical for maintaining competitive and robust IT operations.

The IBM Hardware Management Console (HMC) serves as the administrative platform for addressing and resolving any issues that may arise within the system.

The NiCE HMC VIOS Management Pack for SCOM is an essential solution for any organization relying on the IBM Power infrastructure, using the Hardware Management Console (HMC) along with Virtual I/O Servers (VIOS). It ensures that your HMC and VIOS environments remain healthy, efficient, and reliable.

Ensures top  
response time  
and availability

Lowers the TCO

Speeds up MTTR

Secured by its  
Microsoft SCOM  
integration

# Management Pack for HMC & VIOS



## Features

### Inventory Discovery

Automatically discover all your IBM Power Systems and VIOS components within your environment

### Availability Monitoring

Availability checks of the HMC API, HMC TCP, VIOS, and the IBM Power System

### Performance Monitoring

Performance checks of VIOS Current Memory Utilization, VIOS Entitled Current CPU Utilization, VIOS Total Current CPU Utilization, IBM Power System Average CPU Usage, Power System Memory, and Power System Attention LED

# Management Pack for HMC & VIOS



## Benefits

### Highly Customizable

Environments and business needs are manifold. Adjust all monitors and rules to fit your needs

### Easy Administration

Use predefined tasks and rules to automate day-to-day tasks

### Fire-Proof Operations

Dedicated health and performance monitors observe and detect issues on-the-go

### Troubleshoot faster

The Alert-Integrated troubleshooting advice speeds up MTTR

### Boost Performance

Natively secured through its full Microsoft SCOM integration

# Management Pack for HMC & VIOS



## Details

### **IBM Hardware Management Console (HMC)**

The IBM Hardware Management Console (HMC) is a critical virtual or physical appliance responsible for administering the IBM Power server infrastructure. HMC supports command line (SSH), web (HTTPS) user interfaces, and REST API. Administrators can manage multiple systems and partitions, providing essential monitoring and servicing capabilities. The availability of the HMC is business-critical, as many daily operations within the IBM Power environment rely on it.

### **Virtual I/O Server (VIOS)**

The Virtual I/O Server (VIOS) is an essential part of the PowerVM® hardware feature, situated within a logical partition (LPAR). It facilitates the sharing of physical I/O resources between client logical partitions, offering virtual Small Computer Serial Interface (SCSI) target, virtual Fibre Channel, Shared Ethernet Adapter, and PowerVM Active Memory™ Sharing capabilities. Additionally, VIOS supports Suspend/Resume and remote restart features for AIX®, IBM® i, and Linux client logical partitions. Monitoring the VIOS is crucial to ensure sufficient resources are available for smooth service and business operations.

# Management Pack for HMC & VIOS



## Details

### **Lower TCO & Increased Productivity**

NiCE Management Packs increases your operational efficiency and reduces the total cost of ownership. They are sophisticated and intelligent Enterprise Ready Management Packs, designed to integrate into Microsoft SCOM.

The Management Packs collect detailed data without affecting or impacting the overall performance. Identify problems quickly and take corrective action to avoid costly downtime.

### **Leverage the native capabilities of SCOM**

Built on the well established agent model to provide the best of agent-based observation. Centrally configure exception-based monitoring. All run-time data is stored in the Operations Manager Database and data warehouse.

### **Seamless Microsoft SCOM integration**

NiCE Management Packs come with a Microsoft System Center Agent for a seamless Microsoft SCOM integration, with no need to install or configure additional server proxies or connectors to pinpoint root causes.

# Management Pack for HMC & VIOS



## Licensing

### Licensing

The licensing for the NiCE HMC VIOS Management Pack for Microsoft SCOM is per HMC Connection.

### Software Support

Within the support time frame, customers will receive direct support from our support team, software updates, and free upgrades to the latest software versions.

Permanent licenses require one year of support. Subscription licenses include support.

### Services

To help customers get a most effective set-up, NiCE is offering remote installation assistance.

Remote professional services include installation and configuration, training, and custom application enhancements.

# Management Pack for HMC & VIOS



## FAQ

### **Which SCOM versions are supported?**

The Management Pack supports Microsoft SCOM 2016, 2019, and 2022, as well as Azure Monitor SCOM MI.

### **Is Azure SCOM Managed Instance supported?**

Yes! All NiCE Management Packs also run on Azure Monitor SCOM Managed Instance, enabling easy side-by-side monitoring of on-prem, hybrid, and cloud-only environments.

### **Which HMC versions are supported?**

The Management Pack supports Version 8, R810, R820, R830, R840, Version 9, R1, R2, and Version 10, R1, R2, R3

### **Do you provide custom services?**

Yes. Whenever you need a specialized tweak or enhancement to best fit your environment, NiCE will assist with professional Management Pack authoring services.



# Management Pack for HMC & VIOS



## Contact

### Get in touch for more information

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