

# Monitoring Linux on IBM zSystems

## NiCE zLinux Management Pack for Microsoft SCOM & Azure SCOM MI

While availability of an IBM zSystem is not an area of concern, performance is. zLinux servers run highly business critical workloads, so response time and availability is key. Under-provisioned Linux servers will react slowly to queries, causing delays. Also, IBM Z processing time is costly, and a CPU hog can become expensive. So, monitoring of Linux on IBM zSystems makes absolute sense.

The NiCE zLinux Management Pack helps address these situations with ease. It monitors IBM zLinux servers, and reports on anomalies before the system or users are affected. This consequently leverages your investment in a number of ways.

- Ensures top response time
- Lowers the TCO
- Speeds up MTTR with Diagnostic Tasks
- Secured by its Microsoft SCOM integration

# Management Pack for Linux on IBM Z



## Features

### Discovery

Discovery of all Linux computers on IBM zSystems

### Logical Disk Health

Availability and performance monitoring for Logical Disk (File System) instances

### Physical Disk Health

Availability and performance monitoring for Physical Disk instances

### Network Adapter Health

Availability and performance monitoring for Network Adapter instances

### Operating System Health

Availability and performance monitoring for Red Hat Enterprise Linux Server Operating System instances

### Processor Health

Availability and performance monitoring for Processor instances

### Memory Health

Utilization and Paging monitoring for Memory Health

# Management Pack for Linux on IBM Z



## 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

### Fast Troubleshooting

The Alert-Integrated troubleshooting advice speeds up MTTR

### Boost Performance

Natively secured through its full Microsoft SCOM integration

# Management Pack for Linux on IBM Z



## Details

### Monitoring Linux operating systems on IBM Z

Availability of an IBM zLinux server is typically not an area of concern, while performance monitoring is a key business imperative. In such environments, processing time is costly and is measured in work units. A CPU hog can become expensive.

IBM zLinux systems are mainly used in highspeed and high volume transactions environments, such as in the financial, and health care market but also airlines, and large retail companies depend on it to process large, time-sensitive data quantities faultfree.

So, Linux systems are highly business-critical too. Under-provisioned Linux systems will react slowly on queries from business applications, which then cause undesired delays.

The NiCE zLinux Management Pack for Microsoft SCOM provides you with centralized performance monitoring of Linux on IBM Z servers, so you can address issues before they affect the system.

# Management Pack for Linux on IBM Z



## Details

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

Increases your operational efficiency and reduce the total cost of ownership. The NiCE zLinux Management Pack is a sophisticated and intelligent Enterprise Ready solution, designed to integrate into Microsoft SCOM. The Management Pack collects detailed data without affecting or impacting the overall performance. Identify problems quickly and take corrective action to avoid costly downtime. Built-in features like SCOM "Diagnostic Tasks" help to troubleshoot more efficiently.

### **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**

The NiCE zLinux Management Pack comes with a 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 Linux on IBM Z



## Licensing

### Licensing

The NiCE zLinux Management Pack for Microsoft SCOM is licensed per Linux system.

### Software Support

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

Permanent licenses require one year of 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 Linux on IBM Z



## FAQ

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

The zLinux Management Pack supports Microsoft SCOM 2022, 2019, and 2016, as well as Azure SCOM Managed Instance.

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

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

### **Which Linux versions are supported?**

The Management Pack supports RHEL 8. SLES 12, SLES 15, and RHEL 7, and 9 are supported on request.

### **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 Linux on IBM Z



## Get in touch for more information

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