

NiCE Custom Management Packs | Use Cases

NiCE Linux Extension Management Pack

Content

1. NiCE Linux Extension Management Pack
2. NiCE Services for Microsoft System Center
3. About NiCE



Content

- NiCE Linux Extension Management Pack** 3
 - Log Depth and Customization**..... 3
 - Real-time Log Streaming** 3
 - Advanced Log Analysis Features** 3
 - Scalability and Performance**..... 3
 - Integration with External Tools**..... 4
- Why Extended Log Monitoring for Linux Systems on SCOM is Beneficial** 4
- NiCE Services for Microsoft System Center** 5
 - Consulting for System Center Operations Manager, Configurations Manager, and Service Manager**..... 5
 - Provisioning of Third-Party SCOM Tools** 5
 - Custom and Standard Management Packs** 5
 - Azure Monitor and Microsoft SCOM Managed Instance**..... 5
- About NiCE** 7

NiCE Linux Extension Management Pack

The NiCE Linux Extension Management Pack enables **extended Log monitoring for Linux Systems**. It includes analyzing **multiple rows, wild cards, log correlation**, and more.

The standard Linux Management Pack for System Center Operations Manager (SCOM) offers a decent level of monitoring for Linux systems, but it might have limitations when it comes to log monitoring on Linux in comparison to more specialized or dedicated log management solutions. Here are a few areas where it might be lacking:

Log Depth and Customization

The standard Linux Management Pack might not provide extensive depth in log monitoring. It might have predefined log sources or events it monitors, but it might lack the flexibility to easily add or customize log sources, especially for specific applications or custom logs.

Real-time Log Streaming

Real-time log streaming or near real-time monitoring capabilities might not be as robust in SCOM's standard Linux Management Pack. It might have delays in collecting and processing logs, which can be critical for troubleshooting and detecting issues promptly.

Advanced Log Analysis Features

SCOM's native Linux Management Pack might lack advanced log analysis features such as log parsing, pattern recognition, anomaly detection, or machine learning-based log analysis that dedicated log management tools often offer.

Scalability and Performance

Depending on the setup and the volume of logs, the standard pack might face limitations in scalability and performance when dealing with a large number of log entries or high-frequency log generation.

Integration with External Tools

It might not seamlessly integrate with certain external log management or analysis tools, limiting the scope for comprehensive log management workflows.

To address these limitations, organizations often complement SCOM's native capabilities with dedicated log management solutions or third-party integrations specifically designed for log monitoring and analysis on Linux systems. These tools might offer more comprehensive log monitoring, advanced analytics, real-time processing, and scalable log management features tailored for diverse log sources and applications.

Why Extended Log Monitoring for Linux Systems on SCOM is Beneficial

Extending log monitoring capabilities for Linux systems within SCOM (System Center Operations Manager) offers significant benefits in terms of enhancing overall system reliability, security, and performance. With extended log monitoring, administrators gain a more comprehensive view of the Linux environment, allowing for early detection of potential issues through real-time analysis of log data.

This approach is particularly ideal for identifying security incidents, tracking system errors, and troubleshooting performance issues specific to Linux systems. By integrating extended log monitoring into SCOM, administrators can proactively address issues, minimizing downtime and ensuring the continuous availability of critical services.

Furthermore, the extended log monitoring feature enables compliance monitoring by capturing and analyzing log data against predefined policies and regulations. This is crucial for organizations operating in regulated industries, as it helps ensure adherence to compliance standards and facilitates the audit process.

Incorporating extended log monitoring for Linux systems into SCOM enhances the overall visibility, security, and compliance posture of the IT infrastructure. This proactive monitoring approach empowers administrators to address issues promptly, optimize system performance, and maintain a resilient and secure Linux environment within the broader IT ecosystem.

NiCE Services for Microsoft System Center

NiCE IT Management Solutions is a dedicated Microsoft Partner, specializing in cutting-edge solutions for Microsoft System Center and Azure Monitor. Our commitment lies in providing comprehensive services and solutions that empower organizations to optimize their IT infrastructure and enhance operational efficiency.

Consulting for System Center Operations Manager, Configurations Manager, and Service Manager

At NiCE, our suite of services for Microsoft System Center is designed to meet the unique needs of businesses relying on System Center Operations Manager, Configurations Manager, and Service Manager. We bring a wealth of expertise to the table, offering tailored consulting services that include SCOM Health Assessments. These assessments are a strategic component of our approach, ensuring that your System Center environment operates at peak performance and aligns seamlessly with your business objectives.

Provisioning of Third-Party SCOM Tools

In addition to our consulting services, NiCE is at the forefront of delivering advice and provisioning for third-party SCOM tools, expanding the capabilities of your System Center deployment. We understand the diverse nature of IT environments and recognize the importance of integrating complementary tools to achieve a holistic and robust monitoring solution.

Custom and Standard Management Packs

Our focus extends beyond conventional monitoring to encompass SCOM-centric solutions for monitoring various business elements. This includes applications, databases, operating systems, services, and custom applications. By leveraging the power of Microsoft System Center, NiCE enables organizations to gain granular insights into their IT landscape, ensuring proactive issue identification and resolution.

Azure Monitor and Microsoft SCOM Managed Instance

As a Microsoft Partner, NiCE is also deeply involved in Azure Monitor, harnessing the capabilities of the Azure cloud platform to deliver advanced monitoring solutions. Our expertise in Azure Monitor allows us to provide seamless integration with Microsoft System Center, creating a unified monitoring ecosystem that spans on-premises and cloud environments.

NiCE IT Management Solutions stands as a reliable partner for organizations seeking to maximize the potential of Microsoft System Center and Azure Monitor. Our holistic approach, encompassing consulting services, third-party tool integration, and SCOM-centric monitoring solutions, positions us as a leader in the ever-evolving landscape of IT optimization.

About NiCE

NiCE Services for Microsoft System Center encompass consulting services tailored to System Center Operations Manager, Configurations Manager, and Service Manager. Our offerings include SCOM Health Assessments, advice and provisioning for third-party SCOM tools, as well as SCOM-centric monitoring solutions for business elements such as applications, databases, operating systems, services, and custom applications.

NiCE Management Packs for SCOM are available for AIX, Azure AD Connect, Entra ID, Citrix VAD & ADC, Custom Applications, HCL Domino, IBM Db2, IBM Power HA, Linux on Power Systems, Log Files, Microsoft 365, Microsoft Teams, Microsoft SharePoint, Microsoft Exchange, Microsoft OneDrive, Mongo DB, Oracle, Veritas Clusters, VMware, VMware Horizon, and zLinux.

Our commitment

1. Ongoing development, incl. latest version support
2. Top required metrics come out-of-the-box
3. Integrated source knowledge to solve issues faster
4. Custom development & coaching
5. Highly responsive support team
6. Easy onboarding & renewals
7. Largest set of Microsoft SCOM Management Packs

Take advantage of the benefits NiCE Services and Solutions for Microsoft System Center offer to transform your IT operations and drive unparalleled performance across your IT infrastructure. Contact us at solutions@nice.de (EMEA, APAC), or solutions@nice.us.com (US, LATAM).

NiCE IT Management Solutions GmbH

Liebigstrasse 9
71229 Leonberg
Germany

www.nice.de
solutions@nice.de

NiCE IT Management Solutions Corporation

3478 Buskirk Avenue, Suite 1000
Pleasant Hill, CA 94523
USA

www.nice.us.com
solutions@nice.us.com