



IBM Db2 Monitoring

on Microsoft SCOM & Azure SCOM Managed Instance

NiCE DB2 Management Pack for Microsoft SCOM & SCOM MI

IBM Db2 Monitoring

IBM Db2 is a family of data management products, including the Db2 relational database, which is an enterprise-ready relational database management system designed to deliver resilience, performance, and cost-effectiveness for transactional workloads.

The NiCE DB2 Management Pack monitors and reports on the Db2 infrastructure, state, and the performance of all components. Using the NiCE DB2 Management Pack improves customer experience and business results.

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

Management Pack for IBM Db2



Features

Db2 Objects Discovery

Db2 Computer, Server, Server Group, Instance, Database, Partition, Bufferpool, and Tablespace

Db2 Topology View

Instance, Database, Partition, Bufferpool, and Tablespace

Health Monitors

10+ monitors for Instances, Databases, and Tablespaces

Performance Monitors

70+ monitors for Instances, Databases, Partitions, and Bufferpools

Rules

Log File Conversion, Cluster Sync, Instrumentation Deployment

Tasks

Instrumentation Deployment, Configuration, Discovery, Testing, Monitoring, and Tracing

Self Monitors

Installation, Configuration, and License

Management Pack for IBM Db2



Features

Log File Monitors

Db2 Diag Log and Admin Log, including file size, Event Log

High Availability Monitor

Instrumentation for Heartbeat Monitoring

Advanced Environments

Remote Db2 databases, Cluster Support, Non-Root Operations, Db2 Workload Management, Backup Monitoring

Performance Graphs

Displaying Performance Rules data for Instances, Databases, and Tablespaces

Reports

Top 20 by Size, Memory Usage, Lock Timeouts, Physical IO, Log and Tablespaces Growth, and more

Scalability

Scale Discovery and Monitoring from a few Db2 objects to the entire Db2 landscape

Management Pack for IBM Db2



Benefits

Highly Customizable

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

Enterprise Ready

Best scalability by support for small to very large environments

Easy Administration

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

Boost Performance

100+ Db2 dedicated health & performance monitors observe and detect issues on-the-go

Troubleshoot faster

Alert-Integrated troubleshooting advice speeds up MTR

Fire-Proof Operations

Self- & High-Availability monitors ensure safeguarded observation of your Db2 environment

Management Pack for IBM Db2



Benefits

Extended Monitoring

Remote, Cluster, and Non-Root monitoring extends platform support and security measures

Visualization

Real-world topology of your Db2 environment, as well as graphs, provide fast information

Fast Trend Analysis

Top 20 reports of vital Db2 topics display fast forward trends

Secure

Natively secured through full Microsoft SCOM integration

Management Pack for IBM Db2



Details

End-to-End IBM Db2 Monitoring

Understand and manage your IBM Db2 environments like an ecosystem constantly changing in terms of physical design, transactions, and memory. Db2 monitoring using the NiCE DB2 Management Pack helps you maintain the balance at any given time to ensure the best possible performance.

Align IT Operations with Business Needs

Understand the business impact of Db2 alerts and align IT operations and services with business needs. Actual on-time availability alerting via System Center channels and subscriptions is done precisely through several core monitors.

The Management Pack provides health monitors for Listeners, Instances, Databases, Tablespace, and Datafiles. Receiving alerts helps you avoid service interruptions upfront.

Management Pack for IBM Db2



Details

Lower TCO & Increased Productivity

The Management Pack increases your operational efficiency and reduces the total cost of ownership. It is a sophisticated and intelligent Enterprise Ready Management Pack, designed to integrate into Microsoft SCOM. It collects detailed data from Db2 instances for monitoring the systems 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 the DBA and the operator to troubleshoot more efficiently.

Support for Enterprise environments

The Management Pack supports dedicated monitors and discovery for larger environments to keep your System Center data warehouse in shape.

The Discovery allows a highly granular approach to what should be monitored. This gives the SCOM admin freedom to scale Db2 monitoring from a few Db2 objects to the entire Db2 landscape. Discovery, monitors, and rules are highly customizable, making covering all monitoring scenarios and approaches easy. The DB2 Management Pack is integrated into IBM's Db2 Workload Management, if needed.



Management Pack for IBM Db2



Details

Alert Log Monitoring

Log monitoring is vital when availability needs to be guaranteed and improved. Including these details into monitoring will scale up the availability of your Db2 databases continuously.

HA Monitoring

Rely on Microsoft proven monitoring technology. No additional monitoring adjustment is needed. Simply set up the Microsoft High Availability Agents.

Cluster Monitoring

Include clusters for complete Db2 monitoring. The DB2 Management Pack contains several dedicated cluster monitors for **HADR DB** (Connection Status, Status, and Log Gap), and **pureScale**.

Backup Monitoring

Monitoring the execution of the Db2 backup process assures timely operation.

Non-Root Monitoring

Non-Root monitoring enables advanced access management for meeting high-security standards. Additional features help to adjust to a wide range of secured operations.

Management Pack for IBM Db2



Details

Remote Monitoring

The integrated remote monitoring options enable you to safely monitor platforms not supported by the SCOM agents, such as **Mainframe**, **LinuxPower** or do not allow third-party agents. Additionally, it is suitable for monitoring platforms that generally would require specific platform knowledge.

Holistic monitoring

Save time and money by monitoring and managing your environment from a single point of reference.

Leverage the native capabilities of SCOM

Built on the System Center Agent to provide the best of agent-based observation. Centrally configure exception-based Db2 monitoring in distributed environments. All run-time data is stored in the Operations Manager Database and data warehouse.

Seamless Microsoft SCOM integration

The NiCE DB2 Management Pack is a sophisticated Microsoft SCOM integration, with no need to install or configure additional server proxies or connectors to pinpoint root causes.



Management Pack for IBM Db2



Licensing

Licensing

The NiCE DB2 Management Pack is licensed per Db2 Instance.

Software Support

Customers will receive direct support from the NiCE support team, software updates, and free upgrades to the latest software versions within the support time frame.

Services

To help customers get a most practical setup, NiCE is offering remote installation assistance.

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

Management Pack for IBM Db2



FAQ

What SCOM versions are supported?

The DB2 Management Pack supports Microsoft SCOM 2012 R2, 2016, 2019, and 2022.

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.

What Db2 versions are supported?

The NiCE DB2 Management Pack supports Db2 11.1, and 11.5.

Do you provide customization services?

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

Management Pack for IBM Db2



Contact

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