



Oracle Database Monitoring

Innovative MP architecture

The NiCE Oracle Database Management Pack (Oracle MP) is a cross-platform management pack for Microsoft System Center Operations Manager (SCOM).

The NiCE Oracle MP continuously monitors the Oracle database and storage infrastructure, identifying server problems before they affect applications and end users, through the use of predefined event conditions and threshold monitors.

Technologies used

- Microsoft System Center Operations Manager 2012 R2 and later
- Cross-Platform Agents
- Microsoft Windows, IBM AIX, Oracle Solaris, Linux and HP-UX
- Oracle 11.2 and later
- Oracle Automatic Storage Management (ASM)
- Supports Oracle Exadata and Oracle Database Appliance (ODA)



NiCE Oracle Management Pack for Microsoft System Center Operations Manager

Monitoring Oracle Database Servers is business critical

IT staff generally face three significant challenges: managing an ever more complex environment, working efficiently with limited resources, and diagnosing and addressing problems in real-time. In today's interconnected IT environments, the underlying infrastructure is very complex and involves a wide range of servers, databases and operating systems. They all represent business critical functions.

IT is expected to keep a close watch over these business-critical applications, infrastructures, and third-party service dependencies, and to be ready to resolve issues before they impact the end user. The reality is a bit different: IT people live in a "do more with less" world where inadequate time, resources and tools often lead to a continuous state of firefighting. As such, proactive monitoring, and the time, effort and expense it requires to achieve this, may seem out of reach to many IT departments.

The importance of database management

Databases serve a lot of different business applications, which must work perfectly to provide a good customer experience. Therefore, it is most important that the databases, being fundamental to all these various services that run your business, are in the best shape by means of availability and performance.

Optimal business performance

Monitoring Oracle database servers is a multi-faceted exercise and reaching optimal performance is not an easy goal. You need to know how factors such as memory, physical design and maintenance can affect performance. To tune and maintain a subsystem or instance, you should start continuously monitoring the entire Oracle environment, means the Real Application Cluster (RAC). Understand and manage your Oracle environment like an ecosystem that is constantly changing in terms of physical design, transactions and memory – while still maintaining the right balance at any given time. This balance is what ensures the best possible performance.



Monitor your Oracle Database Servers and ASM features according to your actual business needs

Database health monitoring

Clearly understand the business impact of Oracle alerts and align IT operations and services with business needs. Get auto-discovery and diagram views of the Oracle topology. ASM, used as a storage facility, will also be automatically discovered and added to Oracle MP views.

Alert Log monitoring

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

Wholistic monitoring

Save time and money by monitoring and managing your whole environment from a single point of reference. Standard databases and instances views, as well as cluster views complete a wholistic monitoring approach. Fail Safe, RAC and other setups included.

Cluster monitoring

Full cluster support for FailSafe, Oracle Real Application Clusters (RAC) and other supported cluster technologies included. View discoveries for SCAN Listeners, clustered databases and instances distributed across several Oracle systems.

ASM monitoring

Discovery of ASM instances and ASM Disk Groups, monitoring of key availability and performance metrics such as ASM Instance Status, Disk Group Free space and ASM Disk Status included.

High availability monitoring

Rely on Microsoft proven monitoring technology. No additional monitoring adjustment needed. Simply put up the Microsoft agents for high availability.

Resource and capacity planning

Easily understand on servers, backup and recovery horsepower needed to insure adequate performance within the required time constraints using the built-in Oracle Capacity Forecast Report.

SLA Reporting

Mission critical workloads require consistent performance. Good SLA reporting helps to manage, monitor and modify resources the right way at any time.