ScienceLogic

SOLUTION BRIEF

Database Observability

Unifying Visibility and Automation Across Complex Database Landscapes

In today's always-on digital economy, application performance and business outcomes depend on. healthy, available databases. As enterprises adopt hybrid and multi-cloud architectures, database environments become more distributed and diverse. To keep pace, teams are often burdened with siloed monitoring tools, reactive troubleshooting processes, and blind spots that hinder root cause analysis and slow down issue resolution.

The ScienceLogic AI Platform delivers full-stack database observability—empowering operations teams, DBAs, and service owners to proactively manage database health, performance, and compliance. Through intelligent automation, dynamic discovery, and correlated insights, Skylar One (formerly SL1) enables organizations to unify observability across traditional, cloud-native, and clustered database architectures—ensuring high availability, faster resolution times, and optimal resource utilization.

Complete Visibility, Down to the Query

Skylar One provides comprehensive out-of-the-box monitoring for leading database platforms including Oracle, SQL Server, MySQL, IBM Db2, and more. The platform discovers and models each component in your database landscape—whether you're running containerized Oracle pluggable databases (PDBs), active-active SQL Server clusters, or standalone MySQL nodes.

With more than 900 pre-built metrics spanning availability, query performance, storage utilization, and replication health, Skylar One gives teams the visibility needed to:

- Monitor query throughput, I/O latency, and slow query logs in real time
- Identify tablespace issues, index fragmentation, and cache utilization problems
- Track high availability failover behavior, replication lag, and server status
- Alert on critical conditions with intelligent thresholding that improves signal clarity

This level of granular telemetry allows operations to proactively address issues before they escalate, keeping services reliable and stable while minimizing MTTR.

Contextual Intelligence Across the Stack

Databases rarely operate in isolation. Application performance is often degraded by factors outside the database tier—server CPU constraints, network latency, or storage bottlenecks. Skylar One bridges these silos by dynamically mapping relationships across your full stack—from infrastructure and cloud resources to business services—enabling topology-aware diagnostics and cross-domain insight.

With Skylar One's built-in dependency mapping, topology modeling, and real-time correlation, you can:

- Rapidly determine whether performance issues originate within the database or an upstream system
- Visualize dependencies between Oracle CDBs, SQL Server instances, MySQL clusters, and their host VMs or containers
- Correlate events and logs across the entire IT estate to uncover hidden patterns and cascading issues
- Accelerate troubleshooting and resolution by understanding root cause, not just symptoms

Enterprise-Grade Dashboards, Event Policies, and Automation

Skylar One comes pre-configured with health dashboards and policies tailored for major database platforms—enabling instant time-to-value without complex setup or tuning. From Oracle RAC and ASM views to SQL Server cluster health and MySQL node status, users gain real-time insights into the health of all layers in the data tier.

Key platform capabilities include:

- Smart event correlation to suppress redundant alerts and highlight the root cause
- Runbook automation to auto-triage and remediate common issues
- Customizable dashboards for deep inspection and historical trend analysis
- Role-based access controls and audit trails for compliance assurance

By operationalizing best practices and codifying response logic into Skylar One, organizations reduce manual overhead and create a more resilient, self-healing environment.

Built for Complexity. Trusted by Enterprises and MSPs

The ScienceLogic AI Platform is built to support the scale, security, and extensibility required by modern enterprises and managed service providers:

- Multi-vendor database support through a unified interface
- Cluster-awareness for active-active, active-passive, and RAC topologies
- CMDB integration to align monitoring data with service context
- Custom monitoring extensions using Skylar One Studio and no-code toolkits
- Support for hybrid, multi-tenant, and federated database environments

Whether you're managing thousands of databases across geographies or delivering database services as a provider, Skylar One adapts to your business requirements and grows with your infrastructure—ensuring that every instance, every query, and every dependency is visible, understood, and optimized.