# ScienceLogic

ScienceLogic for Server Environments

Simplifying Server Operations Management in a Complex, Hybrid-Cloud World

An overwhelming majority of enterprises today have adopted a hybrid cloud approach to IT, driven by the need to optimize costs, improve performance, and increase security. No longer viewed as a temporary transition phase, these enterprises' view hybrid cloud as a pragmatic, viable strategy to leverage the best of what both traditional infrastructure and cloud have to offer.

But with more workloads straddling both traditional and public clouds, new challenges are arising. IT organizations must now close visibility gaps ramp-up the skills and process needed to operate across multiple platforms and automate as many tasks as possible to seamlessly deliver services deployed in a hybrid cloud environment.

Skylar One (formerly SL1) delivers universal observability, configuration, and management automation for servers, no matter what OS or version; no matter where and how they are deployed. Whether you are migrating workloads to the cloud, deploying new cloud-native applications, or running a mix of on-premises and cloud technologies, virtualized or bare metal, Skylar One provides a single solution to observe and manage servers and the business services and applications running on them.

When issues crop up, like a service that degrades because memory, storage, or other resources are maxed out, Skylar One also provides a fast way to diagnose the issues using both machine-learning-driven log analysis and event correlation.
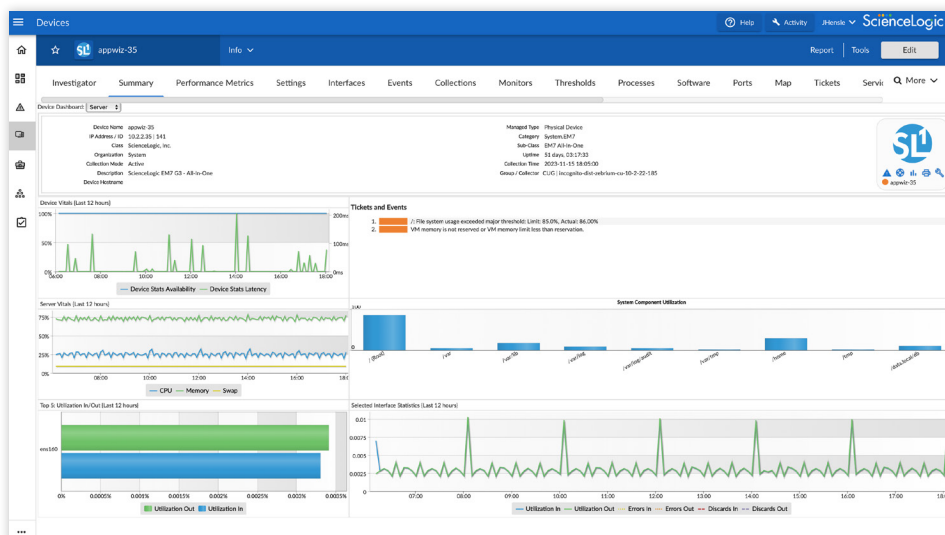
Skylar One and Skylar Automation: Deploy and Manage Servers Across Hybrid Cloud Environments with Confidence

Eliminate Visibility Gaps
Get full end-to-end visibility across both cloud and on-premises infrastructure

Automate Troubleshooting & Remediation
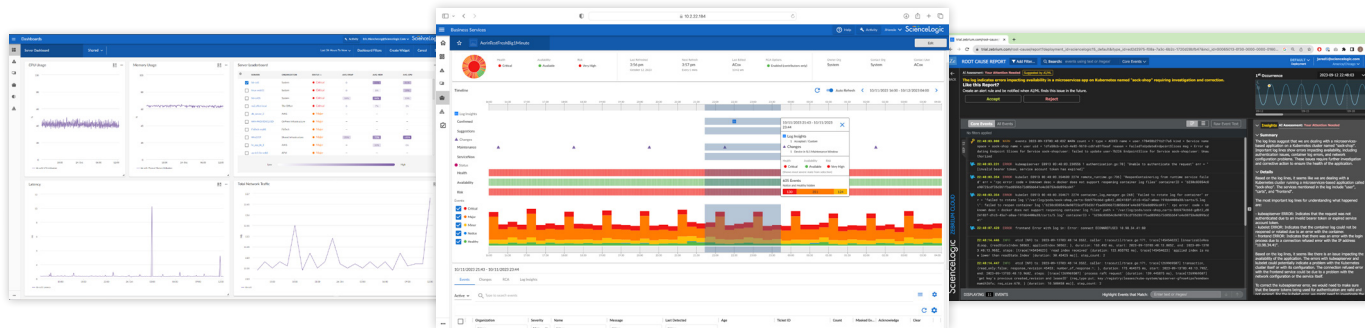Automate root cause analysis and remediation of server issues

Reduce Business Disruption
Correlate server performance and health with business service health and availability

Improve Compliance, Security & Resilience
Automate monitoring, configuration backup, audit streamlining for compliance efficiency.

Skylar One Server Observability Use Cases

Gain Full Visibility Across Your Hybrid IT Estate

Modern IT environments consist of complex hybrid infrastructure, including on-premises servers, public cloud instances, edge, and a variety of server-based systems. Skylar One closes your visibility gaps by providing a single, vendor-agnostic solution to observe and normalize data across your various servers so you can quickly assess the health and performance of server-based workloads—on-premises, in the cloud, and everywhere in between.

Ensure Business Compliance, Security, and Resilience

Securing and maintaining compliance in your server environments requires a holistic approach encompassing both observability and configuration management. Skylar Compliance (formerly ReStore point) provides both observability and configuration backup for server systems, allowing you to actively observe health and availability, achieve and maintain compliance, streamline audit requests, manage configuration backups and restoration, and verify security postures. Skylar One also automates many of these activities, allowing you to gain greater efficiency, time savings and speed resolution when incidents happen.

Proactively Identify and Prevent Service-Impacting Issues with AI-driven Automated Root Cause Analysis

Skylar One's AI-driven log analysis constantly observes server logs for potential—or actual—problems to help you stay ahead of potential issues before they disrupt services. By consolidating your server configurations, performance data, and real-time log analysis, and intelligently correlating it with information from other infrastructure and services, you can identify and resolve issues proactively and drastically reduce MTTR with Skylar One RCA.

Quickly Resolve Incidents with Automation

Rapid incident resolution is essential for IT operations. With Skylar Automation (formerly Powerflow) incoming alerts from your servers are automatically correlated with related performance and events of your infrastructure, generating enriched tickets with diagnostic information. Automated root cause analysis constantly observes server logs and uses machine learning to spot issues and identify root cause of incidents. Finally, Skylar Automation powerful automations can initiate incident remediation immediately, ensuring a swift response to issues, with or without human intervention.

About ScienceLogic

ScienceLogic empowers intelligent automated IT operations, freeing up IT talent, accelerating innovation and transformation, and driving business outcomes. Skylar One monitors customer data across clouds and on-premises, enabling digital service visibility and automation. By applying AI/ML, Skylar One processes trillions of datapoints, transforming data into actionable insight. Trusted by thousands of organizations across the globe, ScienceLogic's suite of observability and autonomic IT technologies meets the rigorous security requirements of the U.S. Department of Defense (DoD), has been proven at scale by the world's largest service providers, and is optimized to meet the needs of large enterprises and government agencies.