ScienceLogic

Maintaining Accurate and Synchronized CMDBs

Configuration Management Databases (CMDBs) are essential to IT service management, tracking configuration items (CIs), their relationships, and supporting business services. Yet with IT environments constantly changing, CMDBs can quickly become outdated—limiting visibility and slowing response during change management or compliance audits. Manual CMDB update processes can't keep pace, often resulting in discovery gaps, configuration drift, and data silos.

The **award-winning ScienceLogic AI Platform** keeps CMDBs continuously synchronized for **100% accuracy**. With always-current data, organizations strengthen compliance readiness, improve operational insight, and eliminate costly inefficiencies.

The ScienceLogic Solution: Automated CMDB Management

Keeping a CMDB accurate and synchronized is notoriously difficult with manual processes. Skylar One (formerly SL1) and Skylar Automation (formerly Powerflow) built on ScienceLogic AI Platform, delivers the next generation of CMDB management through advanced automation. By eliminating manual effort to discover assets, map dependencies, and maintain configuration data, the platform ensures **100% CMDB** accuracy while reducing operational costs.

Key capabilities include:

- Automated discovery of hybrid-cloud assets
- Continuous synchronization of device data with CMDB tools
- In-depth dependency mapping, including unique devices
- Maintenance window synchronization and notification

Each of these capabilities is explained in the sections that follow.

Streamline CMDB Management Time
Save on average 30% of CMDB management time with continuous synchronization between Skylar One and your CMDB solution.

Ensure CMDB Accuracy
Bi-directional checks ensure 100% accuracy. New assets discovered by Skylar Automation are automatically synced to your CMDB for seamless tracking and management.

Boost IT Efficiency
Synchronized maintenance windows suppress alerts, allowing teams to focus on changes and updates without distraction.

Enterprise-Class Performance
With over 5 million daily automations and synchronizations, Skylar One scales to even the largest IT environments.

Automated Asset Discovery

Skylar One delivers multi-protocol automated asset discovery for complete visibility across your hybrid infrastructure--mapping physical, virtual, and cloud-based assets in data centers and cloud environments. Its no-/low-code toolkits extend observability to unique devices, ensuring complete coverage of your entire IT estate. Integrated with your existing CMDB and tools like ServiceNow, Skylar One creates a single, consolidated view of all IT components-- enabling confident decision-making with accurate, comprehensive knowledge. This automation saves hundreds of hours otherwise spent manually aligning and syncing devices.

Continuous Synchronization

Skylar Automation continuously synchronizes configuration data with your CMDB in real-time, ensuring an always-accurate view of dependencies. Instead of relying on periodic scans or manual updates, Skylar One tracks changes and instantly updates CIs and relationships. With a continuously accurate CMDB, cloud architects can confidently allocate resources, shut down unused services, and maintain service reliability while controlling costs.

Simplified End-to-End Dependency Mapping

Skylar One automatically correlates performance and event data to create accurate visualizations of end-to-end topology and component relationships. With clear insight into how hybrid infrastructure is interconnected, IT Teams can pinpoint and resolve concerns often before users are affected. From Azure and AWS to on-premises data centers or colos, Skylar One maps and groups applications and infrastructure into business services—associating them with business owners and notifying the right stakeholders when changes or outages occur.

Improved Maintenance Window Adherence

Skylar One will helps maximize IT staff effectiveness by streamlining the planning and execution of maintenance windows. During approved change request windows devices are automatically placed into maintenance mode, suppressing alerts and notifications so teams can focus on the task at hand without distraction. This improves operational efficiency and ensures smoother maintenance, as NOC administrators stay aligned n with SMEs or IT administrators performing changes and upgrades.

Ensure 100% Accurate Compliance Reporting

Security teams can be confident that IT assets remain aligned with compliance standards through continuous synchronization of CMDB records as devices and services change. Real-time monitoring ensures deviations are quickly identified and corrected, minimizing compliance risk. Up-to-date records also support informed budgeting decisions by providing clear visibility into the IT environment and its performance against KPIs helping identify areas for improvement, optimize resource allocation, and drive operational efficiency.

Better Budget Planning with Performance Correlation

When scheduled or emergency change requests are created, Skylar One captures them and overlays the data onto performance and availability timelines. This visualization makes it easier to correlate changes with performance trends and quickly answers r the question, 'What's changed?' Whether viewed in Skylar One or a change management tool like Skylar Compliance, this clarity helps teams resolve concerns faster and maintain service reliability.