

Storage Analyzer KM

Storage Analyzer KM consolidates health, capacity, and performance metrics from any storage infrastructure into **BMC Helix Operations Management**. It helps detect, diagnose, and resolve storage issues that affect the performance and availability of your services.

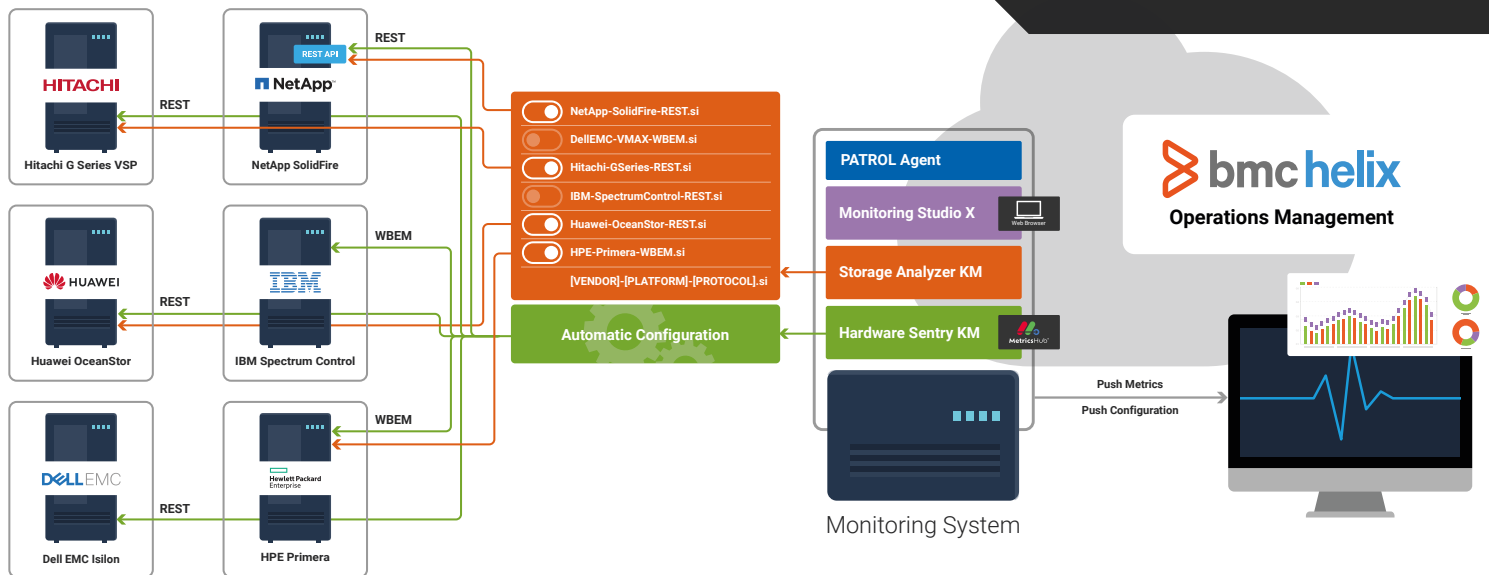
How Storage Analyzer KM Works

Storage Analyzer KM integrates natively with **BMC Helix Operations Management**. From the **BMC Helix** repository, administrators create a deployable package containing **Storage Analyzer KM** and the **Storage Intelligence Library**, then deploy it to a **PATROL Agent** installed on a host with network access to the storage system.

After installation, administrators configure monitoring through policies in **BMC Helix** or through the **Monitoring Studio X** Web interface. For each endpoint, they specify the hostname or IP address, select the appropriate **Storage Intelligence Adapter**, and provide the required credentials and connection settings.

Once configured on the selected **PATROL Agents**, the adapters discover the storage systems and collect health, capacity, and performance metrics. The collected metrics and status information become available in the **BMC Helix console**.

Storage Analyzer KM integrates natively with BMC Helix



Requirements

- ✓ Any supported version of **BMC Helix Operations Management**
- ✓ A **Sentry Bundle for BMC Helix Operations Management** license
- ✓ Access to **BMC Helix Operations Management** with **Tenant Administrator** rights
- ✓ JRE 1.8+
- ✓ Access to the systems to be monitored
- ✓ The roles and permissions required by each monitored storage systems.

Monitoring Coverage

Storage Analyzer KM supports a wide range of storage platforms, including enterprise disk arrays, NAS systems, software-defined storage, and object storage.



For the exhaustive list of supported platforms, refer to:



Monitored **Components** and Collected **Metrics**

Storage Analyzer KM collects health, capacity, and performance metrics from your storage infrastructure. The metrics collected depend on the monitored system and the information exposed by its instrumentation:



Storage Systems and Controllers

Controllers

Status · Presence · Processor utilization · Bandwidth utilization · Cache hit ratio · Overall operation rate · Read/write operation rates · Read/write byte rates · Total transfer rate

Storage Filers

Status · Available and consumed capacity

Storage Systems

Available, configured, consumed, and subscribed capacity · Metadata used percentage · Replication metadata used percentage · Status · Used and spare disk counts · Oversubscription situation · Bandwidth utilization · Overall, read, and write operation rates · Read/write byte rates · Total transfer rate · Overall, read, and write response times · Time since last activity · Uptime



Capacity and Logical Storage

File Systems

Allocated, available, and consumed capacity · Status

Storage Pools

Configured, consumed, and subscribed capacity · Oversubscription situation · Overall, read, and write operation rates · Read/write byte rates · Total transfer rate

Storage Volumes

Consumed and host-visible capacity · Consumed capacity percentage · Associated hosts and paths · Status · Overall, read, and write operation rates · Read/write byte rates · Total transfer rate · Overall, read, and write response times · Time since last activity



Physical Storage and Connectivity

Physical Disks

Presence · Status · Overall operation rate · Read/write operation rates · Read/write byte rates · Overall, read, and write response times

Ports

Presence · Status · Link speed · Bandwidth utilization · Read/write byte rates · Total transfer rate



Ready to Extend Your BMC Helix Monitoring?

Request a tailored demonstration or proof of concept to see how the **Storage Analyzer KM** can extend your **BMC Helix** monitoring across your unique infrastructure.



About Sentry Software

Sentry Software develops solutions that extend BMC Helix with deep visibility into hardware, storage, and custom technologies. Organizations across industries rely on Sentry Software to monitor heterogeneous infrastructure, optimize storage resources, and reduce operational complexity. Learn more: sentrysoftware.com



About BMC Helix

BMC Helix is an enterprise software company specializing in IT service and operations management. Its solutions help organizations manage IT services, monitor complex environments, automate workflows, and use AI/ops and agentic AI to improve operational efficiency and service availability. Learn more: helixops.ai