SVA

HIGHEST AVAILABILITY AND SECURITY THANKS TO BVQ MONITORING AND ANALYSIS

The Hager Group secures its IT infrastructure through the targeted monitoring of critical performance values.

AT A GLANCE

THE TASK

Central monitoring of the SAN infrastructure and performance-critical systems

SYSTEMS AND SOFTWARE

> IBM SAN Volume Controller
> SVA BVQ (Base Edition)
> IBM Storwize V7000
> IBM Storwize V3700

BENEFITS

> Harmonized display of the virtualized storage environment

> Monitoring and proactive management of critical systems using dashboards and alerts

> Integrated reporting of capacity and performance

> Planning certainty thanks to current and historical performance information

> Easier to plan investments, thus lowering costs

HAGER VERTRIEBSGESELLSCHAFT MBH & CO. KG

Hager is a leading provider of solutions and services for electrical installations in residential, commercial and industrial buildings based in Blieskastel, Germany. The Hager Group is the global market leader in the field of electrical installations, with a product portfolio ranging from energy distribution, cable management and security technology, all the way up to intelligent building automation.

Innovation, security, reliability, simple installation and operation and an appealing design are the key terms which best describe the products and services offered under the Hager, Berker and Elcom brands — and these are also the standards that must be met by the solutions and services. Electrical engineers, planners and architects, as well as wholesalers and end customers can all rely on these standards.

BACKGROUND

To operate its global SAP infrastructure, Hager uses a high-availability IBM SAN Volume Controller solution that stretches between two locations 40 kilometers apart. The locations are connected by a leased dark fiber line.

Alongside the possibilities it offers, this setup also holds a number of technological challenges relating primarily to monitoring and alerting.

The centrally controlled SAP system accessed by users all over the world is subject to the highest availability requirements. SAN Volume Controller Stretched Cluster meets these requirements, while also enabling a fast and fully automated failover across the large distance of 40 kilometers. The dark fiber line between the locations is a particular challenge as the company cannot directly monitor it using its own means. As this connection is used for all data transfer, it is important to constantly maintain an overview of the current performance data in order to proactively respond to any deteriorations.

:hager

BVQ

DETAILED ANALYSIS OF PERFORMANCE AND LOAD VALUES

SVA SOLUTION: BUSINESS VOLUME QUALICISION (BVQ)

Hager opted for the Business Volume Qualicision (BVQ) solution from SVA, as BVQ had already helped detect and quickly resolve problems in the previous system. BVQ's strengths lie in monitoring, analyzing and visualizing performance and loads. After a short installation time, BVQ gathers all topographical, load and performance data of the SAN Volume Controller and the connected storage systems. In order to display meaningful measured values quickly, indicators that enable the fast evaluation of these systems are constantly calculated.

The combination of different BVQ analytical tools enables a detailed analysis of all levels of the SVC, as well as both current and historical performance and load data. Moreover, problems can be revealed and remedied quickly thanks to the compact display of capacity and performance data on a single screen. This also makes it easy to detect ways in which storage systems can be optimized and implement the necessary steps.

BVQ impresses thanks to its GUI, the easy-to-understand configuration information and its displays of critical performance data. The strength of the BVQ GUI lies in its simple insights into the entire storage architecture. Detailed topographical data and critical performance and load values collected by the SVC, the connected storage systems and the VMware integration can be displayed and analyzed here.

Hager can now utilize its existing IT infrastructure more effectively, while simultaneously considerably simplifying its administrative work thanks to the intuitive, task-oriented GUI. As it can display both current and historical performance data and capacity utilizations, BVQ offers a high degree of planning certainty. When it comes to buying new storage systems in particular, this tool will significantly facilitate Hager's decision-making in the future.
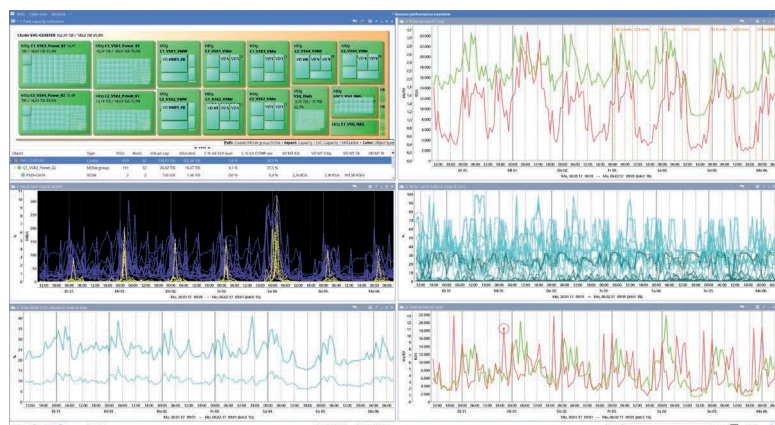

Fig.: Multiview dashboard with BVQ

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