BVQ BUSINESS VOLUME QUALICISION VERSION 5

WELCOME TO THE COCKPIT OF YOUR IBM SYSTEMS

KEEP YOUR STORAGE IN BALANCE

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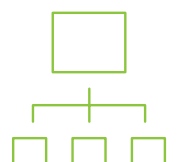
BVQ BUSINESS VOLUME QUALICISION VERSION 5

WITH BVQ YOU HAVE EVERYTHING IN SIGHT –
AT ANY TIME

BVQ Business Volume Qualicision is the monitoring, performance analysis and reporting solution for the storage systems IBM SAN Volume Controller (SVC) and the complete IBM Storwize family.

WELCOME TO THE COCKPIT OF YOUR IBM SYSTEMS

BVQ visualizes the complex infrastructure in a clear and logical end-to-end-view, which gives insights into deep technical details, and at the time remains easily comprehensible. BVQ allows to identify risks at an early stage, improve the efficiency of your storage systems in the long term and reduce cost. In this way, BVQ supports sustainable daily monitoring, as well as the planning, optimization and resolution of issues.

STRONG IN MONITORING, ALERTING AND REPORTING

> BVQ helps to identify risks at an early stage. Configuration and performance issues are identified and made visible to ensure smooth operation.

> BVQ connects domains such as storage, VMware, organizational structures, and service level management in an End-to-End-View. BVQ recognizes all relationships and permits a free combination of all levels.

> BVQ creates transparency in order to reduce storage cost and gains optimum use of the performance capability of the systems.

> SVA services around BVQ support the smooth operation with regular health checks and resource-planning. Experienced BVQ experts are ready to solve the most complex issues.

MODULAR EXTENDABLE

Cost Allocation: The Accounting-Package provides the option of automated storage cost allocation based on performance and capacity. Monitoring, reporting and analysis capabilities are extended in the areas of application, organization and cost.

Monitoring the SLA-Rules: : The Service-Level-Management-Package allows the management and monitoring of storage-related SLAs and other company-specific storage rules. Deviations are displayed graphically and can be linked directly into the alerting system.

Integrated view of VMware and storage: The VMware package provides an end-to-end-view from the virtual machine across the pools and going all the way down to the disk drives. This creates full transparency for the server/storage interaction.

Monitor the data mirror and FlashCopies: : The Copy Services package allows you to monitor and analyse all aspects of mirrors and FlashCopies. It allows an end-to-end-analysis of both mirrors and their interconnections.

EASY TO DO STORAGE ANALYSIS

VDisk performance   Lower cache partition   MDisk
(with IO filter)   fullness (min/max)   performance

(1) Problem!   (2) No cache problem   (3) No storage problem

(4) SAN problem   (5) No CPU problem

Node port performance   Node CPU
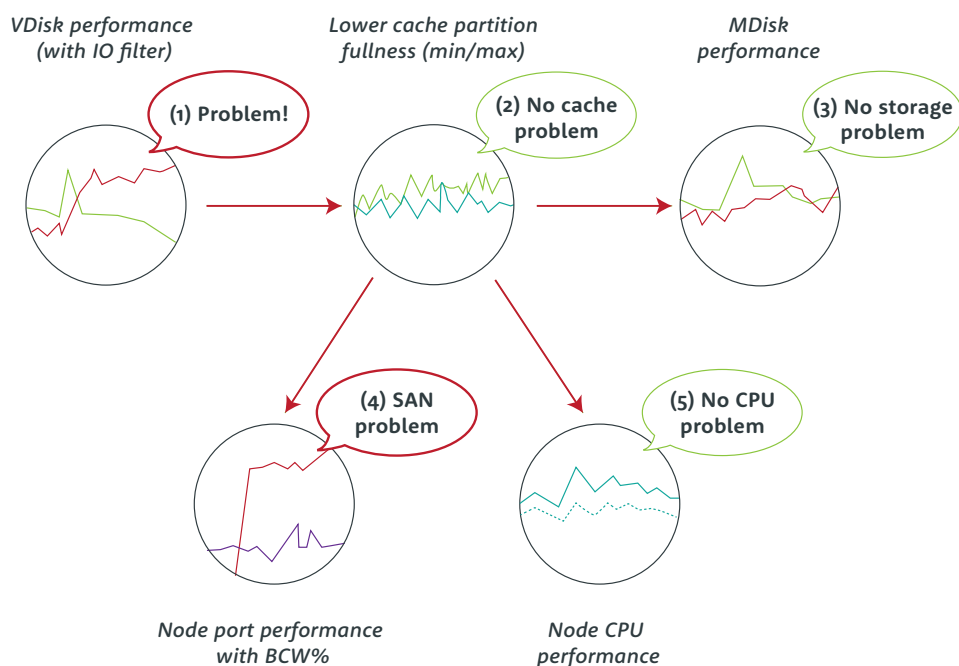with BCW%   performance

Fig.: Storage Analysis with BVQ

The **new BVQ Version 5** makes it even easier for you to monitor your storage and solve issues. The integration of a comprehensive documentation and a context-related help function simplifies the handling of complex problems.

OTHER ADVANTAGES

Easy-to-understand interactive presentations: Extensive visualizations, treemaps, tables, load curves, heatmaps and Topology-Driven Drill-Down-Procedures provide a comprehensive overview of complex environments.

Heatmaps indicate how much each individual storage area is utilized, how effective the compression is, or which volumes are suitable for compression.

Prepared and well documented sample solutions provide deep insight into the reliability of your storage infrastructure and potential risks.

Point and Click Reporting via Excel, PDF or HTTP: Reports are created from favourites with a few mouse clicks. BVQ reports can be directly integrated into Excel as a data source and can be updated via a single click.

The speed and performance of BVQ V5 has completely changed existing analysis strategies. Prepared analysis dashboards display complex relationships on only one monitor and speed up troubleshooting.

CHOOSE SVA'S ALL-ROUND SERVICE:

Our experienced BVQ experts will help you to maintain a smooth operation and support you immediately in the event of a performance issue.

SUPPORTING SYSTEMS:

> IBM Spectrum Virtualize family of products
> IBM SAN Volume Controller
> IBM Storwize
> IBM Flash system (v)840, (v)900, v9000
> VMware vCenter 5 and 6
> Runs on Microsoft Windows

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SVA SYSTEM VERTRIEB ALEXANDER GMBH is one of the leading system integrators in Germany in the fields of DataCenter Infrastructure. The company - founded in 1997 and based in Wiesbaden/Germany - by now has more than 710 employees at 16 branch offices all over Germany.

The corporate objective of SVA is to combine high-quality IT products from relevant manufacturers with SVA's project know-how and flexibility in order to achieve optimum solutions for our customers. The industry-independent core issues of the company include:

> High availability architectures
> Backup, archive and disaster recovery
> Storage Area Networks
> Virtualization solutions in the server, desktop and SAN environment
> Security solutions
> IT service management
> Software Consulting
> On-Site and Remote Services

The certified Solution Center of SVA in Wiesbaden provides SVA experts and customers with a broad range of demo, development and education scenarios, covering up-to-date hardware and software solutions of the SVA partners.

SVA has reached the most important certification levels e. g. with the following partners: Cisco, Citrix, Dell EMC, Fujitsu, HDS, Hewlett Packard Enterprise, IBM Germany, Lenovo, Microsoft, NetApp, Nutanix and VMware.