

BVQ[®]

Business Volume Qualicision 1.0

KEEP YOUR STORAGE IN BALANCE

BVQ by SVA

Introducing Business Volume Qualicision



WHY?

Storage is a Top Management issue.

- > The total network disk storage market posted **15.8% year-over-year growth.***
- > Storage volumes are growing as much as 70% annually, and storage management is having a **profound impact on IT budgets.****
- > SANs and virtualization may have been the company's two saviors, but they have also made the **IT department's work more complex.*****

* IDC, March 2008 (NAS Combined with Open SAN)

** Computerworld 2March 008

*** Network World April 2008

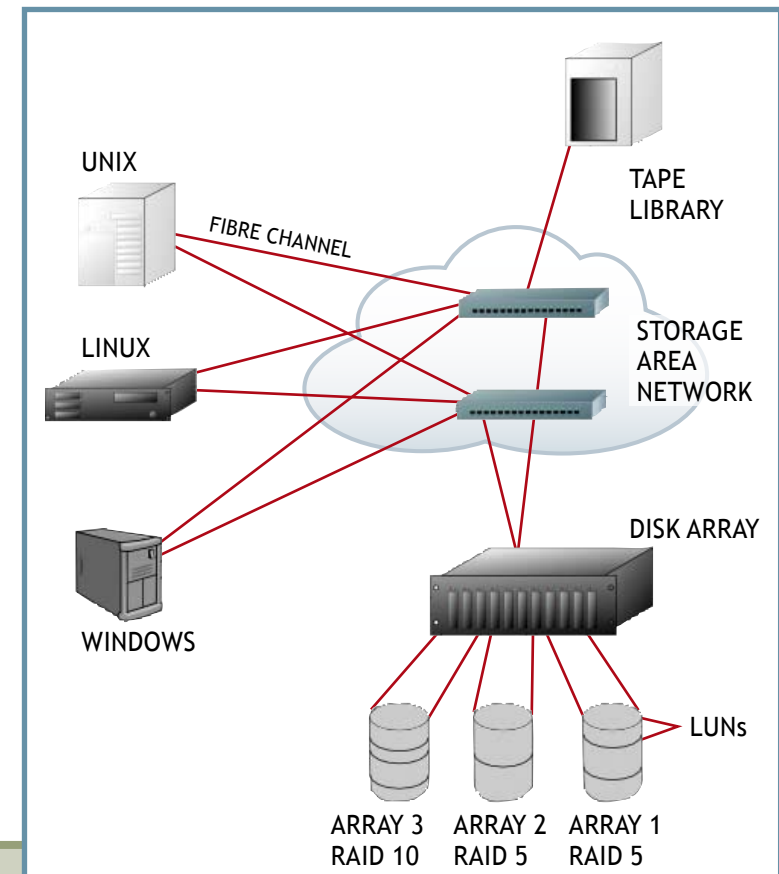


WHY?

Get rid of your storage pains.

Looking at customer sites today it is difficult to...

- > identify **bottlenecks and hotspots**.
- > find **unused storage** resources.
- > **allocate storage cost** to applications and cost center.
- > provide **best services** at reasonable cost.
- > reduce storage **administration overhead**.



WHAT?

Get transparency on your storage.

BVQ to be a smart SVC Visualization Tool by...

- > showing a **clear and transparent structure** of SVC performance and capacity data.
- > **navigating easily** through several levels of disk types and other aggregated storage data.
- > **deep diving into performance data** and always having a clear orientation where you are.

The screenshot displays the BVQ interface with a host overview and a detailed VDisk attributes window. The host overview shows three VDisk groups, each with a capacity of 300GB, under a host with a total capacity of 940GB. The detailed VDisk attributes window provides the following information:

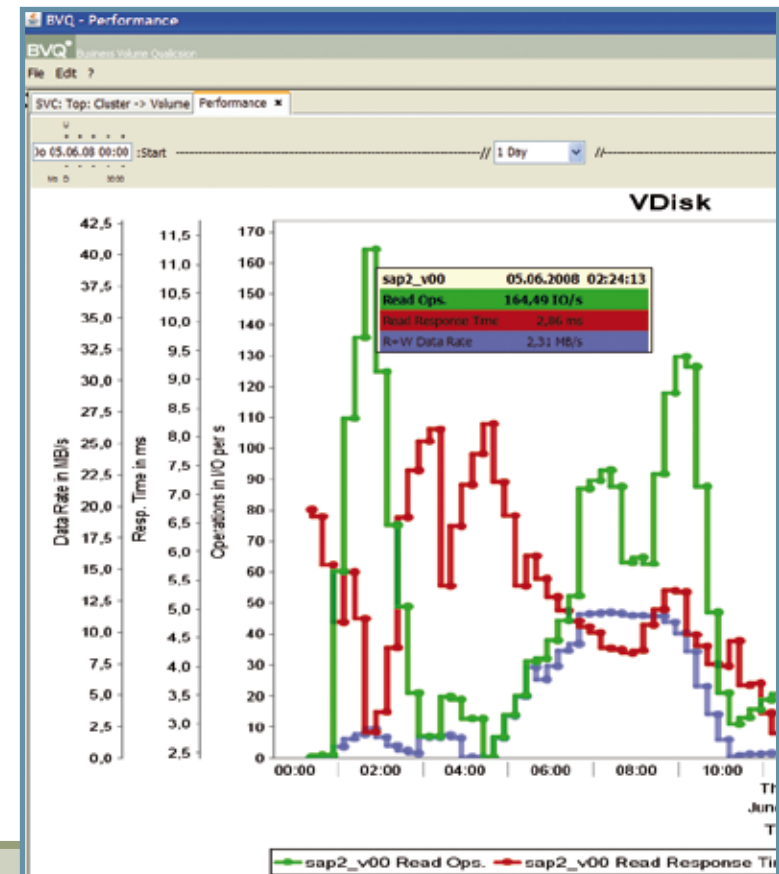
VDisk: VD ES X3VMFS Tivoli	
Attributes	
ID:	121
VDisk Group:	
MDisk Group:	MDG_FST_R5
Extent Size:	16 MB
MobilityZone:	
IO Governing:	0
Last Change:	2007-05-11 16:29:28.0
Cache Typ3:	readwrite
IO-Group:	io_grp0_tssc
Preferred Node:	svc1n2
UID:	600507680185838438438473800000000c3
Online State:	online
Last Change:	2007-05-11 16:29:27.0
Comment:	
Accountables	
Capacity:	50GB
Price:	
Cost:	35,00 €
Topology	
Host:	2 Count:
SVC:	5 MDisk Count:
Subsystem:	1 Array Count:
	9 Disk Count:
	1 Controller Count:

WHAT?

Manage virtualized storage efficiently.

BVQ to be a smart SVC Reporting & Analysis Tool by...

- > **classifying storage** resources based on availability and performance.
- > **enabling to find and analyze hot spots** and take appropriate measures to avoid them.
- > **creating** management and operational reports.
- > **surveilling service-level-agreements** thus delivering best performance/capacity to cost ratios.

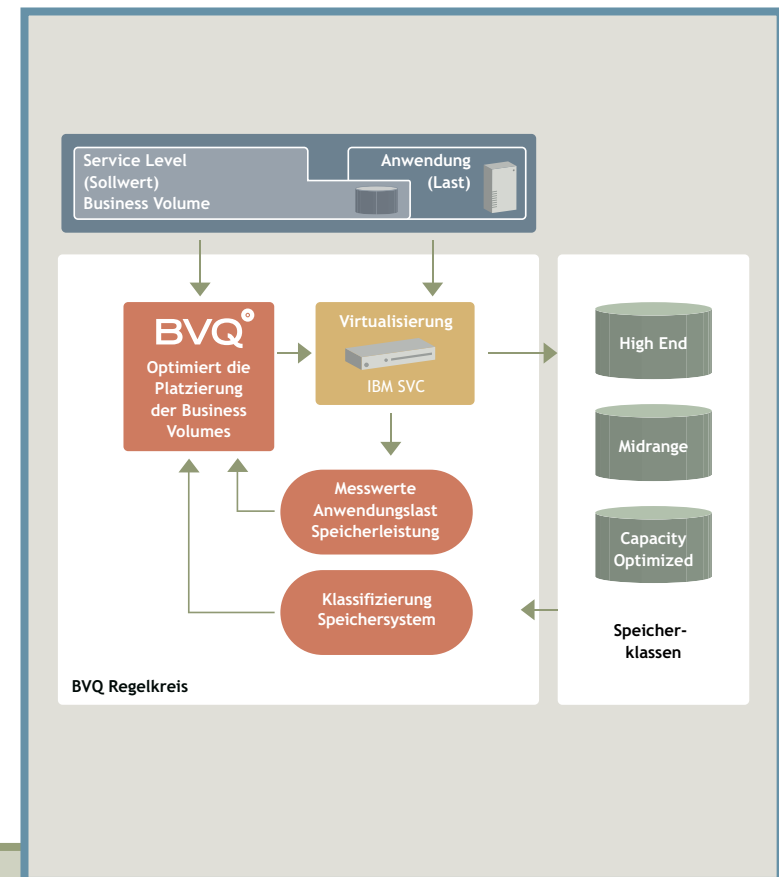


WHAT?

A steering tool based on fuzzy logic.*

BVQ to be a Feedback-Control System by...

- > measuring the SVC application load.
- > receiving the actual storage layout.
- > defining reference values.
- > generating placement suggestions.



* Planned Q4, 2008

HOW?

Relying on customer experience and subject matter experts.

BVQ was developed by...

- > a 10+ Development, Project-Management & Consulting Team.
- > Best of Breed SVC Experts, consisting of Certified IBM IS-Architects and IBM Redbook authors.
- > relying on strong Customer involvement, having a close relationship to our SVC Customers and being the leading (Non-IBM) SVC supplier in Germany.

Our customers appreciate the potential.

Customer quote:

> "Without using BVQ, you are blind."

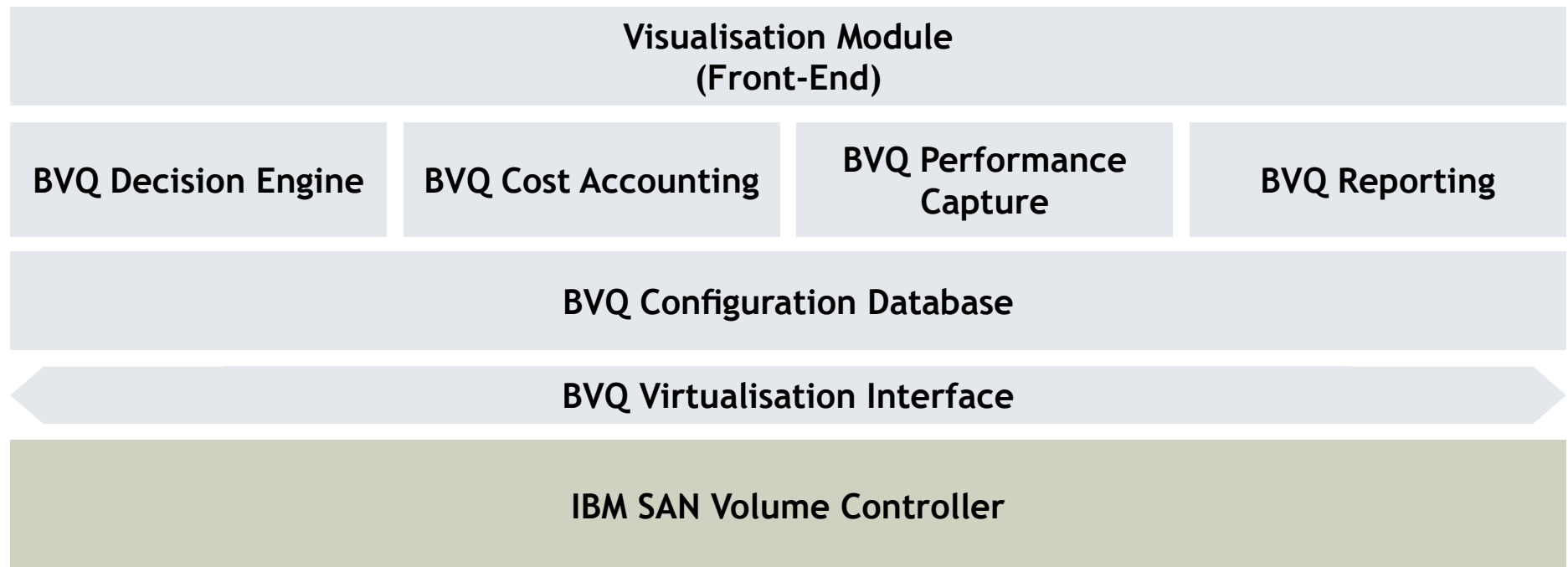
"BVQ is very useful for the day-to-day business."

"BVQ helps to make strategic storage purchase decisions."

Reinhard Waas,
Storage Manager, LHS,
A leading Provider
of Telecom Billing Software,
Germany

BVQ MODULES

State of the Art software architecture.



More information available on:

www.sva.de/bvq

info@sva.de