Veritas™ Risk Advisor

VERITAS™

IT resiliency and performance optimization

Challenges to IT service resiliency

Modern enterprise IT infrastructures are characterized by heterogeneity, cloud adoption, high rates of change, growing scale, consumerization of IT, and increasingly, an expectation of an "always-on" level of availability. IT leaders responsible for the infrastructure are focused on delivering high IT service continuity, data protection, and optimized operations to meet the needs of their internal and external customers, as well as of regulators. Failure to adequately meet these requirements can result not only in adverse customer service impacts and delays in market presence that can lead to reputational impacts and financial losses but may also have serious legal implications.

To achieve their IT service continuity objectives, IT leaders invest significant resources (both human and financial) on high availability (HA) technologies and disaster recovery (DR) planning. Yet routine day-to-day operations can lead to configuration drift, which can introduce "ticking time bombs" in the environment that if undetected can lead to unplanned downtime, data loss, or sub-optimal performance and asset utilization. For example, failure to restore replication following maintenance or failure to ensure redundant paths to storage. Even DR tests that are intended to identify risk factors in the environment, can fail to identify various risks due to lack of frequency and accommodations (such as conducting partial tests or performing orderly shutdowns) that are often made to make them more manageable. Automated auditing, on the other hand, is a more palatable and less intrusive approach for improving IT resiliency.

Early risk detection–Optimizing the infrastructure, minimizing downtime, and reducing data loss

Veritas™ Risk Advisor scans and analyzes an enterprise's IT infrastructure for availability and data loss risks and system optimization opportunities, as well as provides prioritized remediation guidance. It allows you to find risks and address them before they manifest in extended downtimes, data loss, or poor performance.

Key benefits

- **Improved availability**—Through effective recovery in case of disaster
- **Better data protection**—Through helping ensure policy adherence
- **Optimized system performance**—Through improved application of best practices and vendor recommendations

Key features

- **Agentless**—Scans infrastructure (production, DR, test/QA, local, remote) on a scheduled basis, using read-only commands and without the need to deploy agents. Leverages a data base of nearly 6,000 risks.
- **Dependency aware**—Understands how various infrastructure elements relate to each other to enable business applications and uses this to prioritize risks.
- **Highly scalable**—Distributed architecture allowing monitoring of multiple, geographically dispersed data centers and aggregation for consolidated view of enterprise-wide IT service continuity and performance risks.
- **Management tool friendly**—Integrates with leading system management consoles and enterprise ticketing systems.

SAN Analyzer module

The optional SAN Analyzer module enables identification of a deeper level of SAN-specific risks including path configuration risks, single points of failure, storage alignment risks, fabric best practice violations, and host bus adaptor (HBA) mis-configurations.

Supported systems

- **Platforms (for master server)**—Windows® 2008 or 2012 R2 Server x64, Oracle® 11g (local or remote)

- **Storage**—EMC® VPLEX®, EMC® Symmetrix®, EMC® CLARiiON®, EMC® Isilon®, EMC® Data Domain®, Hitachi Data Systems, HP XP, NetApp® On Command® Unified Manager, IBM® DS, IBM® XIV®, IBM® SVC, and HP 3PAR

- **Operating systems**—Windows® 2000 and above, HP-UX 11 and above, Oracle® Solaris 8 and above, RedHat® Linux AS 3 and above, SUSE® Linux 8 and above, IBM® AIX® 4 and above

- **Virtualization**—VMware®, Microsoft® Hyper-V, IBM® PowerVM®, Oracle® Solaris LDOM

- **Databases**—Oracle®, Oracle® OEM, Microsoft® SQL, Sybase®, IBM® UDB

- **Clusters**—Veritas™ Cluster Server, HP MC/ServiceGuard, PolyServer, IBM® HA/CMP (PowerHA), Oracle® Sun Cluster, Microsoft® Cluster Server, RedHat® Cluster, SUSE® Cluster, Cisco® UCS, NetApp® Cluster (cDOT)

- **Replication**—Veritas™ Volume Replicator; EMC: TimeFinder, SRDF, MirrorView, SnapView, RecoverPoint; NetApp: SnapMirror, SnapShots, SnapVault; Hitachi Data Systems: TrueCopy, ShadowImage, UniversalReplicator; Oracle: DataGuard, GoldenGate; IBM: FlashCopy, FlashCopy/SE, Metro Mirror, Global Mirror, Global copy; Zerto Virtual Replication

- **Multipathing**—Veritas™ Dynamic Multi-Pathing, EMC® PowerPath, HP PVLinks, HPDM, RedHat® Linux MPIO, IBM AIX MPIO, SDD, Hitachi Data Systems HDLM, NetApp® DSM

- **SAN management systems**—Brocade® Network Advisor

- **System management frameworks**—IBM® Tivoli®, HP OpenView, and Oracle® Enterprise Manager

- **Enterprise ticketing systems**—Atlassian JIRA, BMC Remedy, and HP Service Manager

For a complete list of supported systems please check the Services and Operations Readiness Tool at www.support.symantec.com

Learn how to maximize the use of your Veritas products at http://go.veritas.com/training.

More Information

Visit our website

www.veritas.com

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Veritas Technologies LLC enables organizations to harness the power of their information, with solutions designed to serve the world's largest and most complex heterogeneous environments. Veritas works with 86 percent of Fortune 500 companies today, improving data availability and revealing insights to drive competitive advantage.

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