Veritas InfoScale™ Foundation

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Increase your storage utilization, efficiency, and availability

Overview

Veritas InfoScale™ Foundation is specifically designed for an enterprise's edge-tier, departmental, and test/development systems. InfoScale Foundation combines industry-leading Veritas™ File System and Veritas™ Volume Manager technologies, and delivers a comprehensive solution for heterogeneous online storage management while increasing storage utilization and enhancing storage I/O path availability.

Reduced complexity and increased efficiency

If an IT organization is locked into a single storage vendor, it is likely that they are paying a premium for storage. By fully virtualizing connectivity from the host to storage, InfoScale Foundation increases data center agility and provides flexibility in choosing a storage vendor. A storage administrator benefits by being able to choose the type of storage hardware that best suits the organization's needs, knowing that the multipathing driver on the host either already supports that storage hardware or can easily be enhanced to support it. InfoScale Foundation supports more than 1,000 different storage array models from all of the leading vendors.

Ensuring optimal I/O performance in virtualized environments is an ongoing challenge. InfoScale Foundation enhances I/O performance by distributing requests across all available paths according to pre-defined load balancing policies. An administrator can select between multiple policies depending on the characteristics of the I/O workload, SAN layout, and performance needs while keeping systems online. Administrators may also apply configuration and tuning templates to ensure consistency across multiple VMware® ESX® servers.

Increased storage utilization

InfoScale Foundation enables administrators to improve storage utilization and capacity management across heterogeneous operating systems and storage hardware. InfoScale Foundation enables storage virtualization across edge-tier workloads, whether there are multiple volumes within a single server or volumes that span and are visible to multiple servers. Physical disks can be grouped into logical units (LUNs), and volumes are dynamically sized and resized to improve disk utilization and help eliminate storage related downtime. This improves storage utilization and sets the stage to move data seamlessly between different operating systems and storage arrays and to spread I/O across multiple paths to improve performance.

Supported systems

- **Operating systems**—Windows®, Linux®, IBM® AIX®, VMware ESX, Red Hat® Enterprise Linux, Oracle® Solaris SPARC Unix, Oracle® Enterprise Linux (RHEL compatible mode)
- **Replication**—Hitachi TrueCopy, HP Continuous Access XP, HP Continuous Access EVA, EMC® SRDF®, EMC RecoverPoint®, EMC® MirrorView™, NetApp® SnapMirror, IBM® Metro Mirror, IBM® Global Mirror, IBM® HADR, IBM® XIV®, Oracle® Data Guard, and others
- **Storage**—EMC®, HDS, IBM®, NetApp®, HP, Dell® Compellent, and others

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

More Information

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About Veritas Technologies LLC

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.

Veritas World Headquarters

500 East Middlefield Road
Mountain View, CA 94043
+1 (650) 933 1000
www.veritas.com

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