

Veritas InfoScale™ Availability

Enabling application availability

Maintain IT service continuity across the Enterprise

The global penetration of technology has created consumers that expect round-the-clock product and service availability. Whether it's for internal employees requiring business services to always be on or for end customers that heavily influence how successful a business is, the IT organization is under constant pressure to deliver highest levels of availability for its most critical IT services, wherever they reside.

Veritas InfoScale™ Availability protects an organization's most important IT services against unwanted downtime through resilient high availability and disaster recovery for critical business services. Organizations run enterprise applications and databases, custom applications, and complex multitier IT services across multivendor operating systems, storage infrastructures, and physical and virtual technologies. InfoScale Availability gives IT organizations a single solution for maintaining IT business continuity across these complex and diverse environments.

- Application availability across physical and virtual environments
- Availability across any distance with automated non-disruptive testing
- Advanced failover logic with data integrity protection
- Leading vendor in hardware and platform support
- Out-of-box support for leading enterprise applications, databases, and data movers

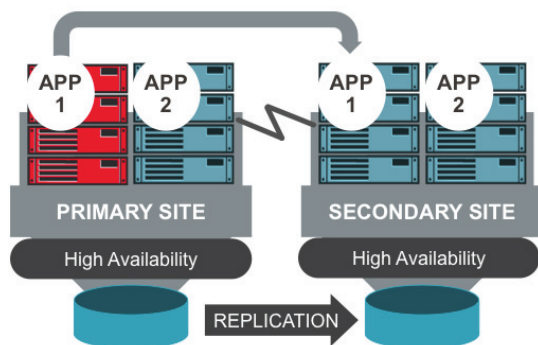


Figure 1. InfoScale Availability enables application availability.

Simplified orchestration for complex, multitier IT services

IT services are no longer standalone applications running on single servers. Multitier business services make up most of an IT organization's critical services, with different components of the business service running on different tiers of infrastructure with their own unique availability needs. A failure at any tier can bring down the entire business service and managing the recovery is time consuming and complex. Virtual Business Services in InfoScale Availability is aware of the complete business service and takes action in the event of a failure to restore the entire service. When an individual component fails, Virtual Business Service automatically orchestrates the connection to other computing resources, on-site or even across sites. This means faster recovery and minimal downtime—with no manual intervention.

Maximum uptime for on-site IT Services

InfoScale Availability helps ensure physical and virtualized IT services on-site are protected against unwanted downtime through effective application monitoring, visibility, and insight. IT organizations can achieve quick recovery in case of application-level faults with Intelligent Monitoring Framework. Intelligent Monitoring Framework uses asynchronous monitoring to detect failures instantaneously and eliminates CPU overhead associated with legacy poll-based monitoring. InfoScale Availability allows true N+1 "roaming spare" or N+M "active/active" capability for maximum availability without the cost of needing a dedicated spare per application. Optimal asset utilization is provided via AdaptiveHA within any N+M cluster with dynamic failover target selection based on available capacity in terms of CPU, memory, and swap. Data integrity in clusters is ensured, with protection against split brain scenarios and proactive prevention of applications starting simultaneously on more than one server during a failover.

Predictable IT Service Continuity across any distance

InfoScale Availability enables predictable recovery times for business services by providing single-click recovery options locally (high availability), in a metro region (through campus clusters), and globally (through wide-area disaster recovery). Campus clusters are intelligent, failing over all associated service group dependencies for a business service, during a cross-site failover and site-based priority determines preferred site for failover. InfoScale Availability works with an organization's data mover of choice, by supporting leading software- and hardware-based data movers. It automates the process of replication management and application startup at the remote site, without the need for complicated manual recovery procedures requiring storage and application administrators.

Automated disaster recovery testing

InfoScale Availability helps the IT organization foolproof their IT business continuity strategy with non-disruptive recovery testing through FireDrill. FireDrill lets an IT organization simulate disaster recovery tests by starting up a business service at the disaster recovery site as it would in an actual disaster. Because it is a simulation, FireDrill allows recovery readiness to be tested with minimal disruption to production environments.

Comprehensive hardware and platform support

Multiple platforms with multiple high availability and disaster recovery tools creates a complex IT environment that is expensive for administration and may present a higher likelihood of error. InfoScale Availability supports all leading operating systems and platforms such as Windows®, Linux®, Cisco® UCS Servers, VMware® ESX®, Red Hat® Enterprise Virtualization, Oracle® VM, and Microsoft Hyper-V®.

Supported systems

Linux, Windows, IBM® AIX®, Microsoft Hyper-V, Oracle® Solaris SPARC Unix, Oracle Solaris x86, VMware

For Virtual Business Services: InfoScale Availability (formerly Symantec Cluster Server), Symantec ApplicationHA, and Microsoft Windows Failover Cluster

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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www.veritas.com

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