In today's economic climate, many IT organizations strive to contain their costs while continuing to meet ever increasing demands for improved availability and performance of critical applications. Organizations face a number of challenges to meet these objectives. They must:

- Balance affordability with availability requirements
- Align their high availability architecture and technical infrastructure with service levels
- Configure their high availability software and recovery policies to minimize availability, data security, and performance risks
- Implement effective processes and governance to deploy and sustain high availability
- Provide reporting and transparency of availability and downtime

**High Availability Optimization Assessment**

Symantec's™ High Availability Optimization Assessment evaluates your existing technical infrastructure and operations and provides actionable expert advice to help you deliver affordable and sustainable levels of availability.

IT managers receive both a technical evaluation of environments running Storage Foundation HA and an operational review of the underlying architecture, skills, processes, and governance through workshops and technical checks. Over 200 technical checks cover a broad range of configuration issues including: storage and server hardware, operating systems, Veritas Storage Foundation and Veritas Cluster Server, architecture, and utilization.

At the end of an engagement, Symantec consultants host a workshop with the program sponsor and key stakeholders to review findings and recommendations. The results of the assessment are aligned with standard IT service management frameworks such as ITIL to identify causation, map problematic conditions to the reference architecture layer, and articulate technical solutions.

Recommendations are presented to meet multiple corporate objectives:

- **Cost containment**—discover ways to optimize storage and server resources, and defer new hardware acquisitions
- **Improved operations**—receive guidance for improving policies and processes
- **Service assurance**—confirm that the existing Storage Foundation HA configuration supports current and planned service level objectives
- **Reduced risks**—identify risks to the availability and performance of critical application environments, including probability and impact ratings
- **Improved skills**—obtain insight from the experts on how to manage Storage Foundation HA environments more effectively
**High Availability Configuration Assessment**

Symantec’s High Availability Configuration Assessment provides organizations with a comprehensive technical evaluation of their high availability architecture, technology and configuration to optimize the availability of critical applications.

The configuration assessment is one component of the broader High Availability Optimization Assessment, and can be completed as a stand-alone assessment for organizations with a narrower focus on technical improvements. IT managers receive a technical report with expert recommendations for mitigating any availability or performance risks identified through a set of structured interviews and over 200 checks.

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<tr>
<th>Business Benefits</th>
<th>Configuration Assessment</th>
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<td>Service assurance</td>
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*Figure 1: Business benefits of Symantec High Availability assessments*

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**Service Delivery**

**Phase 1 - Data Collection**

Prior to the consultant's arrival on-site, IT staff complete a questionnaire to prepare for an operational review, and upload Storage Foundation HA data to a secure website to provide configuration details. Only meta-data regarding the state of the underlying infrastructure and operations is transmitted. No agents are installed at the client site.

**Phase 2 - Technical Analysis**

Data is analyzed by a comprehensive suite of tools, performing over 200 technical checks to identify configuration issues.

**Phase 3 - Onsite Interviews and Workshops**

A consultant will conduct a series of interviews and workshops to discuss the findings from the technical assessment and review the architecture, skills, processes, and governance that support the Storage Foundation HA environment.

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*I think what makes Symantec Services unique is that they have an incredible heritage with their products. Their consultants have direct access to engineers and to the people that live and breathe their technologies every day.*

- Symantec customer

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Confidence in a connected world. 

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Phase 4 - Final Workshop, Reports and Presentations

At the end of the engagement, the consultant hosts a workshop to review findings and recommendations for configuration standards and to optimize performance, availability, manageability and value from Storage Foundation HA.

These actionable recommendations map issues to the ITIL framework to identify causal processes, and map conditions to the reference architecture layers to identify technology solutions. Recommendations also chart assessment results from a risk perspective, providing probability and impact ratings.

The following reports are standard deliverables for this service:

- Configuration audit
- Summary of all findings and recommendations
- Detailed report for each assessed system

Presentations will be used to review findings and recommendations:

- **Executive review**—a high level summary of the issues and risks found amid the current environments with strategic recommendations for service improvements and cost containment
- **Technical review**—a detailed review of the findings and recommendations for the technical environment
- **Operations review**—a detailed review of the findings and recommendations for the operations environment
Veritas Storage Foundation HA is a comprehensive solution that delivers data and application availability. Storage Foundation HA combines two industry-leading availability technologies: Veritas Storage Foundation, and Veritas™ Cluster Server.

Veritas Storage Foundation provides online storage management, enabling high availability of data and optimized I/O performance across multiple hardware platforms.

Veritas Cluster Server monitors an application and all associated components, including database, network, and storage resources. If a failure is detected, Veritas Cluster Server gracefully shuts down the application along with relevant resources and restarts it on an available physical or virtual server.

**About Symantec Services**

Symantec Services offers deep technical knowledge and expert resources for securing and managing the world's information. With a staff of 4,000 professionals and an extensive partner network, Our best practices are based on decades of technology leadership and thousands of engagements with companies of all sizes, including 95 percent of the Fortune 500. Count on Symantec Services to help you address your toughest IT challenges so you can operate with confidence in today's connected world.

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**About Symantec**

Symantec is a global leader in providing security, storage and systems management solutions to help consumers and organizations secure and manage their information-driven world. Our software and services protect against more risks at more points, more completely and efficiently, enabling confidence wherever information is used or stored.

**Symantec World Headquarters**

350 Ellis St.
Mountain View, CA 94043 USA
+1 (650) 527 8000
1 (800) 721 3934
www.symantec.com