

AvailabilityGuard/Enterprise™

IT Operations Analytics for Infrastructure Outage Prevention

Cross-domain Service Availability Management

Used by leading enterprises worldwide, AvailabilityGuard/Enterprise is a complete Service Availability Management (SAM) solution, providing IT organizations with comprehensive command-and-control capabilities to manage service availability and business continuity readiness across their entire IT infrastructure.

Hidden risks are inevitable in any IT environment

As the IT landscape grows in size and complexity, it is practically impossible for all IT teams to ensure 100% adherence to vendor best-practices in all areas of your production environment.

In addition, ongoing and frequent configuration changes across all layers of the IT infrastructure inevitably result in discrepancies between production and High Availability/ Disaster Recovery environments, introducing risks that remain hidden until disaster strikes.

Detect risks across the entire IT infrastructure

The AvailabilityGuard Risk Detection Engine™ automatically scans your IT infrastructure in a non-intrusive, read-only mode, collecting up-to-date configuration information from servers and clusters, storage devices, virtual infrastructure, and database servers across physical, virtual, and hybrid environments.

It then analyzes the information gathered against the continuously updated Risk Signature Knowledgebase™ and pinpoints any misconfigurations that can lead to downtime or data loss.

Correct vulnerabilities before they impact the business

AvailabilityGuard/Enterprise serves as a common platform for all relevant IT teams to collaboratively correct critical vulnerabilities.

Automated notifications and alerts are sent to the appropriate resources when availability or data loss risks are uncovered, allowing your IT teams to proactively address issues before they impact business operations.

HIGHLIGHTS

- Early detection of availability risks and single-points-of-failure
- Daily validation of configuration changes against a knowledge base of over 5,000 cross-domain, multi-vendor best-practices
- Actionable remedial alerts to relevant teams
- Easy measurement and visibility of various metrics (IT analytics)

"We were able to identify the possible risks in our current strategy, making it easier for us to anticipate them and establish proactive measures..."

Antonio Castillo, **BBVA**

KEY BENEFITS

- 90% reduction in unplanned infrastructure outages
- Better IT operations stability and configuration quality
- Verify and measure disaster recovery KPI's
- Shorter time from design to implementation
- Maximize your IT investments

Best-Practice Violation Detection

Risk Detection Engine automatically uncovers deviations from vendor best-practices that could cause downtime or data loss risks.

Configuration Gap Monitoring

Continuous monitoring and verification of IT changes ensures proactive detection of configuration gaps between the production and DR/HA environments that create data protection, availability, or disaster recovery risks.

The Power of the Community

Community-driven Risk Knowledgebase contains thousands of configuration risk signatures and is constantly updated.

Comprehensive SLA Management

Policy-driven SLA Management monitors established SLA policies and alerts the appropriate teams when violations are detected.

Automated Alerts & Notifications

Instant notification of a potential problem to the proper team in your organization ensures timely response to any issue before it impacts the business.

Risk Assessment Dashboard

Provide non-IT executives with insight into the company's readiness and risk levels.

Live Data Center Documentation

Gain insight with an interactive, graphical topology of all data center entities, dependencies, and relationships.

Data Center Change Audit Trail

Ensure the entire data center team stays informed of all changes.

Identification of Optimization Opportunities

Discover unutilized storage space or other opportunities to reduce costs and improve overall system performance.

Comprehensive Reporting

Get the information you need, on-demand, to monitor and analyze your service availability risks.

Ticketing and CMDB Integration

AvailabilityGuard can be integrated with CMDBs and ticket management systems from leading vendors (IBM Tivoli, HP OpenView, BMC Remedy, and others), allowing you to consolidate system management across the enterprise.

PLATFORMS

Operating Systems

- Solaris 8+
- HPUX 11.0+
- AIX 4+
- Linux RedHat AS 3+, SuSE 8+
- Windows 2000+
- ESX / ESXi 3.5+

Virtualization

- VMware vSphere
- All major Unix virtualization environments

Databases

- Oracle 8.1.7+
- MS SQL Server 2000 SP3+
- Sybase 12.5+
- DB2 UDB 8.1+

Storage

- EMC Symmetrix / VNX/ CLARiiON / RecoverPoint / VPLEX
- NetApp Filers – All
- HDS AMS, USP, VSP
- IBM DS 3,5,6,8K, XIV, SVC, V7000
- HP XP, 3PAR

Clusters

All major cluster environments

Replication

All native storage replication engines, WR, DataGuard, GoldenGate

Volume Management

All major LVMs and file systems

The AvailabilityGuard Dashboard

The AvailabilityGuard dashboard provides an immediate snapshot of service availability risks throughout your IT infrastructure and the ability to drill down to the details of any issue.



The AvailabilityGuard Ticket

AvailabilityGuard tickets include detailed issue description, the potential business impact, and a suggested remediation action; this facilitates collaboration among the relevant IT teams.

