Avoid Private Cloud Downtime and Data Loss Risks

AvailabilityGuard
cloud edition

Ready or not, the cloud is here.

According to industry analysts, increasingly large portions of enterprise mission-critical applications are already running in a virtualized environment. With significant operational benefits offered by the cloud, this trend is expected to continue.

But are you confident your cloud infrastructure is reliable enough to provide the service availability required for your business?

Built-in High Availability is great, but not risk-free.

While the cloud offers built-in redundancy and high availability options, no environment is fail-proof. The dynamic nature and abstraction which make the cloud so powerful are the very same features that make the management of cloud configuration extremely challenging and risk-prone.

As many organizations have learned the hard way, even a minor mistake in your ESX cluster configuration or storage allocation could lead to a major outage or data loss incident.

Organizations have no tools in place to detect private cloud configuration errors, alert when they occur, and prevent them from recurring.

Configuration errors may linger in your environment without immediate impact, but may still pose a risk when circumstances change. Furthermore, since the number of combinations and permutations is almost endless, manual failover testing is just impractical in the cloud environment.

The impact of cloud failures can be far reaching.

Even the failure of a single physical device or shared file system in the cloud can bring down multiple virtual machines running several business applications, severely impacting your business service availability.

AvailabilityGuard/Cloud At a Glance

- Automatic detection of private cloud availability vulnerabilities

- Analysis and presentation of potential impact on business services

- Identification of private cloud infrastructure optimization opportunities and best practices recommendations

- Agentless, non-intrusive data collection using standard communication protocols with zero impact on your environment

- Integration with leading configuration management database (CMDB), ticket management, and enterprise console systems

Key Benefits

- **Dramatically reduce downtime and data loss risk**

- **Proactively address issues and eliminate time wasted fighting fires**

- **Improve coordination between virtualization, storage, and other IT teams**

- **Maximize the return on your private cloud assets**

AvailabilityGuard/Cloud:
# Automated service availability risk detection

Proactive Scanning of Your Private Cloud Environment

The AvailabilityGuard Risk Discovery Engine™ automatically scans your private cloud environment in a non-intrusive, read-only mode, collecting up-to-date configuration information from vCenter, storage devices, virtual machines and virtualized database servers.

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

The AvailabilityGuard Dashboard

The AvailabilityGuard dashboard provides an immediate snapshot of availability risks and their potential impact on critical business services throughout your private cloud infrastructure. From the dashboard, you are just a click away from detailed information on any issue.
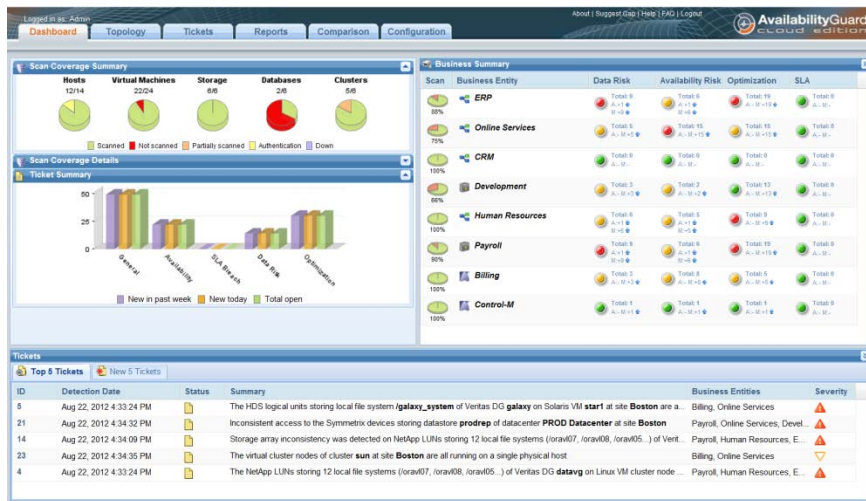
Automated Alerts and Notifications

Automated notifications and alerts are sent to the appropriate resources when availability risks are uncovered. To ensure issues are tracked to resolution, AvailabilityGuard automatically creates an actionable trouble ticket, including a detailed description of the problem, its potential business impact, and suggestions for remediation. The trouble ticket can be also generated in your existing IT management system (e.g. HP OpenView).

Get Your Two-hour Private Cloud Risk Assessment

Get a report identifying risks you can fix today in your private cloud infrastructure – all within two hours!

Limited time offer.

For details and sign-up email
2hr-cloud@continuitysoftware.com

Supported Platforms

Virtualization
- VMware vSphere
  (For Unix virtualization, check out Continuity Software's AvailabilityGuard)

Guest Operating Systems
- Solaris 8+
- Linux RedHat AS 3+, SuSE 8+
- Windows 2000+
- OEL 4+

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

Storage
- EMC Symmetrix / VNX / CLARiiON
- NetApp Filers – All
- HDS AMS, USP/V, VSP
- IBM DS 6K, 8K, XIV, SVC
- HP XP

Guest Clusters
All major cluster environments, including MSCS, VCS, RAC and Linux Clusters

Replication
All native replication engines
(For replication verification, check out Continuity Software's RecoverGuard)

Volume Management
All major LVM and file systems