

Resilience Assurance for Public Cloud

*Outages, Data Loss
and Security Breaches
Can Be Prevented*

As IT professionals well know, the cloud's ease and simplicity cover enabling technology that is complex, multi-layered and interdependent. Assuring reliability and security of these environments is a multi-faceted challenge and one for which the enterprise, not the cloud provider, is ultimately responsible.

All major cloud providers keep pushing new improvements, innovative features, capabilities and services at a pace not seen before. Practically, it is impossible for human IT teams to be aware of all recent vendor and industry best practices, and to know how changes impact uptime, resilience and security, especially since it is unfeasible to test the stability and quality of each change.

In this kind of highly complex technology environment, with a large volume of ongoing changes and thousands of ever-evolving best practices, it's almost impossible to manually identify risks, and thus, misconfigurations are a natural result.

The AvailabilityGuard NXG's powerful "CLOUD" risk detection engine runs analyses against an unequalled knowledge base of hundreds (and growing) of best practices from vendors, industry and power-users, and employs machine learning algorithms to gain visibility into the public cloud environment and configuration. This process pinpoints problem areas and enables their repair before they erupt into full-blown costly disruptions to business. It's secured, non-intrusive and proactive.

Cloud Solution

for; Public, Private & Hybrid
Cloud Environments

Key Solution Benefits

- ◆ Prevent outages and data-loss incidents for multi-cloud environments before they impact business
- ◆ Proactive resilience validation as part of a modern CI/CD pipeline
- ◆ Facilitate automated self-healing to achieve greater reliability and security and decrease operational costs
- ◆ Ensure secured configuration

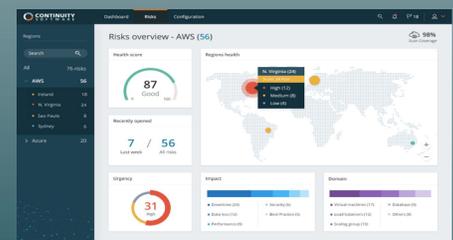
Visibility & Control

Managers, DevOps and Application Dev teams gain visibility and control in three major ways...

First, a clear, intuitive dashboard provides an enterprise-wide view of resilience and health scores.

Second, information about risks discovered are automatically delivered to relevant teams and business owners, along with guidance for repair.

Third, automatic resilience validation becomes an integral part of CI/CD and DevOps processes, and new apps and services implementations.



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