



## Identifying Barriers to Availability with Automated Infrastructure Testing and Monitoring

Businesses continue to invest money, time and resources to develop and maintain disaster recovery (DR) and high availability (HA) infrastructures that will ensure business continuity. But a formidable barrier to recoverability and availability still exists: host configuration gaps. These are disconnects and gaps that are created when configuration changes are made to the production hardware, software and network, but are not properly replicated to the DR and HA hosts.

While host configuration errors are inevitable in today's dynamic IT environments, eliminating them is a crucial but difficult step in ensuring recoverability. Most often, these gaps remain hidden until a DR test, failover test or actual DR event or outage occurs, when a host fails to start or an application restarts but runs too slow. Then the IT team is forced to spend an inordinate amount of time urgently combing through log files and comparing system configurations in order to locate the causes of the performance issues or recovery failures.

### **Uncover Hidden Gaps with Automated Infrastructure Monitoring**

While there are workarounds to this issue, such as server virtualization, there are no viable tools for verifying host configuration. However, RecoverGuard infrastructure testing and monitoring software can provide major relief by automatically detecting host configuration gaps anywhere in the environment.

RecoverGuard seamlessly and non-disruptively scans your environment, comparing versions and path levels of applications, databases and operating systems. In addition, the software seeks and identifies differences in hardware specifications, such as CPUs and memory, between production and DR/HA hosts. When potential vulnerabilities are uncovered, RecoverGuard issues an alert so the conflict can be resolved.

With RecoverGuard, you'll improve your DR & HA failover testing success rates, dramatically reduce the amount of time spent tracking down host configuration errors, and get the infrastructure insight you need to ensure your recovery time objective (RTO), recovery point objective (RPO) and business continuity goals are met.

## **Bolster DR Readiness with Infrastructure Insight**

RecoverGuard provides a window into your IT environment, automatically detecting infrastructure vulnerabilities that can impact your ability to recover. Uncovering host configuration errors before they impact operations can help you to:

### *Identify Hidden Vulnerabilities*

RecoverGuard's automatic analysis tool and comprehensive Gap Detection Engine scans the servers, storage, databases and more, searching for non-compliant configurations such as:

- Missing mounts on production servers
- Missing shares/export on production servers
- Mismatch in OS type, version patch level and kernel bits between the production host and its standby
- Mismatch in memory between the production host and its standby
- Server model mismatch, domain or CPU count/speed

Other findings include differences in installed packages, swap file sizing, DNS location, remote access configuration, hardware driver versioning, FC adapters, and much more.

This information is presented in a status dashboard, as well as in comprehensive reports and tickets that give you tremendous insight into the environment. When problems are uncovered, you receive a detailed description of the problem, its potential impact, severity level, and recommendations for resolution.

### *Ease the Pain of DR and HA Failover Testing*

Addressing the issues RecoverGuard uncovers before you run a full DR test or HA failover enables you to minimize the number of failures caused by host configuration errors. This can improve your DR and HA testing results, limit the amount of time that the IT organization must devote to the test, and ensure DR readiness.

### *Regain Confidence in Recoverability*

Host configuration gaps may be a fact of life, but the recovery failures they can cause don't have to be. By regularly scanning your environment with RecoverGuard, you can stay on top of these potential problems and fix them before business operations are impacted. When unexpected downtime occurs, you can be more confident that you have addressed many of the issues that could put your systems at risk so you can recover as planned.

## *About Continuity Software*

Continuity Software™ is a leading provider of Disaster Recovery Management (DRM) solutions. Its RecoverGuard™ software mitigates disaster recovery (DR) risks by detecting data protection gaps between customers' primary production and disaster recovery sites and/or localized DR solution. With RecoverGuard software, customers can now confidently validate their DR strategy, and ultimately, ensure their data protection and business continuity goals.



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