Geminare Virtual Server Rapid Recovery

Leverage your existing online backup data protection service with cost-effective rapid recovery of your production systems to a secure cloud environment.

Overview

Reliable backup technologies are critical to each and every business. However, during an outage, business grinds to a halt regardless of how the data is protected or when the last backup occurred. The tasks involved in recovering a Windows or Linux system following an outage are usually resource-intensive and complex, and the time required to rebuild a server before any data can even be restored is often measured in days. This typically leaves users scrambling to find alternate recovery methods and communication capabilities.

Virtual Server Rapid Recovery (VSRR) links your production server, protected by your current online backup service, to a standby restore-ready server in a secure Cloud, giving you the ability to quickly restore data and applications following a server outage and to fully leverage your existing online backup implementation with no additional capital expenditure.
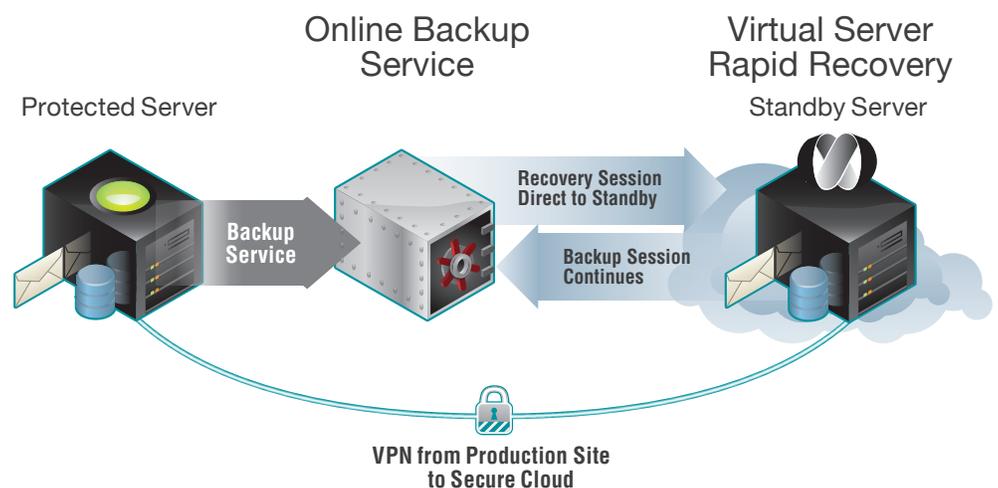
VSRR's Automated Recovery Wizard dramatically reduces the time and effort required to get users back in touch with their data and applications, greatly reducing business risk while increasing operational effectiveness.

How It Works

VSRR deploys a standby restore-ready server in a secure Cloud that is in constant communication with the production server via an encrypted VPN tunnel. The Cloud-based standby server keeps current with the most recent production system state information and provides the customer with a pre-configured, restore-ready standby server.

When a complete server recovery is needed, using a pre-configured restore-ready server instead of building a new production server, ensures significantly better Recovery Time Objectives (RTO) and dramatically reduces the time, effort and costs required to complete a full server restoration. An Automated Recovery Wizard guides the user through the complete Recovery and Restore process.

Users also have the option of scheduling complete backup restores to the standby environment in advance, further reducing RTOs, as only incremental changes need to be updated in a Restore process.

FEATURES

- Instant availability of a standby restore-ready server for data recovery

- Advanced always-on network monitoring & alerting system

- Automated Recovery Wizard that guides you through the recovery process, step by step

- Integration with LiveVault® ensuring backup processes continue on the standby server

- On-demand remote-access capabilities in the event of a site outage

BENEFITS

- Extend existing LiveVault® technology investment

- RTOs of hours vs. days

- Dramatic cost savings and ROI over traditional deployment of on-premises standby server equipment

- Peace of mind that data recovery will be there when you need it, greatly reducing business risk

Online Backup Service

Virtual Server Rapid Recovery

Protected Server

Standby Server

Backup Service

Recovery Session Direct to Standby

Backup Session Continues

VPN from Production Site to Secure Cloud

Virtual Server Rapid Recovery Components

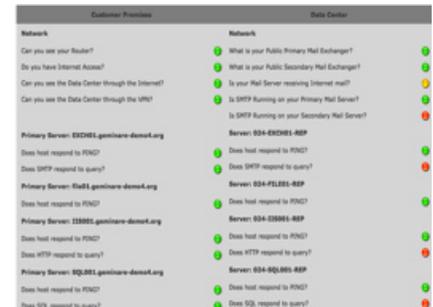## Virtual Server Rapid Recovery

Standby Restore-Ready Server

• Pre-configured standby server available at all times for a full Recovery Session

• Automated Recovery Wizard guides users through complete restoration process, step by step

• Recovered servers are instantly available on the network, allowing for immediate access by onsite and remote users

• Secure VPN tunnel to the Cloud provides users with full access to a recovered server even if the production network is offline

• Integration with standard online backup and data protection service ensures data backup up continues on the cloud-based recovery server, protecting against loss of critical data and ensuring operational continuity

Virtual NOC 2.0

Automated Network Management & Alerting Included with VSRR

• Embedded network, server and resource monitoring running automatically – watching your network 7x24x365, and presented through an easy to understand Dashboard

• Service availability alerts provide an early warning of potential system failure and the possible need to restore through Rapid Recovery

• Advanced change management engine notifies users immediately of any state, application or system modifications that may impact your recovery

• Predictive analytics ensure that all systems are operating as expected

• Integrated Rapid Recovery delivery platform provides immediate and detailed notifications and follow-ups

Platforms Supported

• Microsoft Windows Server 2003/2008 (R1 and R2) Standard, Enterprise Edition, Web, DataCenter Editions, MSCS Cluster (32-Bit or 64-Bit)

• Red Hat Enterprise Linux Server (RHEL)