

Arrow's Always-On Cloud Business Continuity/Disaster Recovery Solutions

Arrow FusionSM Professional Services

ARROW FUSIONSM VIRTUAL SERVER RAPID RECOVERY

Reliable and cost effective backup technologies are critical to every organization. However, business grinds to a halt during an outage regardless of how the data is protected or when the last backup occurred. The tasks involved in recovering a Linux or Windows based 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.

Arrow Fusion's Virtual Server Rapid Recovery (VSRR) links a customer's production server to a standby restore-ready server in a secure Cloud, providing the ability to quickly restore data and applications following a server outage. Moreover, VSRR allows customers to fully leverage existing online backup implementations with no additional capital expenditure.

The 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.

FEATURES

- Instant availability of a standby restore-ready server for data recovery
- Advanced always-on network monitoring and alerting system
- Automated Recovery Wizard for quick and easy recovery
- Integration with Arrow Fusion's Online Backup

Cost-effective and rapid recovery of production systems to a secure cloud environment.

- services ensure backup processes continue on the standby server
- On-demand remote-access capabilities in the event of a site outage

BENEFITS

- Extend existing online backup 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

HOW VSRR WORKS

A standby restore-ready server is deployed 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.

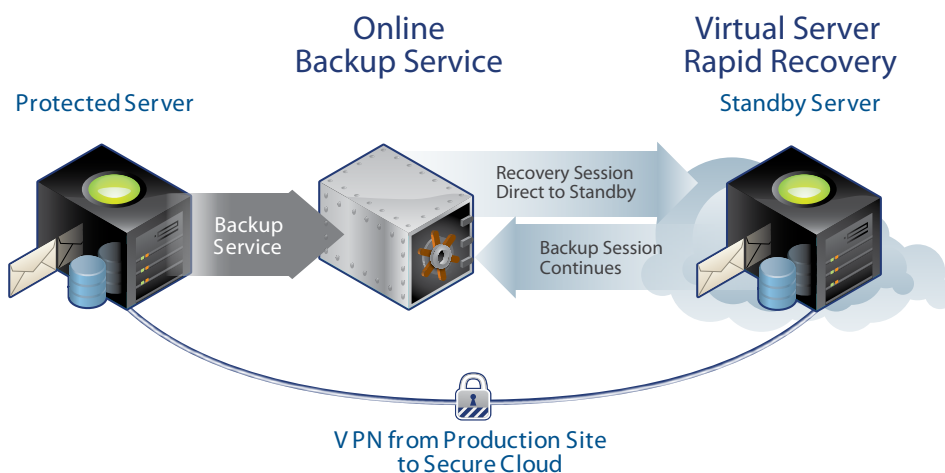
By using a pre-configured restore-ready server instead of building a new production server, customers receive significantly better Recovery Time Objectives (RTO) and dramatically reduce the time, effort and costs required to complete a full server restoration. An Automated Recovery Wizard guides the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

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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.

VSRR COMPONENTS

Virtual Server Rapid Recovery	Virtual NOC 2.0
Standby Restore-Ready Server	Automated Network Management & Alerting (Included with VSRR)
Pre-configured standby server available at all times for a full Recovery Session	Embedded network, server and resource monitoring running automatically – watching your network 7x24x365, and presented through an easy to understand Dashboard
Automated Recovery Wizard guides users through complete restoration process, step by step	Service availability alerts provide an early warning of potential system failure and the possible need to restore through Rapid Recovery
Recovered servers are instantly available on the network, allowing for immediate access by onsite and remote users	Advanced change management engine notifies users immediately of any state, application or system modifications that may impact your recovery
Secure VPN tunnel to the Cloud provides users with full access to a recovered server even if the production network is offline	Predictive analytics ensure that all systems are operating as expected
Integration with Arrow Fusion's Online Backup and data protection services ensure data backup up continues on the cloud-based recovery server, protecting against loss of critical data and ensuring operational continuity	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)

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For more information, contact Arrow FusionSM professional services at 877.558.6677 or visit <http://ecs.arrow.com/fusion>