Replay for Windows Servers

Replay for Windows Servers, an application-aware, disk-based imaging solution that automatically and continuously images your entire Windows application server delivering accelerated application backups and disaster recovery for Windows servers in minutes. Replay supports any Windows Server including Domain Controllers, File servers, Print servers, and SharePoint servers.

Set up in Minutes

Once you've installed Replay, you're just 5 clicks from total application protection and recovering from any failure.

Replay

Continuous & Automatic

The Replay agent works quietly and efficiently in the background recording the changed blocks. Application-consistent snapshots are performed and changed blocks are copied to the Replay server. There, the blocks are then compressed, de-duplicated and efficiently stored as point-in-time images. The image includes your operating system, system state, and your application data completely eliminating your backup window and reducing your application server overhead by over 30%.

Restore Anything to Anywhere

With Replay, if one of your users accidently deletes or loses an important e-mail, file, database, or storage group, it takes only a few clicks to get them back. If the server fails, just rewind to the last known good image. If you need to migrate to new hardware safely, just restore the image to a new server.

Features

- Continuous imaging of application servers to a centralized management server, up to 96 full images a day
- Unique compression and de-dup reduces disk space costs associated with DR
- Live rollbacks of volumes
- Bare metal recoveries of entire server – available with dissimilar hardware support
- Read/Write mountable recovery points for data mining and database maintenance purposes
- Define an optional backup window during which Replay VSS snapshots are suspended
- Export recovery points to bootable virtual machines
- Scalable solution, designed for transactional application environments with low impact to production servers
- Flexible backup retention policies
- Centralized backup and corruption monitoring status alerting
- Supports Windows 2003 and Windows 2008 application servers
- Off host processing (RPO) – only 1-2% overhead on production servers
- Transportable image exports to NAS, USBs
- Push button failover to virtual standby – Virtual high availability
- Push button failover to physical standby – Physical high availability
- Supports p2v,v2v,v2p,p2p migrations
- Exception alerting to Windows event log or to e-mail
- Network login credentials and IP configuration built into RRC Builder ISO files

Replay for Windows Servers with Enhanced Disaster Recovery (DR)

AppAssure
HOME OF BACKUP 2.0

Replay for Windows Servers with Enhanced Disaster Recovery includes additional features that increase the flexibility of recovery and improve speeds and feeds

Leveraging Virtualization for DR

Replay for Windows Servers with Enhanced DR provides a centralized backup and recovery solution that automatically and continuously images your Windows virtual workloads delivering accelerated application backups and disaster recovery while reducing the load on production VMware ESX, VMware Server and Microsoft Hyper-V hosts.

◆ Protect your Microsoft application workloads including the operating system, application and the application data with a single centralized solution.

◆ Decrease planned and unplanned downtime for improved business continuity.

◆ Reduce storage and other backup related costs.

Step 1

A Replay agent is installed on the Windows guests. The agent is responsible for continually collecting volume block-level changes for the entire virtual machine and ensuring that the snapshots are application consistent. The block changes are transferred to the Replay server at the rate of 2GB/minutes with only a 1-2% impact on the guest while delivering 96 snapshots per day. The agent supports 2003/2008 Windows Server workloads.
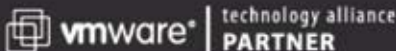
Step 2

The Replay server maintains the snapshot as incremental images that are compressed and de-duplicated. The compression rate is between 50-80% depending on the data formats. A retention policy can be defined to control how long then recovery points are available for recovery and historical discovery needs. The default is 1 month. All of the backup processing is off-loaded from the production server improving the performance of the guest.

Step 3

With VMware instantiations, the images can be automatically exported and continuously maintained as VMware virtual standby environments enabling push-button workload failover directly from VMware ESX and VMware Server 2.0 supported file systems. The images can be used for V2P, P2V, V2V migrations or for bare-metal to individual file level recoveries.

Benefits of Replay's Enhanced DR:

◆ Centralized Backup Management
◆ Reduced Storage Cost
◆ Push-Button Physical or Virtual Failover
◆ Improved Performance with off-host backup
◆ Flexible, Granular Recovery options and more

Microsoft GOLD CERTIFIED Partner · Microsoft System Center Data Protection Manager 2007 · **vmware** | technology alliance PARTNER · **BlackBerry** Alliance Member · MVP

AppAssure Software is the home of Backup 2.0. Committed to changing the way businesses think about protecting their mission-critical applications and how they recover from disasters. AppAssure provides application-aware disk-based server imaging solutions that accelerate application backups and recovery for Windows servers. Start protecting Microsoft Exchange, BES, SharePoint, SQL, and Hyper-Vsmarter, with, with the innovations of Replay.

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