eFolder™

Customer Success Story

"We are thrilled with the reliability of the eFolder Cloud for AppAssure. After exploring several other options, we couldn't be happier with the eFolder service."

Ramil Gavia
Network Adiministrator
Musicians Institute
http://www.mi.edu/

The eFolder Difference

- Backup not just the data, but the whole system image
- Recover in minutes, not hours, with the on-site eFolder BDR appliance
- Local backup, plus cloud backup in the eFolder Storage Cloud
- In a worst case scenario, recover with in-the-cloud virtualization in the eFolder Continuity Cloud

Businesses today have limited choices for true business continuity. Traditional data backup solutions are widely available, but most only backup the data and do not enable the fast and complete recovery of mission critical servers and applications. Businesses of all sizes need fast, reliable, and flexible backup and disaster recovery for servers and applications, both on-premises and in the cloud.
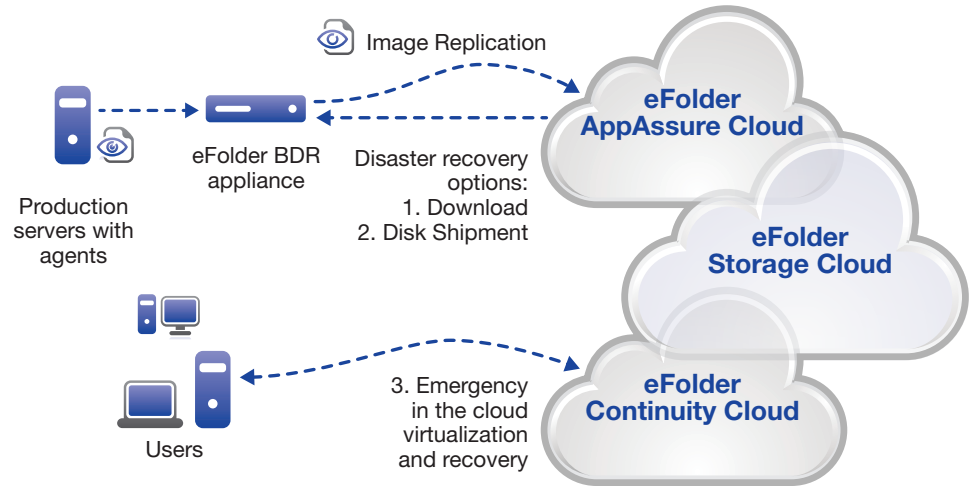
EFOLDER BDR FOR APPASSURE

eFolder BDR for AppAssure is a backup and disaster recovery service that delivers unparalleled data protection and business continuity to demanding business users. eFolder BDR for AppAssure is a service that combines Dell AppAssure software for image-based backups, an on-site appliance for near instant virtualization of backed up servers, online replication to the cloud, and emergency in-the-cloud virtualization for worst case scenarios.

AppAssure software enables the fast, reliable backup and recovery of server and workstation images to physical or virtual environments or to dissimilar hardware. AppAssure software has won high praise for its granular retention features, global deduplication capabilities, application specific integrity checks, and virtual standby technology. eFolder enhances the power of the AppAssure solution with a purpose-built BDR appliance for on-site storage and fast recovery, a public cloud replication service that leverages eFolder's reliable, SSAE 16 Type II compliant storage cloud, proactive data integrity protection technologies, and emergency in-the-cloud virtualization service capabilities.

How the Service Works

■ AppAssure software agents periodically create image-based backups from the client servers or workstations at pre-configured intervals

■ The backup images are automatically backed up to the local eFolder BDR which is running the AppAssure CORE software

■ The local "source" AppAssure CORE replicates the images to a fully managed "target" AppAssure CORE in the eFolder Cloud for AppAssure, delivering the utmost in data protection and scalability

■ eFolder delivers various system monitoring, data privacy, and data integrity technologies to guarantee the success and reliability of the images contained in the eFolder Storage Cloud

■ In the event of server outage, the AppAssure software enables fast, on-site recovery on the local eFolder BDR appliance

■ In the event of local disaster that destroys a location and the eFolder BDR appliance, eFolder supplies multiple recovery options for the images stored in the eFolder Storage Cloud, including download, expedited shipment of the images on disk/NAS device, or rapid virtualization in the eFolder Continuity Cloud

Image Replication

Production servers with agents

eFolder BDR appliance

Disaster recovery options:
1. Download
2. Disk Shipment

eFolder AppAssure Cloud

eFolder Storage Cloud

eFolder Continuity Cloud

Users

3. Emergency in the cloud virtualization and recovery

FEATURES AND BENEFITS

FEATURES	BENEFITS
AppAssure software for image-based backups	Protects not just the data, but the applications and configurations on mission critical servers and workstations for complete system recovery
Automatic local back up to the on-site BDR appliance	Leverages the on-site BDR appliance for local storage of the image backups, permitting quick recovery on-site
On-site virtualization and recovery	Delivers complete business continuity, allowing a business to recover from an outage in minutes, not hours
Application-specific integrity verification	AppAssure verifies that Exchange and SQL databases are mountable and intact, ensuring that successful backups will truly be usable after a restore
Automatic replication to the eFolder Cloud for AppAssure	Defends against local disasters, such as fires, floods, or other natural disasters, by leveraging the power of the cloud for data protection
System monitoring, data encryption, and silent data corruption prevention	Guarantees error free backup operation, along with data privacy and data integrity
Multiple recovery options	Servers can be virtualized on-site on the local BDR appliance; recovered from the cloud via download or overnight drive shipment; or recovered in the eFolder Continuity Cloud
eFolder Continuity Cloud	Enables emergency, in-the-cloud virtualization, recovery and production operation of mission critical servers or workstations and applications

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