

**Highlights:**

**1. Hardware Agnostic Replication**

Simplify DR operations and reduce cost for rapid, efficient replica copies.

**2. WAN-Optimized DR copies with embedded source-side deduplication**

Eliminate network bottlenecks with source-side deduplication

**3. DASH™ Copy for fast, efficient off-site copies**

Simplify and streamline disaster recoveries with deduplication efficient replication of data to off-site/DR site

**4. Virtualize Me**

Streamline and simplify DR operations by leveraging the virtual infrastructure

**5. Workflow Automation**

Orchestration tools designed to automate and accelerate disaster recovery.

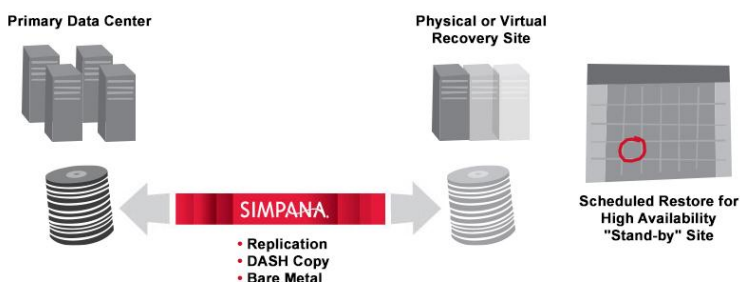
## Disaster Recovery with Simpana® 10 Software

### Disaster Recovery Solutions for the Modern Data Center

Implementing a robust disaster recovery strategy is more important than ever before. Organizations have rapidly entered an era of 24 by 7 operations while, rising incidents of natural disasters, increasing risks of data loss through corruption and intrusions are adding more risk. Meanwhile, budgets constraints remain and the cost for traditional solutions – like array-based replication – remain cost prohibitive for all but the largest businesses.

### Faster, Simpler Disaster Recovery

- Dramatically accelerate the time to recover from an unplanned outage with advanced replication capabilities
- Rapidly and efficiently create off-site copies with WAN-optimized source-side deduplication
- Efficiently and seamlessly replicate deduplicated copies to the DR site with DASH™ Copy capabilities
- Leverage an internal disaster recovery site or seamlessly extend to cloud-based targets with centralized management



### Disaster Recovery with Simpana software

#### Accelerate and Streamline Disaster Recovery Operations with Automation

- Accelerate time to recovery and reduce risk to the business with automated disaster recovery processes with workflow automation tools
- Streamline disaster recovery operations by leveraging existing virtual infrastructure with “Virtualize Me” capability to convert a backup into live running virtual machines in a single click

#### Eliminate Cost while Reducing Risk

- Reduce the cost of disaster recovery solutions with hardware agnostic replication capabilities with DASH Copy
- Eliminate the need for matched hardware at the disaster recovery site by leveraging the virtual infrastructure to conduct disaster recovery operations with “Virtualize Me” technology

#### Maintain Data Availability

- CommVault Simpana software maintains the ability to back itself up through CommServe® DR.
- CommVault Simpana GridStor™ capabilities deliver highly resilient data protection in a “Grid-based” architecture for greater performance, scale and high resiliency. With GridStor technology, users can run multiple media agents in highly available configurations for load balancing, failover and scale.

## KEY CAPABILITIES AND BENEFITS

<b>Hardware agnostic replication</b>	Simplify disaster recovery implementations and reduce the cost of deployments by leveraging advanced replication capabilities without expensive storage arrays matched at both the primary and DR sites.
<b>Source-side deduplication for WAN-optimized off-site copy</b>	Reduce network traffic due to data protection operations by up to 90%.
<b>Dash™ Copy for deduplication efficient movement of data</b>	Drive fast, efficient, low impact DR copies of deduplicated data by transferring only changed data of secondary copies (a backup of a backup). With DASH Copy technology, users can generate rapid, granular DR copies while minimizing impact on production systems.
<b>“Virtualize Me”</b>	Simplify and accelerate disaster recovery operations by leveraging the existing investment in virtual infrastructure. “Virtualize Me” technology generates automated recoveries of backup sets directly into an existing VMware vCenter environment.
<b>Workflow Automation</b>	Workflow automation lets CommVault users automate complex, manual or repetitive tasks, helping to streamline operations and minimize risk of errors. With Workflow automation, the full Disaster recovery process can be automated and scheduled.
<b>CommServe® DR</b>	CommServe DR ensures the entire Commvault Simpana environment is fully recoverable in the event of disaster. This is done by generating a backup or DR copy of the CommVault environment (including metadata, and registry information) for use in the event the primary CommServe becomes unavailable.
<b>GridStor®</b>	GridStor capability lets users run multiple CommVault Simpana media agents in highly available, highly resilient and highly scalable “grid-based” configurations to deliver load balancing, failover and high throughput of backups.



For more information about Simpana<sup>®</sup> software modules and solutions, and for up-to-date system requirements, please visit [www.commvault.com](http://www.commvault.com)

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