

Double-Take Availability

Technical Data Sheet

Proven high availability and disaster recovery for Windows and Linux servers

Double-Take® Availability™ is a comprehensive high availability and disaster recovery software solution for Windows and Linux servers that protects your business from downtime and data loss. It efficiently and securely replicates data, applications or entire servers across any distance to a replica server for quick and easy recovery from an outage in minutes or seconds. Changes are captured at the byte level and replicated in real time between any server hardware, storage, OS version or hypervisor – whether the servers are physical, virtual or in the cloud. Easy to manage from a unified console and designed to scale to even the most complex environments, Double-Take Availability keeps your business running 24x7 at a price you can afford.

Features

Patented Replication Technology

- Continuously captures changes at the byte-level and asynchronously replicates them in real time
- Minimizes bandwidth needs with compression and bandwidth throttling
- Ensures data integrity with write-order consistency
- Encrypts data for secure transmission
- Mirrors open files without taking them offline

Comprehensive, Reliable Protection

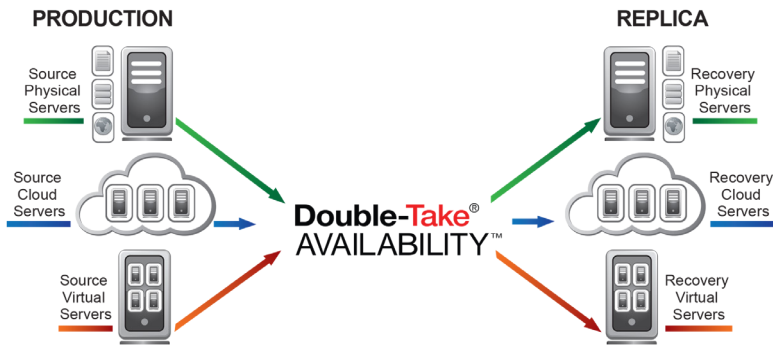
- Replicates select files, applications or full servers
- Enables easy, full-server failover in minutes or seconds
- Provides automatic or on-demand push-button failover and fallback
- Offers multiple recovery point options
- Auto-provisions the disaster recovery environment on virtual machines
- Protects Windows cluster workloads to different physical locations without using shared storage

Most Flexible Solution Available

- Protects and recovers to and from any combination of physical, virtual, and cloud servers
- Replicates between different hardware, storage types, OS versions and hypervisors
- Does not require dedicated bandwidth or special hardware
- Supports all business applications including Exchange, SQL Server, SharePoint, Oracle, MySQL and more

Easy to Use

- Easy management from a single unified console
- Offers manual or remote installation and automated setup and configuration
- Validates settings with pre-flight check and auto-fix features
- Forwards replication statistics and critical event notifications to enterprise management tools
- Provides SMTP email alerts directly to your email inbox
- Offers a comprehensive SDK for automation or integration with other applications



Double-Take Availability replicates files, folders or full servers in real time to a replica located anywhere in the world.

If the production server has an outage, Double-Take Availability quickly fails operations over to the replica with only seconds to minutes of downtime.



How It Works

Double-Take Availability protects your business from downtime and data loss by efficiently and securely replicating data, applications or entire servers to a secondary server for quick and easy recovery. At the core, Double-Take Availability uses patented, platform independent replication technology to capture changes at the byte level and replicate them in real time between any server hardware, storage, OS version or hypervisor – whether those servers are physical, virtual or in the cloud.

In the event of a planned or unplanned outage, administrators can manually or automatically failover users to the secondary server in minutes or seconds. Recovery can be done with the most current data or with a point-in-time snapshot. When it's time to restore to a new or repaired production server, failback is just as fast and easy.

System Requirements

Windows

- Windows Server 2003 R1 & R2
- Windows Server 2008 R1 & R2
- Windows Server 2012 R1 & R2
- Windows Server 2016

Linux

Distributions:

- Red Hat Enterprise Linux, CentOS and Oracle Enterprise Linux 5, 6 and 7
- SLES 11 and 12
- Ubuntu 12.04 and 14.04 LTS

File Systems:

- EXT2-4
- XFS (64-bit only)
- Btrfs