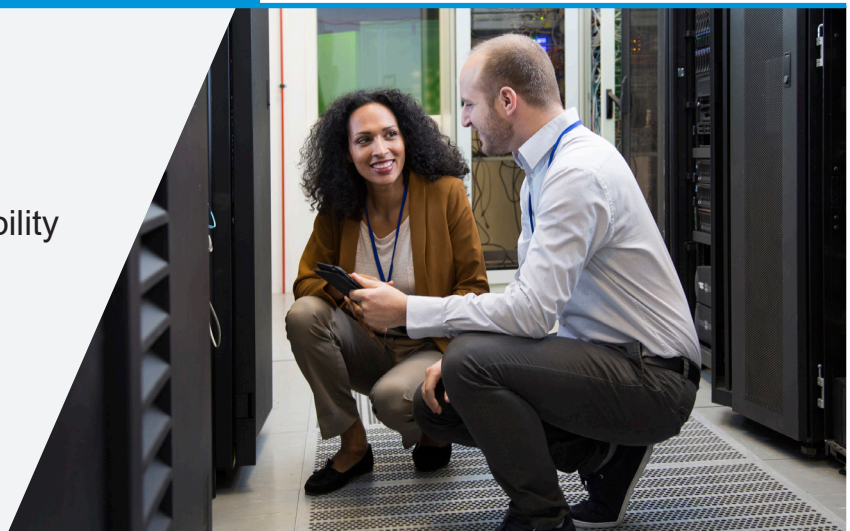# Double-Take Availability

Continuous uptime and total data protection for Windows and Linux

Today's businesses are under constant pressure to increase revenue, maximize efficiency, reduce risks and drive down costs. These pressures result in no tolerance for downtime or data loss. If mission-critical data, applications or servers are unavailable, you can lose revenue, forfeit customers, miss opportunities, rack up fines and suffer brand damage. The modern IT department must meet increased demands for uptime and data availability with a flexible, scalable high availability and disaster recovery solution that comes with an affordable price tag.

Double-Take® Availability™ is a proven, complete high availability and disaster recovery software solution for Windows and Linux that defends your business' profitability and reputation by providing protection from data loss and downtime. It efficiently and securely replicates files, folders or complete servers from and to physical, virtual or cloud servers located anywhere on the planet for total data protection and the ability to rapidly recover from any outage. Easy to manage, completely flexible, and designed to scale to even the most complex server environments, Double-Take Availability keeps your business running.

Key Benefits

- Downtime prevention

- Protection from data loss

- Infrastructure choice and flexibility

- Easy management

- Low total cost of ownership

Downtime prevention

Double-Take Availability's real-time, byte-level replication creates a replica of specific files, entire applications or full servers running Windows or Linux on a secondary server, and keeps the two servers in sync. Failover to the secondary server can be done in minutes to seconds in the event of an outage. Automatic or on-demand, push-button failover processes help to eliminate the risk of downtime due to human error.

Protection from data loss

Asynchronous, real-time, byte-level replication allows your secondary server to be located anywhere in the world on a physical, virtual or cloud platform. Encryption keeps the data secure during replication, and data integrity is maintained with patented write-order consistency technology. In the event of an outage, your data is protected from loss. Recovery is fast and easy with multiple recovery point options.

Infrastructure choice and flexibility

Double-Take Availability works with the infrastructure you have today while allowing you to modernize to new technology. Your production server can be replicated to a secondary server with different hardware, storage type or operating system version, and the servers can be on any combination of physical, virtual or cloud platforms. You can choose the replication configuration that meets your needs, whether one-to-one, one-to-many or many-to-one. Double-Take replication also offers three levels of compression and bandwidth throttling to minimize bandwidth requirements and allow your existing network infrastructure to be used without requiring dedicated bandwidth.

Easy management

Double-Take Availability's simple unified console provides a central, graphical interface for easy monitoring and management of your entire HA/DR environment. From the console you can sort, filter and monitor data on the health of your production and recovery servers. Replication statistics and critical event notifications can be forwarded to enterprise management tools, and SMTP email alerts can be delivered directly to your email inbox. The Double-Take SDK enables you to create additional automation or integration between Double-Take Availability and other applications.

Low total cost of ownership

Double-Take Availability minimizes your total cost of ownership for fast ROI at implementation time and year over year. With Double-Take Availability, you can avoid the expense of specialized hardware, storage or networking infrastructure. Double-Take Availability is also offered under flexible licensing terms for either perpetual ownership or pay-as-you-go Disaster Recovery-as-a-Service (DRaaS).

For more information: doubletake.com
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