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OpenText Availability for Microsoft Azure

Microsoft Azure data protection and availability made easy

Continuous replication to and from Microsoft Azure that maximizes uptime and minimizes data loss

Incredibly fast failovers for minimal service disruption in the event of a server or site failure

Negligible replication performance impact for your Azure and local environments

Platform support for physical, virtual and cloud-based systems

Associated OpenText products

• OpenText Migrate

OpenText Availability helps organizations avoid downtime and maintain continuous availability of critical server environments while leveraging Microsoft Azure. Flexible configuration options include:

• Replication from an onsite or private cloud source to a Microsoft Azure target

• Replication from a Microsoft Azure source to an onsite or private cloud target

Both configurations give businesses immediate failover capabilities if there is ever an interruption at the source. This allows businesses to keep critical systems online 24×7. Our award-winning software uses continuous replication that maintains a secondary copy without taxing your primary system or network bandwidth. With support for physical, virtual or cloud systems, Availability provides a comprehensive replication and failover solution regardless of where your server environment resides.

No delays, no data loss

Availability continuously replicates changes from the source to a target environment anywhere in the world. Once the initial seeding is complete, changes are transmitted in real time, ensuring the replica is continuously in sync. Availability replicates files, applications or an entire server, including its system settings, to the target environment.

Flexibility and control

Availability works with source servers on any platform. This flexibility enables you to replicate your servers to Microsoft Azure and minimize hardware costs. It also frees up costs associated with having to maintain and staff that hardware at a secondary data center. Using Availability to protect Windows and Linux servers in the Microsoft Azure cloud enables you to maintain control over your business systems and realize the economic benefits of cloud-based high availability and disaster recovery.

Minimize downtime with rapid failover

In the event of unplanned system failure or natural disaster, or when performing routine maintenance, you can minimize downtime by failing over to the secondary location. The secondary systems spin up and users are rerouted to the fully functional target system, often without noticing a disruption.

Negligible performance impact

Once initial seeding is complete, Availability only replicates changes and updates from the source to the target, minimizing impact to the protected servers and to the network bandwidth used. Both the configuration and ongoing replication are transparent to users on the system, and the applications and data remains accessible and available to users the entire time.

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Platform support
Operating systems:

- Windows Server
- Red Hat Enterprise Linux
- Oracle Enterprise Linux
- SUSE Linux Enterprise
- CentOS
- Ubuntu

Any hypervisor, with native integration for:

- VMware ESXi
- Microsoft Hyper-V

Cloud platforms, including:

- Microsoft Azure

How it works

Availability uses patented technology to capture changes at the byte level and replicate them between any source and target environment: physical, virtual or cloud.

Availability software is deployed to all the servers being protected. Through the management console, the target environments are configured and replication begins through a seeding process. The solution uses AES-256 encryption to keep data secure, and it offers three tiers of bandwidth-saving compression to further minimize impact on the network. Once the seeding is complete, the solution continuously updates the target with any changes in real time.

In the event of an outage, administrators can manually or automatically fail over users to the secondary server in minutes or seconds. There's also the option to fail over and restore a prior version of the system, from a point in time before an error or infection occurred.

Features
• Encryption in flight between the source and the target
• Automatic failover triggered by a heartbeat monitor
• Integrated DNS management
• Three tiers of compression to minimize network impact
• Available bandwidth throttling options
• Comprehensive SDK with API and PowerShell support
• Alerting and reporting features
• Easy, nondisruptive testing

About OpenText

OpenText, The Information Company, enables organizations to gain insight through market leading information management solutions, on-premises or in the cloud. For more information about OpenText (NASDAQ: OTEX, TSX: OTEX) visit: **opentext.com**.

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