

Unitrends Backup for Microsoft Azure

BUSINESS CONTINUITY AND DISASTER RECOVERY SOLUTION
FOR MICROSOFT AZURE WORKLOADS

Unitrends Backup for Microsoft Azure is a unique business continuity and disaster recovery (BCDR) solution designed exclusively for small and midsize businesses (SMBs). It provides an efficient, secure and predictable solution for protecting critical business infrastructure residing in Microsoft Azure.

Challenges protecting cloud workloads

Your cloud workloads are constantly at risk — from human errors to accidental deletions to malicious attacks and real-world threats, such as natural disasters. As more workloads move to the Microsoft Azure hyperscale cloud, organizations must be prepared for any scenario that might threaten business continuity.

While preparing robust BCDR plans for cloud-resident workloads, organizations face several challenges:



Single-cloud
vulnerability

Suppose you choose native Azure data protection tools or third-party solutions enclosed in Azure. In that case, you're increasing the risks related to public cloud outages, similar to keeping backups of your on-premises servers in the same location. **What's more, your backups are behind the same set of login credentials as production instances.**



Management
complexity

Although Microsoft Azure is an extremely powerful hyperscale cloud with a lot of capabilities, it also comes with complexity that may overload your Azure-certified techs. Adding dozens of configuration parameters and settings of native Azure BCDR or third-party solutions, or relying solely on Azure capabilities, can reduce efficiency and drive up the total cost of your BCDR solution.











Ballooning infrastructure costs

Hyperscale clouds are notorious for the complex and extremely unpredictable web of costs for workloads, storage, egress, support and more. The per-incident nature of many cloud services proves challenging when it comes to predicting costs. Unexpected issues can pop up at any moment, making accurate forecasting and budgeting difficult.



Uncertain recoverability

The only way to know for sure you can recover is to test. Recovery testing with native Azure data protection solutions requires intensive manual configuration and carries high compute, storage, networking and DR drill costs.

Challenge	Azure Native Data Protection	Unitrends Backup for Microsoft Azure
Single-cloud vulnerability	 Backups remain within the same Azure region and behind the same credentials as production.	 Replication to the independent Unitrends Cloud for redundancy and availability.
Management complexity	 Restoration of files and VMs is complex, and cost is unpredictable.	 Recover files and VMs without scripting or mounting disks. Virtualize in the Unitrends cloud with a few clicks.
Ballooning infrastructure costs	 Individual component-based billing, variable fees for egress, DR testing and DR failover.	 Flat-fee pricing model, no variable fees for egress, storage, testing or failover.
Uncertain recoverability	 Variable costs for screenshot verification and testing. No ransomware detection.	 Daily screenshot verification. Has ransomware detection.

Unitrends Backup for Microsoft Azure

Unitrends Backup for Microsoft Azure is purpose-built for Azure-native workloads. It offers single-pane-of-glass management and easy deployment and helps streamline day-to-day operations — all delivered for a flat monthly subscription fee.

Unitrends Backup for Microsoft Azure offers hourly replication where data is stored immutably in a secure and private Unitrends Cloud, minimizing single-cloud risk to provide rapid recovery during downtime, cyberattacks and outages.

Enterprise-grade protection

- ✓ **Trusted, comprehensive BCDR** built on Unitrends legacy of over 30 years of proven technology, delivering consistent management and protection from endpoint to server to cloud.
- ✓ **Outstanding resilience** with secondary off-site replication to the secure, reliable Unitrends Cloud, which ensures better RTOs and eliminates single-cloud risk.
- ✓ **Secure architecture** protects each workload with a private Unitrends cloud tenant, immutable storage and encrypted disks.

Rapid and reliable recovery

- ✓ **Multicloud continuity** with hourly backups replicated to the secure off-site Unitrends Cloud, enabling maximum redundancy and optimal RTO/RPO.
- ✓ **Rapid recovery** by instantly virtualizing a virtual machine (VM) in the Unitrends Cloud or restoring it to the original Azure environment.
- ✓ **Streamlined restore** via a simple recovery process management through a single, intuitive interface, enabling you to recover multiple files, folders or the entire disk as required.
- ✓ **Automated screenshot verification** provides daily assurance that backups have run successfully, booted correctly and are easily recoverable.

Built to scale

- ✓ **Predictable TCO** with unique, flat-fee pricing — \$0 egress charges for multicloud replication, \$0 DR charges and \$0 DR testing charges — eliminating the need to estimate costs or deal with unexpected, variable per-incident charges.
- ✓ **DR planning and support** helps with planning, DR testing and recovery support at no extra cost.
- ✓ **Easy deployment** from a turnkey solution that is ready to use in just a few clicks. Smart features like screenshot verification, automated testing and email alerts **make day-to-day management seamless**, thereby increasing efficiency.

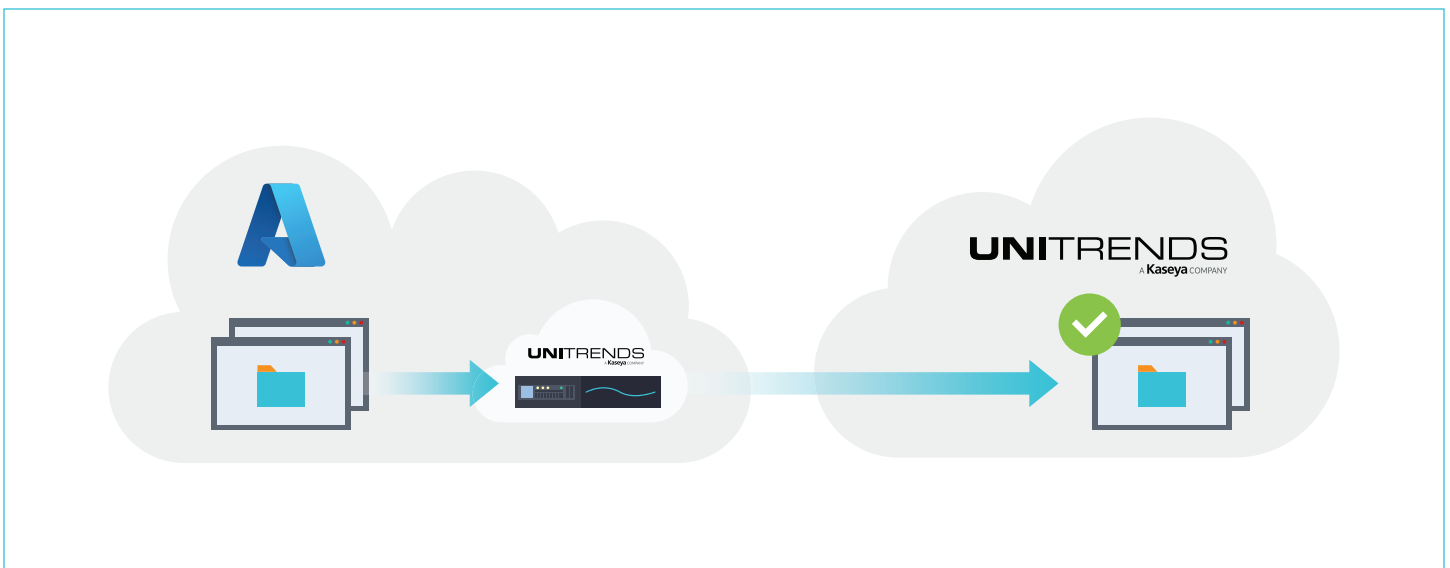
How it works

Unitrends Backup for Microsoft Azure backs up your Azure-resident VMs to the Unitrends-owned Azure tenant. Every hour, the backups are replicated to the private Unitrends Cloud for an extra layer of protection.

Unitrends Cloud

The Unitrends Cloud is purpose-built for cloud backup and disaster recovery. Its immutable architecture sets the standard for a secure cloud infrastructure with features like Cloud Deletion Defense.

- ✓ **Multiregional presence** to help you support geographically redundant backups.
- ✓ **Consistent stack** for you to protect PCs, SaaS apps and servers.
- ✓ **Cloud Deletion Defense** for protection against ransomware, enabling access to deleted cloud snapshots when an agent is either mistakenly or maliciously deleted.
- ✓ **Virtualization to the Unitrends Cloud** within minutes when you need to recover workloads outside of Azure.



ABOUT UNITRENDS

Unitrends makes efficient, reliable backup and recovery as effortless and hassle-free as possible. We combine deep expertise gained over thirty years of focussing on backup and recovery with next generation backup appliances and cloud purpose-built to make data protection simpler, more automated and more resilient than any other solution in the industry.

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