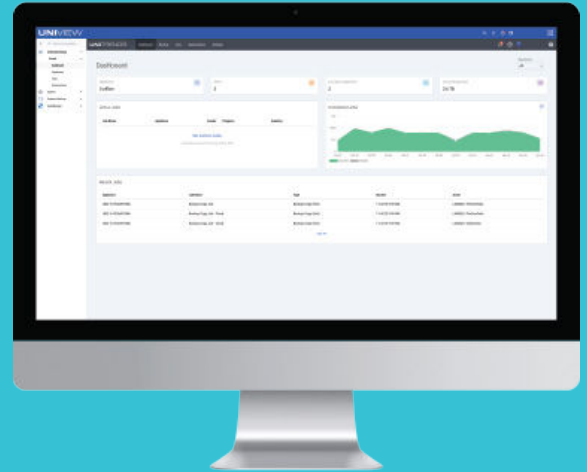


# Safeguard Your Microsoft Azure Data and Workloads

WITH UNITRENDS BACKUP APPLIANCES

Unitrends backup appliances protect your Microsoft Azure data in two ways — off-site backup copy and workload backup. Both use cases save you time with frictionless deployment and centralized management via the easy-to-use Unitrends dashboard. Unitrends backup appliances also work with Microsoft Azure to give you multilayer security and peace of mind that your data can be recovered.



## USE CASE 1:

### Effortless backup for Azure workloads

Your organization's Microsoft Azure workloads need to be backed up too. As an IT professional, you are just as responsible for protecting your organization's data in the cloud as you are for on-premises content. There are countless causes of data loss, such as accidental deletion, file corruption and viruses, that can easily affect data in your cloud-based applications. Do not assume that your public cloud vendor is backing up your data for you. Corporate and industry data protection mandates apply to all your data regardless of where it resides.

Unitrends Backup software is a prepackaged virtual appliance that can be deployed in the Microsoft Azure cloud as a virtual machine (VM) to protect Azure-based workloads. This integrated Microsoft Azure and Unitrends solution addresses your cloud data protection requirements, enabling hassle-free retention and recovery strategies to ensure business continuity no matter what.

- ➔ **Simple deployment** — Easily provision a Unitrends Backup virtual appliance instance through Azure Marketplace. Activate it with a Unitrends Backup license.
- ➔ **Enjoy comprehensive best-in-class services** — The combination of Microsoft Azure and the integrated backup and recovery capabilities of Unitrends virtual appliances ensures continuity for your critical cloud-based workloads.

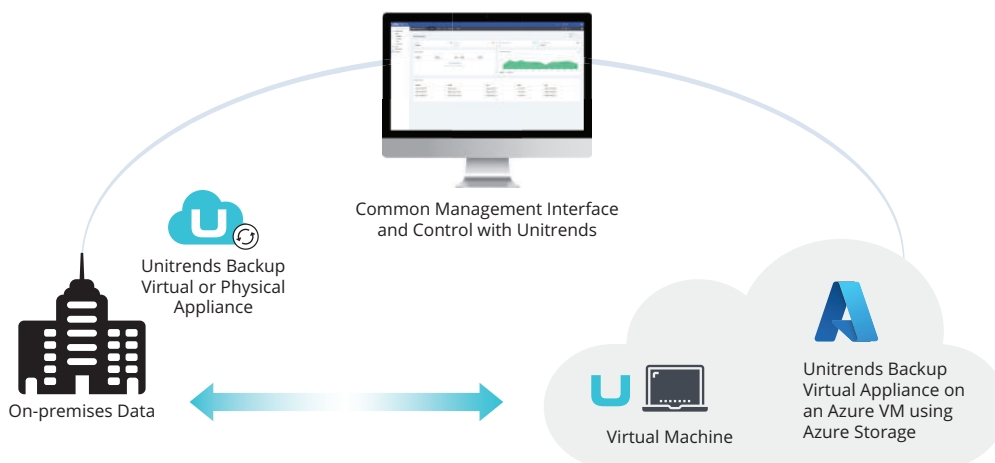
- **Centralized management** — Efficiently use the same intuitive Unitrends management dashboard to back up and retrieve your workloads regardless of whether they are deployed in the cloud or on-premises.
- **Industrial-strength security** — Unitrends has built-in AES 256-bit encryption for the protection of data at-rest and data-in-flight. Microsoft Azure already meets many data protection compliance standards for most industries.

## USE CASE 2:

### Secure off-site backup copy in Microsoft Azure

For secure off-site backup, quickly provision a Unitrends Backup instance in the Microsoft Azure cloud. Then, use Unitrends Backup as the target for off-site backup copies from on-site Unitrends backup appliances. Great for organizations that already use Microsoft Azure, this is an easy and cost-effective way to ensure there's a copy of your organization's critical data shielded from a primary site disaster or other data loss events.

- **Save time with simple deployment** — Easily provision a Unitrends Backup virtual appliance instance through the Azure Marketplace. Activate with a Unitrends Backup license.
- **Start backing up right away** — You can immediately begin to replicate backups from your on-site Unitrends physical or virtual appliance(s) to the Unitrends Backup instance deployed in the Azure cloud.
- **Get secure off-site backup with no infrastructure costs** — Protect your business from data loss with a backup copy located outside your data center using Unitrends Backup in the Microsoft Azure Cloud.
- **Easily manage off-site backup copies** — Use the same intuitive Unitrends management dashboard to replicate backup copies from the Unitrends appliances in your data center to the cloud.
- **Quickly recover data** — Quickly recover the asset that you need from the cloud back to your users, whether it be a file, an application or entire volume.
- **Supercharge replication with WAN optimization** — With Unitrends at both ends of the WAN, our acceleration techniques such as global deduplication, compression and other techniques are employed to minimize WAN bandwidth requirements and speed up transmission of data to and from the cloud.
- **Know your data is secure with layers of protection** — Together, Unitrends built-in AES 256-bit encryption and Microsoft's ISO 27018 privacy standard provide multiple layers of asset protection.



# Frequently Asked Questions

## How can I use Unitrends backup appliances to protect Microsoft Azure data?

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### What are common uses for Unitrends Backup in Microsoft Azure?

**Use Unitrends backup appliances in Microsoft Azure to protect:**

- Copies of your on-premises backups
- Other Microsoft Azure-based workloads



### Can I send backup copies of my Microsoft Azure VMs to locations outside of the instance?

**Yes.** You can replicate backups from the Unitrends Backup appliance instance running in Microsoft Azure into the Unitrends Forever Cloud for redundancy in a cloud purpose-built for long-term retention and disaster recovery.



### What Unitrends products can send backup copies to an instance of Unitrends Backup virtual appliance in Microsoft Azure?

Any physical Unitrends backup appliance or any on-premises instance of a Unitrends Backup virtual appliance can send backup copies to an instance of Unitrends Backup deployed in Microsoft Azure.



### Can I use the same instance of Unitrends Backup in Microsoft Azure to address both use cases? That is, can I use the same Unitrends Backup instance as a target for copies of my on-premises backups and also to protect workloads in Microsoft Azure?

**No.** A Unitrends Backup appliance instance deployed in Microsoft Azure can be used as either a backup appliance or as a backup copy target. It may be used for either of these use cases, but a single instance of a Unitrends Backup appliance deployed in Azure cannot perform both roles simultaneously.

## How does recovery work using Unitrends Backup appliances in protecting Microsoft Azure data?

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### Can I recover from Unitrends Backup virtual appliance running in Microsoft Azure to my on-premises environment?

**Yes.** Using a single Unitrends dashboard, you can recover your Microsoft Azure off-site backups to the on-premises Unitrends Backup virtual appliance or Unitrends physical backup appliance.



### What types of data can I recover from my Unitrends Backup appliance instance in Microsoft Azure?

You can recover files, applications and volumes.



### Can I perform Instant Recovery (IR) using the backup from my Unitrends Backup appliance instance in Microsoft Azure?

**No,** the Microsoft Azure infrastructure itself does not support IR, WIR (Windows Instant Recovery) or BMR (Bare Metal Recovery). This means that a Unitrends Backup appliance instance deployed in Microsoft Azure cannot perform IR. For a more detailed look, refer to the [Deployment Guide](#).



### Can I use a Unitrends Backup appliance instance in Microsoft Azure to provide Disaster Recovery (DR) for my cloud-based workloads, bringing them back into the on-premises environment?

**Yes,** you can. First, you would replicate from the Unitrends Backup instance deployed in Microsoft Azure back to your Unitrends physical or virtual appliance running in your primary data center. Then you can do WIR or BMR onto another system in the enterprise. Additionally, supported Windows operating systems can be recovered in the Unitrends Cloud.

## How do purchases, licensing, and trials work?

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### How do I purchase a Unitrends Backup virtual appliance to run in the Microsoft Azure Cloud?

To purchase, simply buy through a Unitrends channel partner. Please contact [sales@unitrends.com](mailto:sales@unitrends.com) for help.



### How is a Unitrends Backup virtual appliance deployed in Microsoft Azure?

First, create a Microsoft Azure cloud account. Once you are in Microsoft Azure, look under the listing “Virtual Machines” and select the Unitrends icon. Using the site wizard, request that a Unitrends Backup software instance be spun-up as a VM. Refer to the Deployment Guide for further steps and details.

You will need to ensure that the Unitrends Backup VM has sufficient compute and storage (including unlimited) capacity to conduct and store the amount of data you require to be protected. To assist with this, the Marketplace provides information about Microsoft Azure including its elements and pricing as well as tools accessible to you.



### Is there any way to trial a Unitrends Backup virtual instance in Microsoft Azure?

**Yes.** Out of the box, Unitrends provides a 30-day free trial. After 30 days, a license is required. Sign up for a free trial [here](#).



### What license do I need to buy for off-site backup copies from an on-premises Unitrends Backup instance?

In most cases, it's FREE. You simply need to be licensed on-premises for a Unitrends Backup virtual appliance. No additional licensing is needed.



## What license do I need to buy for off-site backup copies from an on-premises physical Unitrends backup appliance?

You must purchase a “Unitrends Backup Replicated Capacity” license equal to the number of terabytes (TBs) replicated from your Unitrends physical backup appliance.



## What license do I need to buy to back up my Microsoft Azure VMs using a Unitrends Backup virtual appliance?

You simply need a server license of a Unitrends Backup virtual appliance for each VM protected. All Unitrends Backup software licenses now include full enterprise-class functionality, so there is no need to select a specific edition.

## What operational considerations should I be aware of?

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### Are there any limitations to the number of Microsoft Azure VMs that can be protected by a Unitrends Backup virtual appliance instance in Microsoft Azure?

There is no limit to the number of VMs you can protect, but you should consider your backup and recovery objectives. Data size, backup frequency, retention and other factors play a role in the resources needed to optimally configure your Unitrends Backup instance in Microsoft Azure. To make that process simple, see the [Deployment Guide](#).



### How do I add backup storage to the VM on which the Unitrends Backup appliance instance is running?

When running in Microsoft Azure, Unitrends Backup uses hard disk storage attached to the Unitrends Backup VM. See the Microsoft Azure documentation for adding hard disk storage to Microsoft Azure VMs.



### Does Unitrends offer seeding of backup copies to the Unitrends Backup appliance instance running in Microsoft Azure?

**No.** Seeding is a service available in conjunction with the Unitrends Cloud offers only.



## Can Unitrends Backup protect workloads in Microsoft Azure that are outside of U.S. regions?

Not at this time, but the Unitrends Cloud, which is purpose-built for global backup, long-term retention and disaster recovery, may meet your needs. [Learn more.](#)



## Can Unitrends help me protect Microsoft Azure workloads without needing to administer a virtual backup appliance?

**Yes**, our new cloud services solution, 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.

# GET STARTED TODAY WITH A FREE TRIAL OR DEMO



## 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.

Learn more by visiting [unitrends.com](https://unitrends.com) or follow us on LinkedIn and Twitter @Unitrends.

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