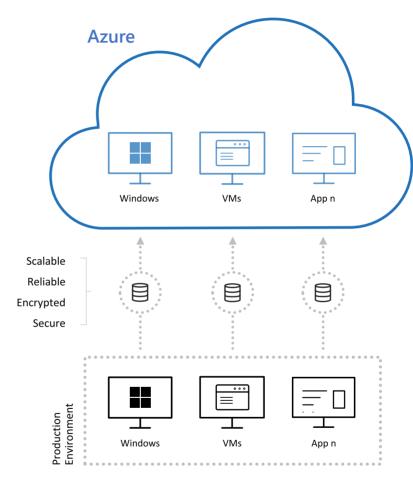# What is Microsoft Azure Backup

Microsoft Azure Backup
Is the cloud-based solution that is relible, secure and cost-effective solutions to back-up and restore your data in the Microsoft cloud.

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Microsoft Azure Backup

Provides recovery services built on a world-class infrastructure that is scalable, durable and high available

Additional Benefits

The centralized management interface makes it easy to define backup policies and protect a wide range of enterprise workloads, inlcuding Azure Virtual Machines, SQL and SAP databases, and Azure file shares.

Azure

Windows   VMs   App n

Scalable
Reliable
Encrypted
Secure

Production Environment

Windows   VMs   App n

On-premises Datacenter/branch Office

Microsoft Azure Backup

Centralized management
Monitor, operate, govern, and optimize data protection at scale in unified and consistent manner using Backup Center

Application consistency
Back up and restore data from virtual machines with application consistency in Windows using Volume Shadow Copy Service (VSS) and in Linux with pre- and post- processing scripts.

Multi-workload support
Back up Azure Virtual Machines, on-premises servers, SQL Server and SAP HANA on Azure Virtual Machines, Azure Files, and Azure Database for PostgreSQL

Durable storage options
Store your backups in locally redundant storage (LRS), geo-redundant storage (GRS), and zone-redundant storage (ZRS).
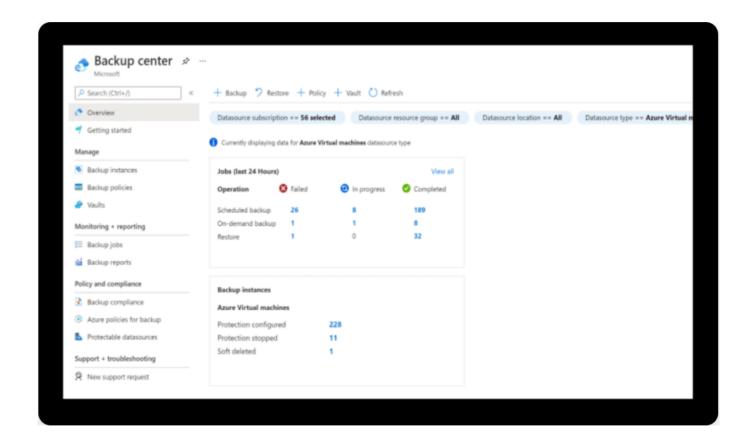
Microsoft Azure Backup

Manage backup data at scale

Natively manage your entire backup estate from a central console using Backup Center.

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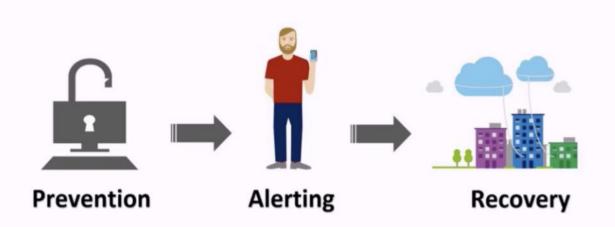Automatically onboard and configure Azure Backup on production virtual machines (VMs) using Azure Automanage

Use APIs, PowerShell, and Azure CLI to automate Backup policy and security configurations.

giving you more time to focus on your business.

Secure your backups

Azure Backup – Three pillars of security

Prevention → **Alerting** → **Recovery**

Microsoft

1. Prevention
New authentication layer added for critical operations like Delete Backup Data, Change Passphrase. These operations now require Security PIN available only to users with valid Azure credentials.

2. Alerting
Email notifications are sent for any critical operations that impact availability of backup data. These notifications enable users to detect attacks as soon as they occur.

3. Recovery
Azure backup retains deleted backup data for 14 days ensuring recovery using any old or recent recovery points. Also, minimum number of recovery points are always maintained such that there are always sufficient number of points to recover from.

Efficiently manage backups

Simplify workload protection with built-in backup capabilities and save time with one-click backup support for VMs, Azure file shares, SQL and SAP HANA databases, and Azure Database for PostgreSQL.

Manage resources through the Azure portal, Azure SDK, and Azure CLI, and across vaults, subscriptions, and tenants.

Ensure database-consistent snapshots for Oracle and MySQL databases running on Linux VMs in Azure.

Reduce your costs

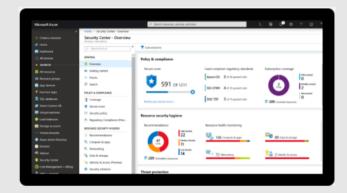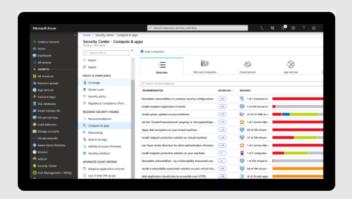

- Eliminate the need for tape or offsite backup.

- Get cost-effective short- and long-term retention of backup data.

- Restore SQL Database, individual files, folders, and VMs in Azure or on-premises at no additional cost.
- Selectively back up disks within a VM to tailor your backup needs.

- Use the Optimize tab in Backup reports to rightsize backup storage for significant cost savings.

- Estimate and compare costs using the Backup pricing estimator.

Why trust Azure Backup?

Microsoft invests more than **USD 1 billion annualy** on cybersecurity research and development

We employ more than **3,500 security experts** who are dedicated to data security and privacy.

Azure has **more certifications** than any other cloud provider.

ISO 27018

Cloud Controls Matrix

IRS 1075

ITAR

CJIS

HIPAA / HITECH

Our expertise + Microsoft Azure Backup

We're the expert in cloud deployment…

- Solutions implemented successfully to the important customers
- Monitoring and optimization services post implementation
- Adoption services

We can help you integrate your…

Your applications up and running in no time after a disaster, with virtually no loss of data. We guarantee application recovery, which means that we not only make sure that your servers are booted in Azure.

You don't have to worry about the availability of your application

We go far beyond many other cloud migration and disaster recovery offerings, which stop at just booting your servers.

About Dendrio

Dendrio
Dendrio is part of the Bittnet group, a group listed since 2015 on the Bucharest Stock Exchange.
We are harnessing existing technologies and identifying new technologies to offer our clients competitive advantages such as price, responsiveness, security or optimization because we have the ambition to become the leader of the multi-cloud integration market in Romania.

Your Journey. Upgraded.
We are a company specialized in identifying and implementing the IT solutions needed to develop your business, no matter what level it is. Solutions include marketing and implementation of software applications with various licensing options, integrated IT services, security audit services. With a tradition of over 23 years in the industry, we enjoy the loyalty of thousands of customers who are joining us and have helped us to obtain numerous awards and certifications from leading global manufacturers.

dendrio
Your journey. Upgraded.