

# How to Protect Your Hybrid Cloud Environment with **Acronis** Backup 12.5

## Installation

Protecting your hybrid cloud environment with Acronis is easy. Simply install Acronis Backup's touch-friendly, web-based console on a Windows® or Linux® server, PC, virtual machine, or cloud instance. Add the devices you want to protect to the console, deploying agents to local or remote physical systems, VMs, and cloud instances. You can also provision hypervisor-level agents for agentless backup of VMware vSphere® and Microsoft Hyper-V®.

## Backup

After installation, schedule your backups and select your storage destinations:

- Local disks for fast recovery
- Network disks for backup of central or remote offices
- Acronis Cloud Storage for secure off-site storage and backup of your cloud systems as well as remote users

Tape devices are also supported. You can set your retention policy, copy backups to multiple locations, and enable encryption for additional security and peace of mind.

## Management

Even a small company may have more than a hundred devices with critical data, and backup with traditional tools may be a challenge. Acronis Backup includes customisable dashboards, advanced reporting, backup policies, and more features to help you protect your growing environment without extra effort. You can delegate the management of remote offices to local admins and further reduce the load.

## System Recovery

When it comes to the most important feature — recovery — Acronis is the most comprehensive solution available. Acronis Universal Restore not only restores your backup to the same hardware, but to dissimilar hardware as well, including different hypervisors, physical machines, or public clouds, such as Microsoft Azure® and Amazon EC2®. In addition to recovering VMs, you can also recover the entire VMware and Hyper-V hypervisor hosts as well.

## File Recovery

If you only need to restore a single file or folder, Acronis makes it easy to browse your backups and restore just the desired file. For even faster results, you can search the contents for the specific file.

## Application Item Recovery

If your systems include applications, such as Microsoft Exchange®, Acronis Backup 12.5 will create application-aware backups that follow vendor guidelines, such as truncating transaction logs and saving necessary metadata.

This allows you to restore individual application items later on, including:

- Microsoft Exchange® mailboxes, folders, and emails
- Microsoft SQL® databases
- Microsoft SharePoint® documents
- Microsoft Office 365® mailboxes and emails
- Oracle® databases, tablespaces, and logs

## BUSINESS REALITY

**47%**

of businesses were attacked by ransomware in 2016

**68%**

of businesses use or plan to use a hybrid infrastructure, consisting of physical, virtual, and cloud servers

**21+**

platforms supported by Acronis Backup 12.5 – on-premises, in remote locations, in private and public clouds, and on mobile devices

**500,000**

businesses rely on Acronis to protect their data and systems

## ONLY ACRONIS BACKUP 12.5

Delivers **hybrid cloud and on-premises data protection** for small and medium-sized businesses using a touch-friendly, web-based console to back up and recover all individual workloads

Includes **Acronis Instant Restore™** that allows you to **reduce RTOs to seconds** by running any physical or virtual Windows or Linux system backup as VMware or Hyper-V VM with a few clicks and without standby hardware

**Eliminates the need to recover from ransomware attacks** by proactively defending systems with Acronis Active Protection™

Supports the protection of **21 types of physical, virtual, cloud, end-user, and mobile devices**, delivering easy, complete, and affordable data protection

Includes **Acronis Notary™**, which improves regulatory compliance, establishes the validity of recovery, and ensures authenticity and integrity of your backups with Blockchain.

Gives you **complete control over the location of your data, systems, and backups**, improving regulatory compliance and ensuring data sovereignty.

# BEST FOR ANY BUSINESS

## Small Offices / Home Offices

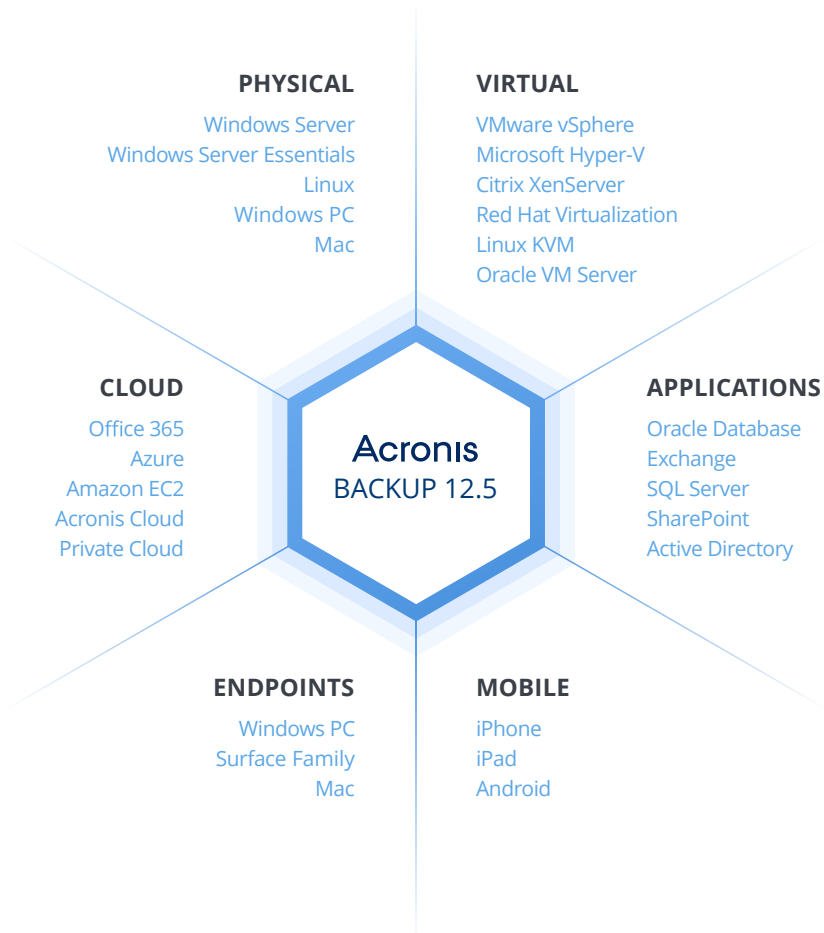
If you have just one or two servers, a few applications, a handful of PCs or Macs, and an Office 365 subscription, you can install Acronis Backup 12.5 on any Windows or Linux system or a virtual machine and deploy the agents to your devices. You can store your backups on USB drives or network-attached storage (NAS). For greater data security, store a copy of your backups in Acronis Cloud Storage, a secure off-site destination that protects your backups from major disasters, such as a fire or flood.

## Small Businesses

For small businesses with a few servers and virtual host, NAS is the most popular backup device. Acronis Backup 12.5 easily installs on any of your Windows or Linux machines (including Hyper-V host) so you can deploy the agents. Using the console, you can see all your devices, and schedule your backups. Store an off-site copy in secure Acronis Cloud Storage to ensure your business data is safe from any event.

## Medium-Sized Businesses

If you have a distributed environment, Acronis offers a variety of solutions to scale your data protection without increasing the complexity. You can take advantage of reliable backups, machine groupings, backup policies, customisable dashboards, admin roles, and advanced reporting. Centralised deduplicated storage helps you optimise disk and network utilisation. Acronis also offers a complete set of professional services, including consulting, design, and implementation.



## KEY FEATURES TO PROTECT YOUR BUSINESS

### Disk-Imaging Backup

Protect your entire business by backing up your entire systems, selected files, or data. Store your backups to a variety of storage devices, including local disks, network storage, centralised deduplicated storage, tape devices, and the cloud. Easily recover a complete image or selected files, folders, items, and applications.

### Hybrid Infrastructure Protection

Mitigate risks backing up and recovering your physical systems, hypervisor hosts, virtual machines, and cloud data. Evolve your business with any-to-any migration between different platforms, including the cloud.

## FEATURES TO RECOVER YOUR SYSTEMS

### Acronis Universal Restore

Minimise expensive downtime by restoring Windows and Linux systems to dissimilar hardware, including bare-metal physical, virtual, or cloud environments.

### Acronis Instant Restore

Achieve RTOs of 15 seconds or less by starting your system backup as a VMware or Hyper-V VM directly from backup storage; no data movement required.

### Easy Granular Recovery

Reduce RTOs by restoring folders, files, databases, documents, mailboxes, and individual emails directly from your backup — no third-party tools or extra steps required.

## FEATURES TO SIMPLIFY MANAGEMENT

### Centralised Web Console

Reduce your workload with a touch-friendly, web-based management console that is accessible from any device, including tablets.

### Advanced Reporting

Increase system resiliency by learning from the insights you get with regular, customisable reports that allow you to focus on the exceptions in your infrastructure.

### Admin Roles

Enable IT to delegate data protection of remote offices, branch offices, and departments and manage roles for multiple administrators.

### Customisable Dashboards

Increase infrastructure resiliency and quickly resolve issues with customisable touch-friendly dashboards, with an ability to drill down to specific issues.

### Smart Alerting

Reduce the time it takes to react and resolve issues with smart, aggregated alerts, eliminating the need to sort and filter multiple notifications about the same issue.

## STORAGE OPTIONS FOR YOUR BACKUPS

### Local Disks, NAS, SAN

Reduce RTOs and speed up granular recovery with support for local and network-based disk storage without the need to establish backup or media servers.

### Tape Drives, Autoloaders, and Tape Libraries

Satisfy regulatory requirements and disaster recovery needs by storing backups on local or central tape devices. Includes support for media management, tape rotation, and detailed retention rules.

### Acronis Cloud Storage

Ensure recovery from any disaster and maintain your data sovereignty by storing backups in any one of more than 14 secure and reliable Acronis Cloud Data Centers.

## INNOVATIONS FOR BETTER PROTECTION

### **EXCLUSIVE!** Acronis Active Protection

Protect your users from ransomware attacks with technology that actively detects, blocks, and reverses suspicious changes to data, including backup files and backup agents.

### **EXCLUSIVE!** Acronis Notary

Ensure the authenticity and integrity of backups by storing backup file checksum certificates in the Blockchain database, and detect unauthorised changes to your backups before recovery.

# SUPPORTED SYSTEMS

## Operating Systems for On-Premises Console Installation

- Windows Server® 2016, 2012/2012 R2, 2008/2008 R2\*
- Windows Small Business Server 2011, 2008
- Windows MultiPoint Server 2012, 2011, 2010
- Windows Storage Server 2012/2012 R2, 2008/2008 R2
- Windows 10, 8.1, 8, 7
- Linux x86\_64 with kernel from 2.6.18 to 4.9 and glibc 2.3.4 or later

## Microsoft Windows

- Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008, 2003 R2, 2003\*
- Windows Small Business Server 2011, 2008, 2003 R2, 2003
- Windows MultiPoint Server 2012, 2011, 2010
- Windows Storage Server 2012 R2, 2012, 2008 R2, 2008, 2003
- Windows 10, 8.1, 8, 7, Vista, XP SP3

## Linux

- Linux with kernel from 2.6.9 to 4.9 and glibc 2.3.4 or later
- Various 32-bit (x86) and 64-bit (x86\_64) Linux distributions including:
  - Red Hat® Enterprise Linux 4.x - 7.3
  - Ubuntu® 9.10 - 16.04
  - Fedora® 11 - 23
  - SUSE® Linux Enterprise Server 10 - 12\*
  - Debian® 4 - 8.5
  - CentOS® 5.x - 7.3
  - CloudLinux 7, 7.1
  - ClearOS 5.x, 6.x, 7, 7.1
  - Oracle Linux 5.x - 7.3 (including UEK)

## Mac OS X / macOS

- OS X 10.08 or later\*

## Mobile Operating Systems

- iOS 8 or later
- Android® 4.1 or later

## Cloud

- Office 365 mailboxes
- Amazon Web Services EC2 Instances
- Microsoft Azure VMs

## Hypervisors

- VMware vSphere ESX(i) 6.5, 6.0, 5.5, 5.1, 5.0, 4.1, including vSphere Hypervisor (free ESXi)\*
- Microsoft Hyper-V Server 2016, 2012 R2, 2012, 2008 R2, 2008
- Microsoft Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008 with Hyper-V
- Microsoft Windows 10, 8.1, 8 (x64) with Hyper-V
- Citrix XenServer® 4.1-6.5\*
- Red Hat Virtualization 2.2-4.0
- Linux KVM
- Oracle VM Server 3.0-3.3

## Applications

- Oracle Database 12, 11\*
- Microsoft Exchange Online
- Microsoft Exchange Server 2016, 2013, 2010, 2007 – including cluster configurations
- Microsoft SQL Server® 2016, 2014, 2012, 2008 R2, 2008, 2005 – including cluster configurations
- Microsoft SharePoint 2013, 2010 SP1, 2007 SP2, 3.0 SP2

## Storage

- Local disks – SATA, SCSI, IDE, RAID
- Networked storage devices – SMB, NFS, iSCSI, FC
- Removable media – ZIP®, Rev®, RDX®, etc.
- External HDDs and SSDs – USB 3.0/2.0/1.1 and IEEE1394 (Firewire)
- Tape drives, autoloaders, and libraries, including media management and barcode support
- Acronis Cloud Storage

## File Systems

- FAT16/32
- NTFS
- HFS+ \*
- ReFS \*
- ext2/ext3/ext4
- ReiserFS3, ReiserFS4 \*
- XFS \*
- JFS \*
- Linux SWAP

## Web Browsers

- Google Chrome® 29 or later
- Mozilla Firefox® 23 or later
- Opera 16 or later
- Windows Internet Explorer® 10 or later
- Microsoft Edge® 25 or later
- Safari® 8 or later (running in Apple OS X and iOS)

# Acronis

For additional information, please visit [www.acronis.com](http://www.acronis.com)

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