Acronis

Backup as a Service

WHAT'S NEW
IN THE ACRONIS CYBER CLOUD 8.0 RELEASE

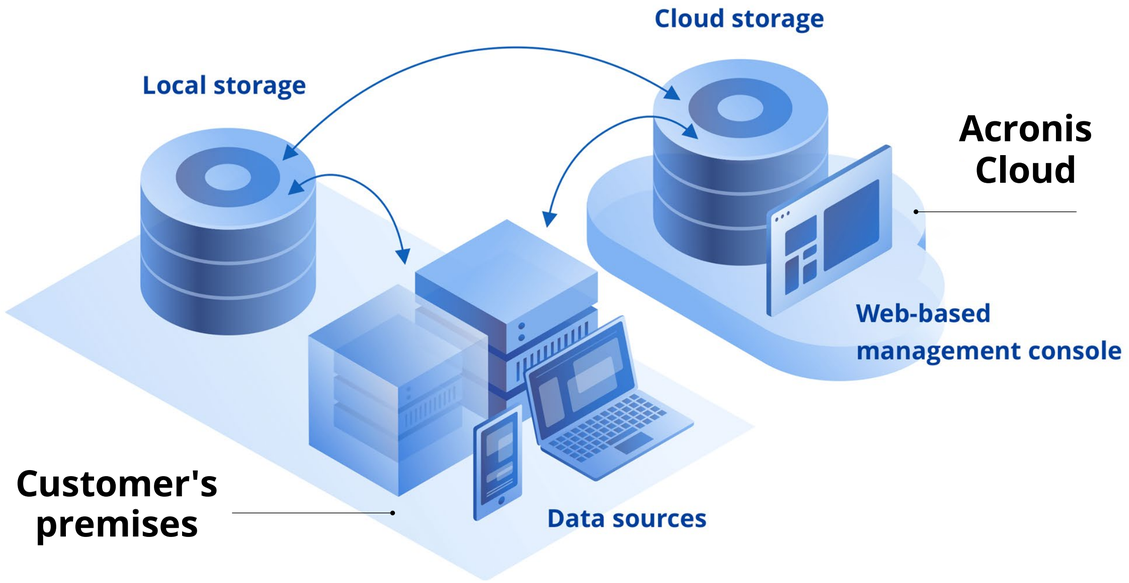
Acronis Backup as a Service

NOW FOR BOTH STANDARD AND ADVANCED EDITIONS

Acronis Backup is the best solution on the data protection market. It is available through two deployments models: on your premises or in the Acronis Cloud, without limiting functionally.

Acronis Backup as a Service leverages a wide variety of data protection capabilities including easy management of large environments, any-to-any recovery, cloud storage, cloud DR, and cloud-to-cloud backup of O365 and G Suite via a single, centralized web-based management console.

Get rid of on-premises backup complexity and explore the advanced functionality of Acronis Backup installed in the Acronis Cloud.



What's new in Acronis Backup as a Service

Easy

- Application-aware Hyper-V and Oracle Database backup and recovery
- Cluster-aware backup of Microsoft SQL Server and Microsoft Exchange Server
- Microsoft Office 365 public folders backup
- Granular Microsoft Exchange mailbox backup

Efficient

- New Performance and Backup window
- Centralized backup plan management and group management of devices
- Ability to add comments to devices
- Instant Restore with VM finalization for Hyper-V
- New device status rules
- Script-based backup location targeting

Secure

- Automatic backup file notarization
- Automatic system-information save, if a reboot recovery fails
- Encrypted backups support for disaster recovery
- Five locations for replication in a backup plan
- Secure Zone management from the backup console

...and new features in the **Acronis Disaster Recovery add-on**

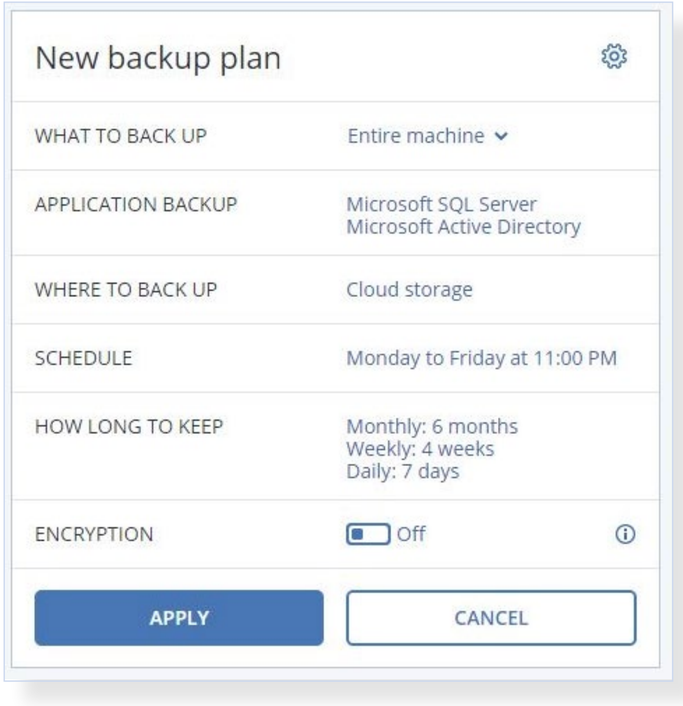
Easy

Application-aware VM backup on Hyper-V

Enable application-aware backup of Hyper-V VMs without the need to install per-VM agents

Gain ease-of-use and cost-efficiency.

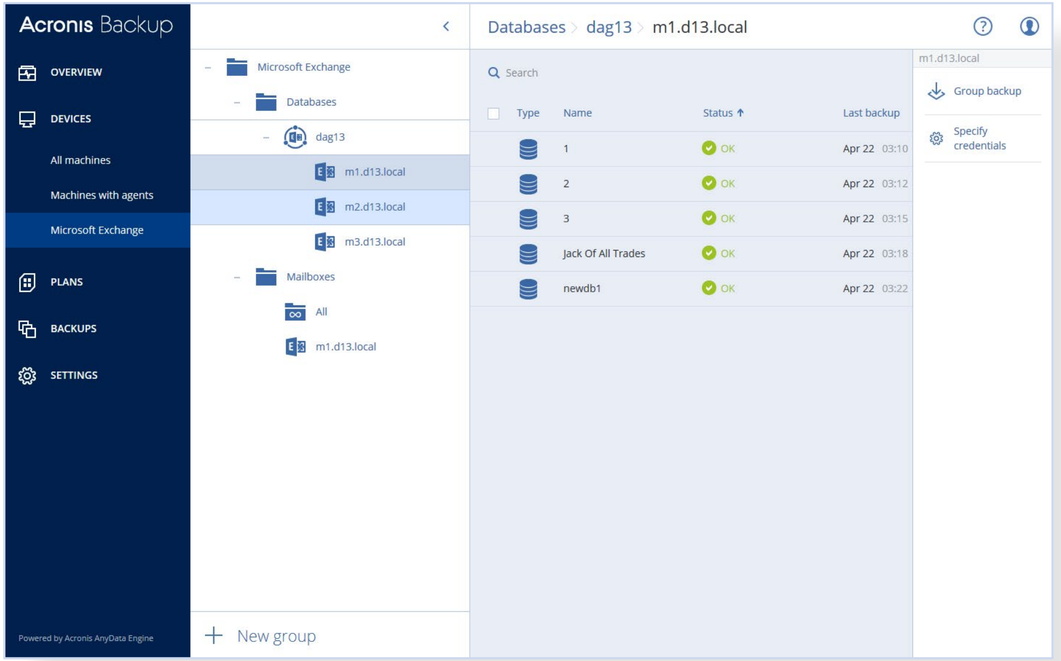
The new application-aware backup of Hyper-V VMs by the Agent for Hyper-V improves backup and recovery of Microsoft SQL Server, Microsoft Exchange Server, Microsoft SharePoint, and Active Directory Domain Services running on Hyper-V.



Cluster-aware backup of Microsoft SQL Server and Microsoft Exchange Server

Enable backup and reliable recovery of clustered Microsoft applications data, even in the event of a database logical corruption or a cluster-wide disaster.

Acronis Backup service discovers and takes into account the structure of the cluster and tracks all data relocation to enable safe backups.

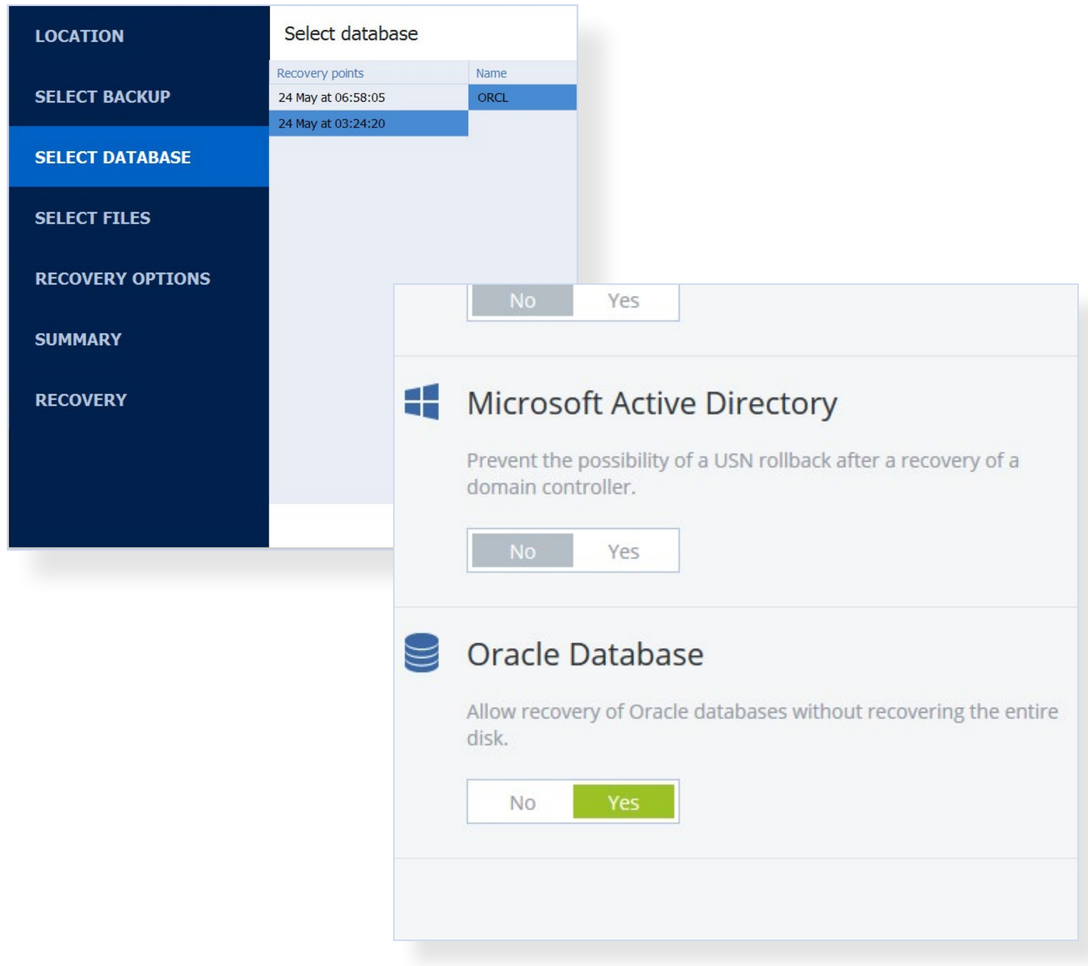


Application-aware Oracle Database backup

Protect Oracle Database data and ensure quick application recovery times

Acronis Backup as a Service now includes application-aware server-level and database-level backup and recovery for Oracle Database.

It also offers integration with RMAN for restoration and ready-to-use RMAN scripts for more sophisticated scenarios.

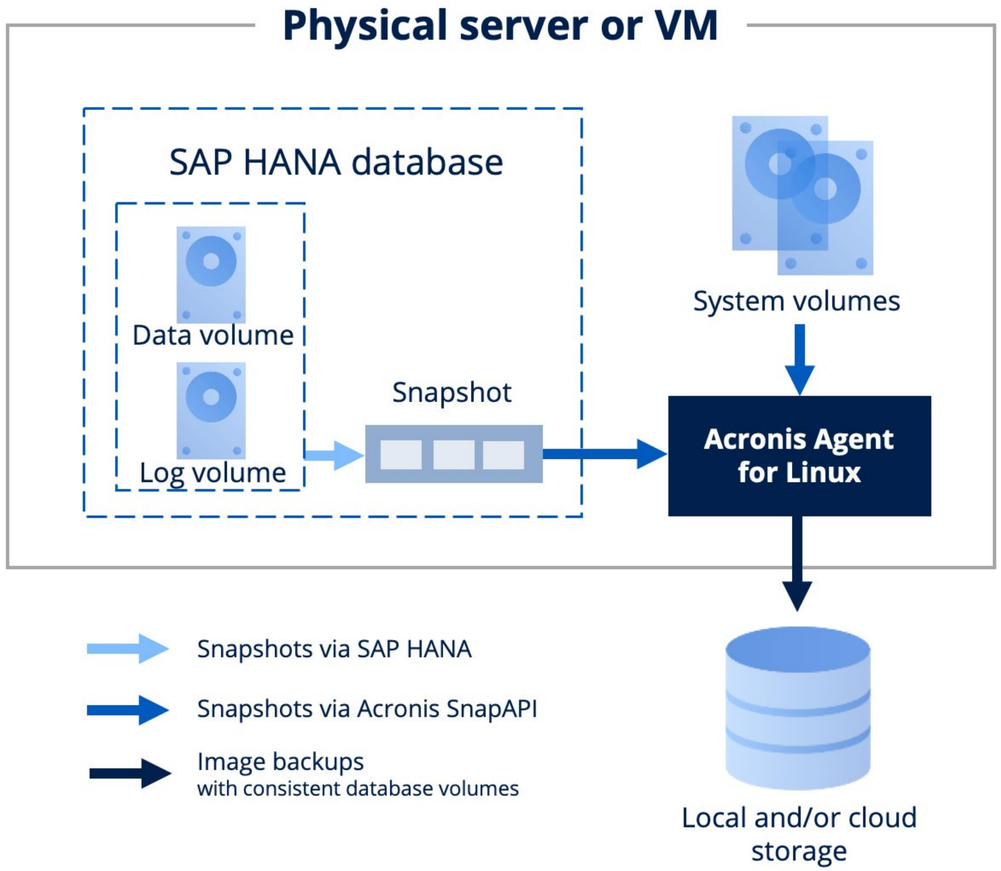


Application-aware SAP HANA backup

Enable quick, reliable recovery of SAP HANA database servers

To protect the database data from disk storage failures and logical errors, you can create consistent disk-level backups of servers running SAP HANA in a simple, straightforward manner that does not require any SAP HANA knowledge or expertise.

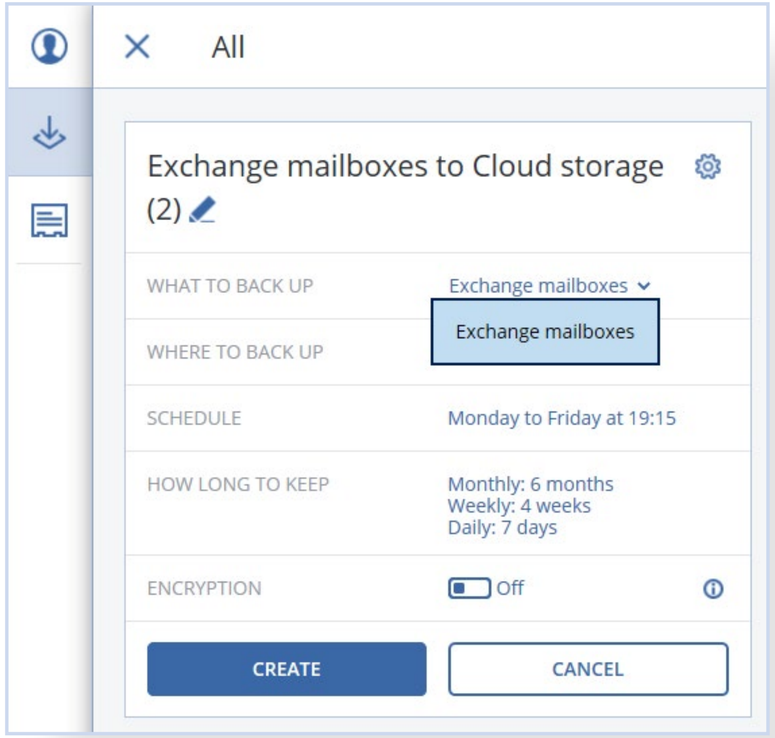
You can then reliably recover SAP HANA servers to bare metal, same or different hardware, and migrate them from a physical machine to a virtual machine and vice versa — the SAP HANA data inside the backup will be consistent.



Granular Microsoft Exchange mailbox backup

Back up and recover specific mailboxes without the need to back up the entire server or databases.

This backup is done remotely so there is no need to install the Exchange agent on the machine with the Exchange server.



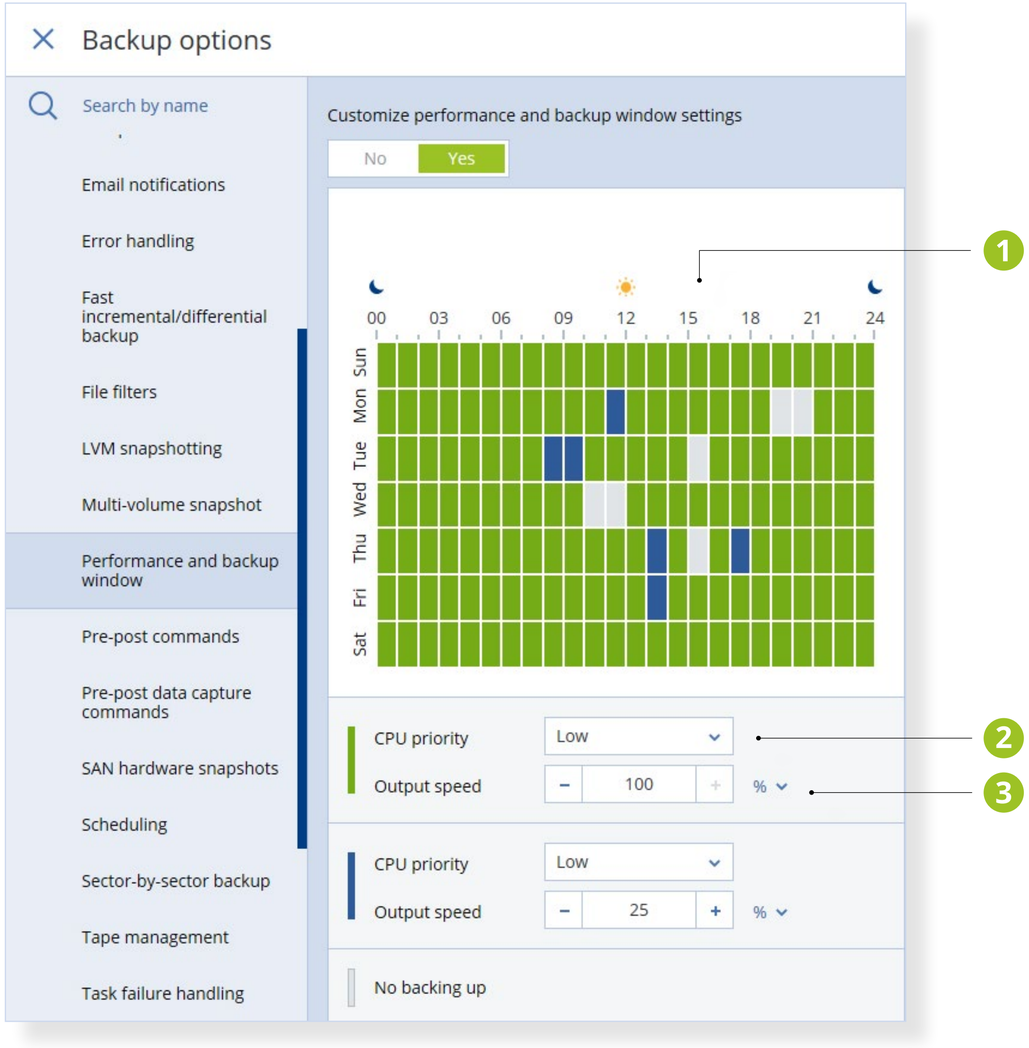
Efficient

Backup jobs time-window settings

Minimize the impact on running systems by setting backup window times in your backup plans

Set up backup window settings easily and minimize impact on running systems via the Performance and Backup window:

1. *Set up a preferred backup timeframe*
2. *Define the priority of the backup process in the operating system*
3. *Limit the output speed during backup process*

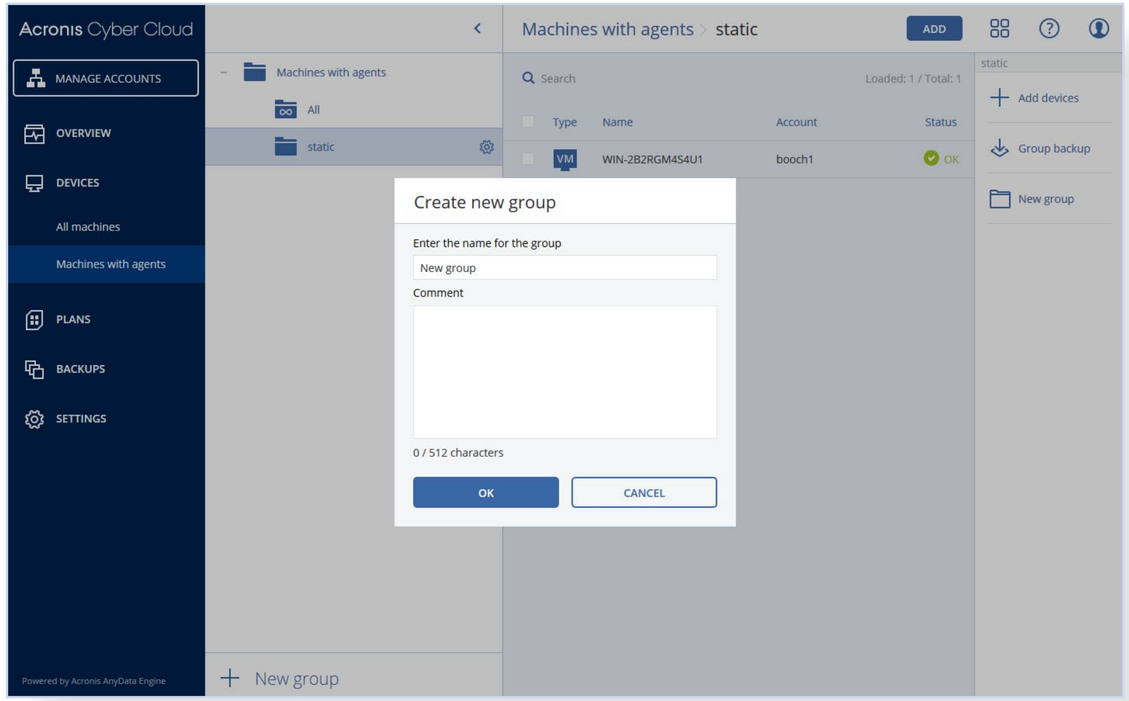


Group management of devices

Manage a larger number of machines more quickly and easily

Create **static** or **dynamic** groups of machines and apply backup plans to the groups, not to each machine manually.

Once a new device is added to the group, the device automatically becomes protected by the specified backup plan.

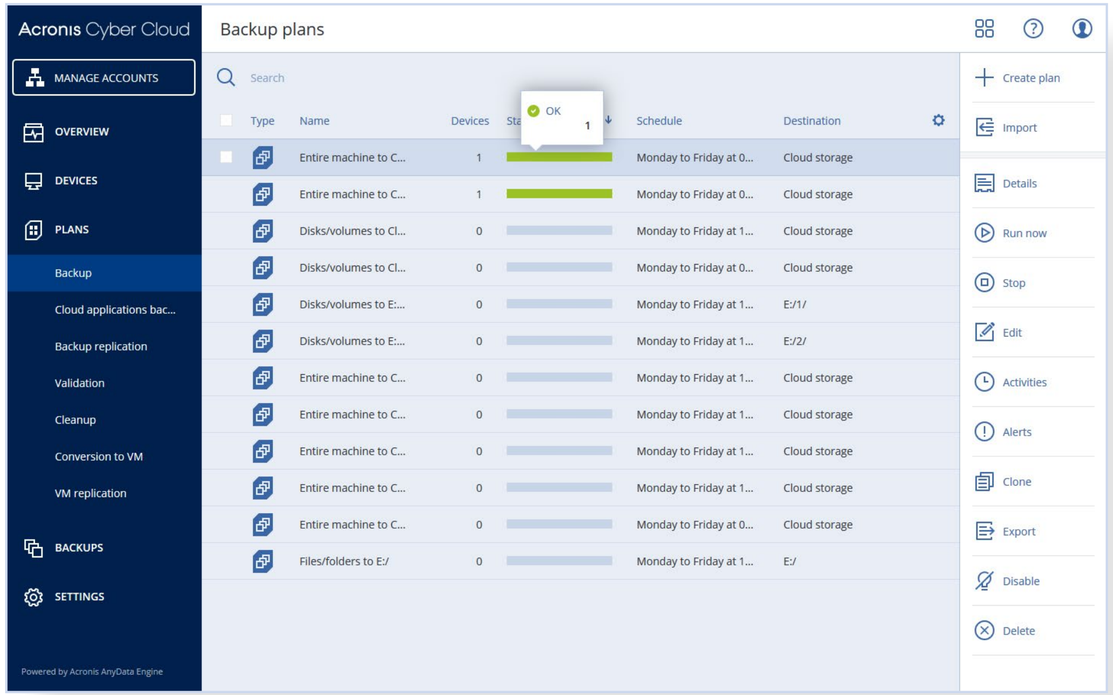


Centralized backup plan management

Improve efficiency by managing backup plans from one tab

The new Plans tab shows all backup plans created in the account and their details.

You can create, edit, disable, enable, delete, start the execution of and inspect the execution status of a plan.



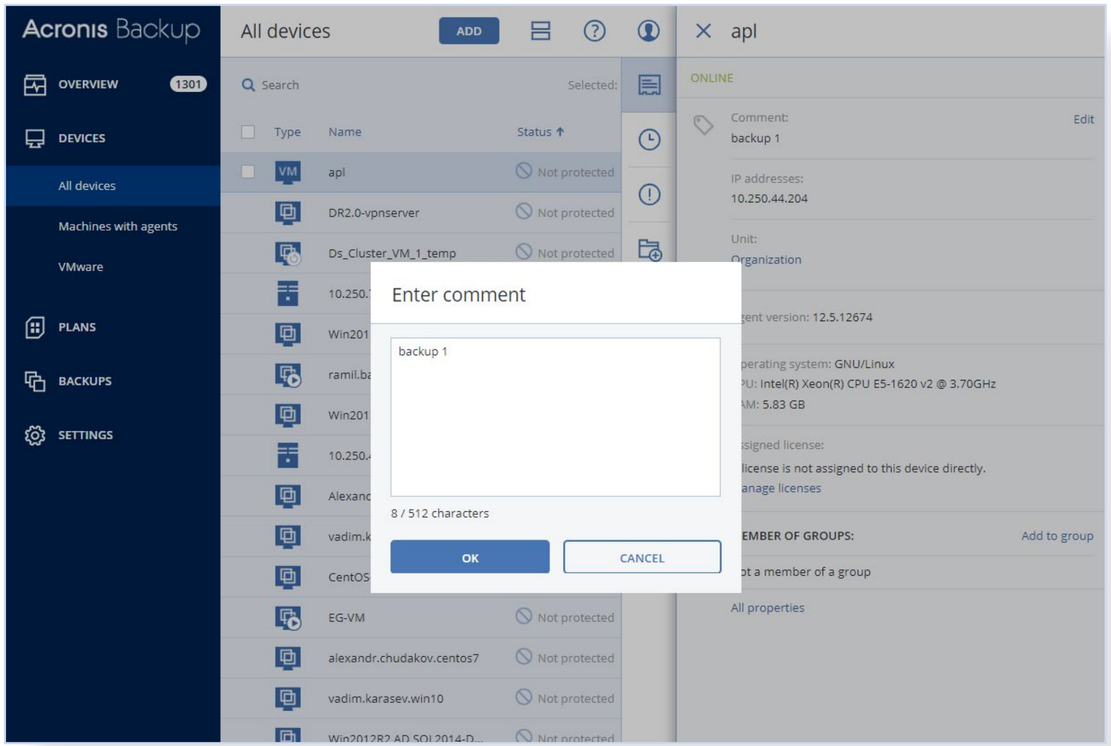
Ability to add comments to devices

Organize devices by adding comments to each protected machine on the Details pane then easily manage them by keywords

The new capability to Comment allows for convenient searches and device grouping among all protected systems.

By adding comments to your machines you can:

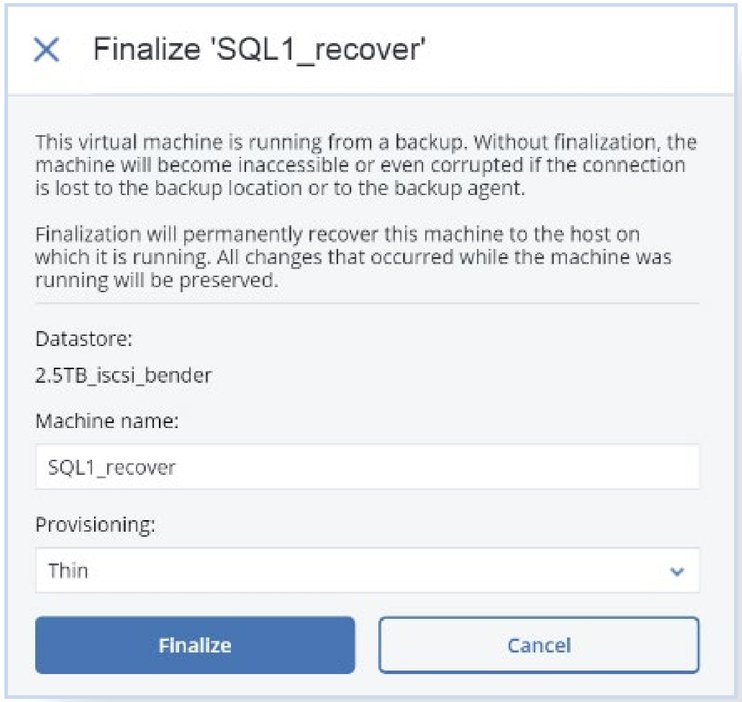
- Add useful notes for your team members
- Search for devices by keywords
- Group them by keywords
  (Advanced edition)



VM finalization on Hyper-V

Finalize Hyper-V virtual machines that are running from backups during recovery via Acronis Instant Restore

Start Windows or Linux virtual machines immediately from backup storage. Get your virtual machine (VM) running in mere seconds while Acronis Instant Restore technology invisibly moves data in the background to the host — without any downtime.



New device status rules

Troubleshoot faster with new alert-based statuses

Alerts cover a wider range of events than just backup activity results, e.g. missed backups and ransomware activities.

The statuses are now much more descriptive so you can quickly understand what the problem is (instead of just "error" or "warning" notices).

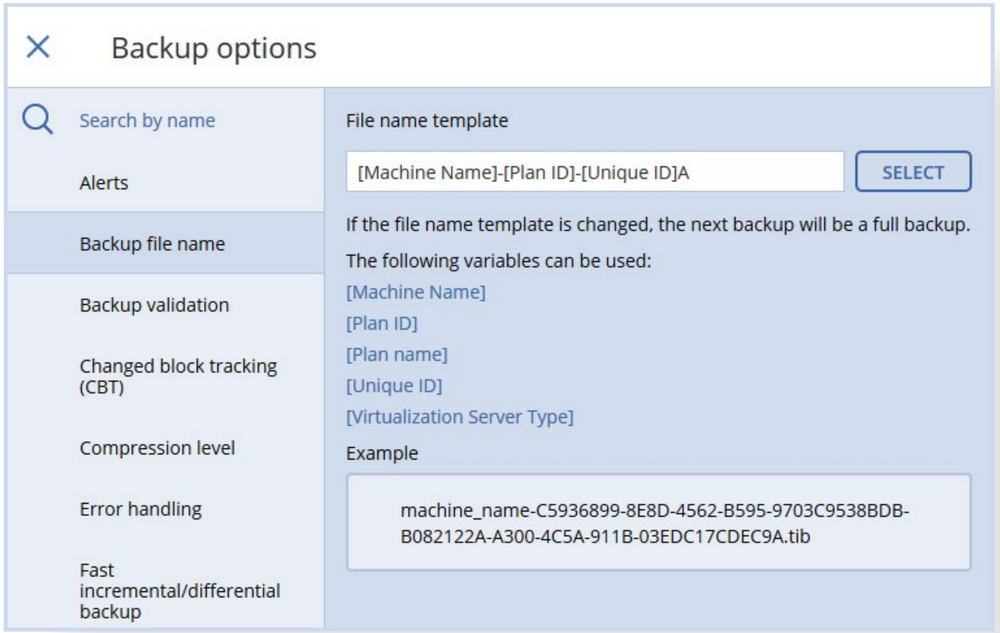
You can clear alerts manually — this will change the status to "OK".

New backup option: Backup file name

Continue an existing sequence of backups, no matter what

There are two main reasons to use the new backup file-name templates:

- To force the backup plan to continue backing up to the same backup or backup sequence — as opposed to starting a full backup from scratch.
- To benefit from more user-friendly backup file names, which you create manually.

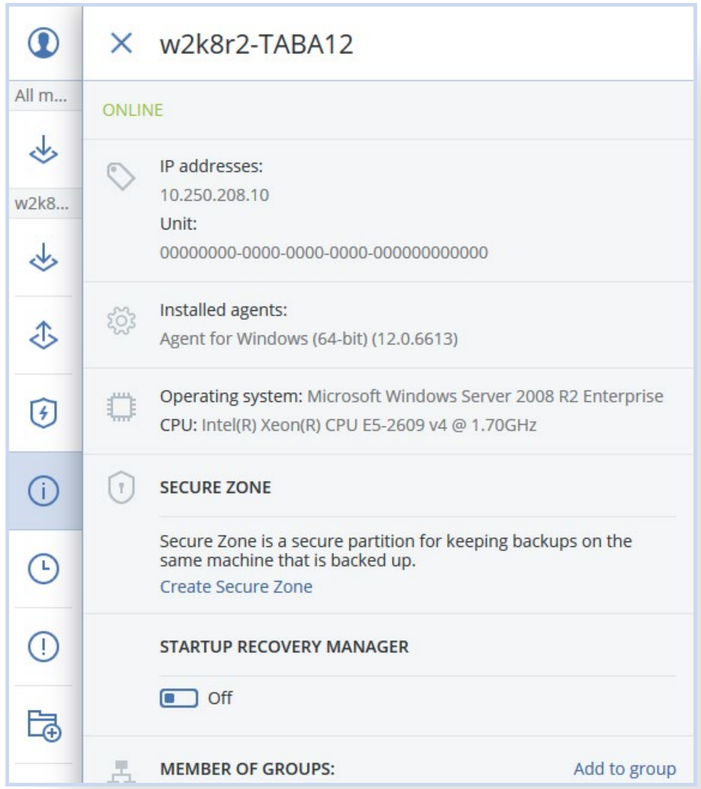


Startup Recovery Manager

Restore machines quickly, even if the operating system does not load – without separate rescue media or network connection

Startup Recovery Manager is a bootable component that lives on the system disk in Windows, or on the /boot partition in Linux (where it is configured to start by pressing F11 at boot up).

On Windows and Linux machines, activate the Startup Recovery Manager using the backup console.



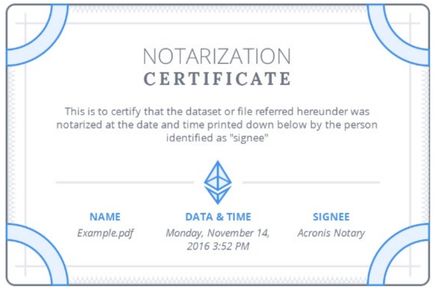
Secure

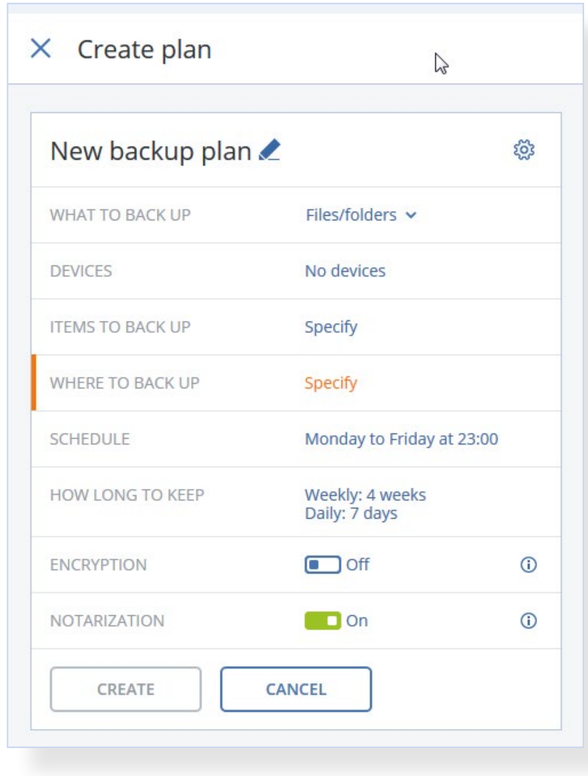
Backup file notarization option

Get independent validation that particular files are unchanged

To automatically notarize all files selected for backup, simply enable the Notarization option when you're creating a backup plan.

When configuring recovery, the notarized files will be marked with a special icon so you can easily verify the file's authenticity.





Easier Troubleshooting

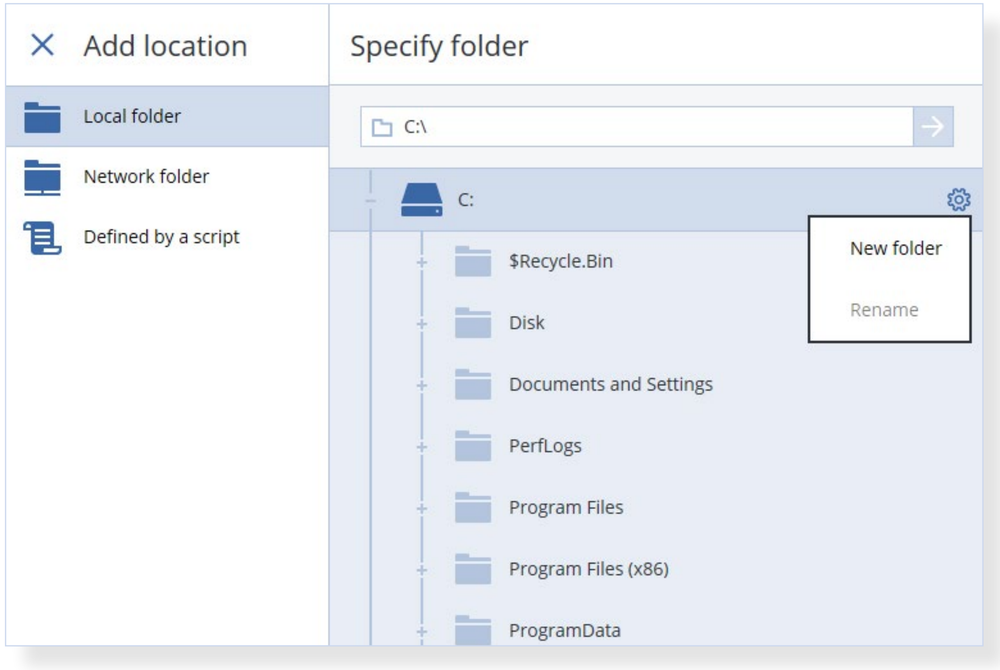
Streamline the work your IT staff needs to do to identify restore problems

Save system information on a local disk or a network share if a recovery with reboot fails. Specify a folder on the local disk or on a network share where the log, system information, and crash dump files will be saved.

Five locations for replication in a backup plan

Increase data safety and accessibility and balance data retention and storage costs more precisely

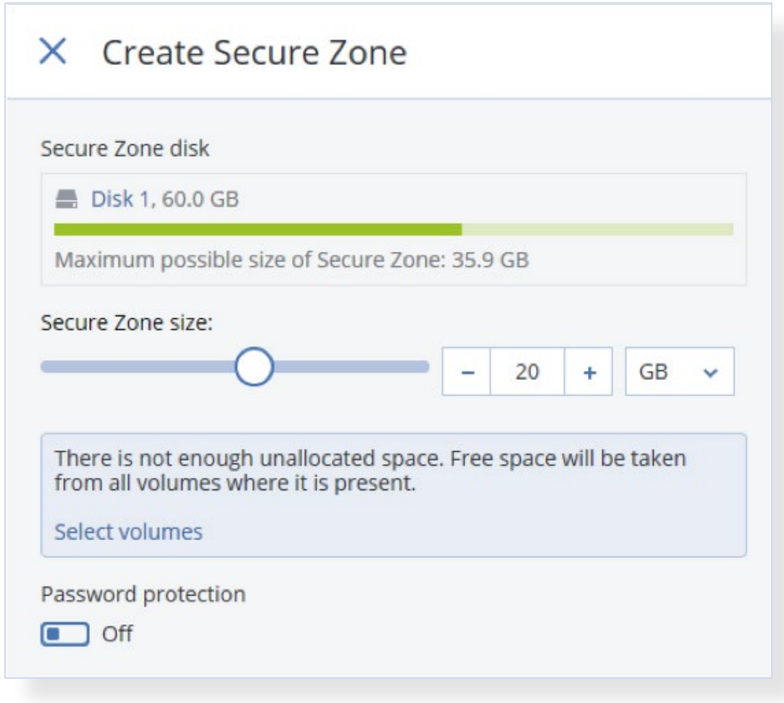
You can specify up to five locations where backups are replicated and set up separate rules for each location: retention rules, backup performance windows, and to-VM conversion settings.



Secure Zone management from the backup console

Create and delete Secure Zones on your protected machines without leaving the backup console. You can specify the Secure Zone size and enable password protection if needed.

Your Secure Zone is a secure partition on a disk of the backed-up machine, which is used to store the machine's backups. It is a useful, cost-effective method to protect backups from software malfunctions, virus attacks, or human error. It enables quick recovery from the same disk where the backup resides — with no need for a network connection or separate media to recover the data.



Other new features

Backup retention rule improvements

Specify how long to keep backups (e.g. based on the total size of backups in local storage) and when to start a cleanup procedure — before or after backups.

Assigning a virtual machine to a specific Agent for VMware (VM binding)

Assign a specific Agent for VMware to manage a specific virtual machine — as opposed to the default automatic agent-machine assignment. Manual binding is required in different cases, for example: if the Agent for VMware (virtual appliance) has locally attached storage, you will want to assign a dedicated agent to a very large VM; or, if you have multiple ESXi hosts that are separated geographically; etc.

Manual disk mapping when recovering machines

Re-map disks or volumes manually if you are dissatisfied with the disk-mapping result when performing recovery, or if the disk-mapping fails.

New recovery option: Boot mode

Select the boot mode that Windows will use after a recovery (BIOS or UEFI). If the original machine's boot mode is different from the selected boot mode, the software will initialize the recovery-to disk according to the option you select. Then it will adjust the Windows operating system so that it can start using the selected mode.

Default backup option management

Change a default option value against the pre-defined one for some backup options. The new value will be used by default in all backup plans created after you initiate the change.

Microsoft Office 365 public folder backup

Configure backup and recovery of Office 365 public folder data — in addition to many other types of items in Office 365.

New features in Acronis Disaster Recovery add-on

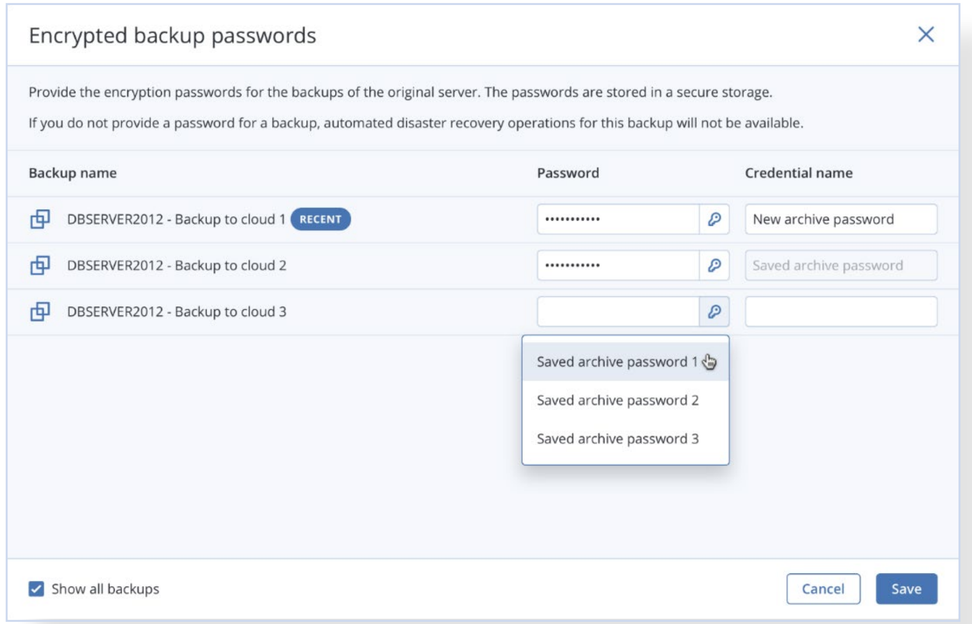
Encrypted backup support

Comply with data security requirements

Perform failovers using encrypted backups and allow the system to use securely stored passwords for automated disaster recovery operations.

The new Credential Store feature (accessible from the web console in the Disaster Recovery > Credential Store tab) allows you to securely store and manage passwords for encrypted server backups.

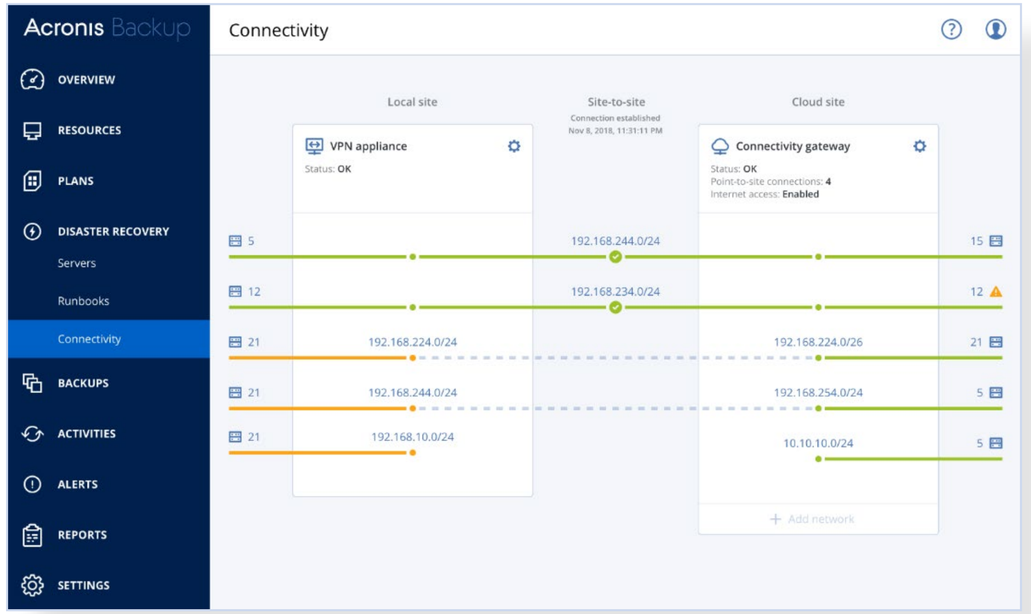
Comply with various data regulations (like HIPAA).



Multiple network support

Support more complex customer infrastructures

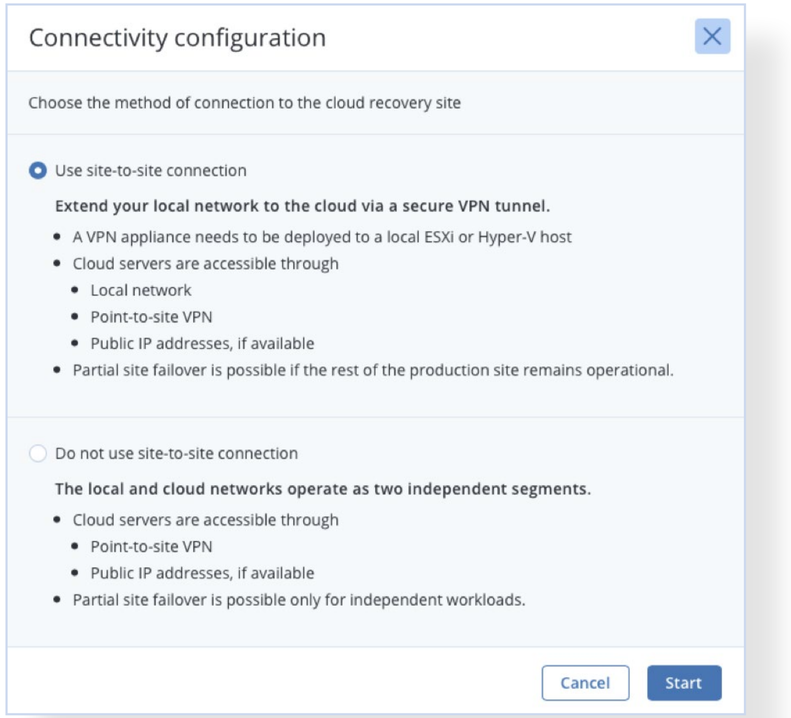
- Extend up to five local networks to the Acronis Cloud Recovery Site through the single site-to-site connection.
- Failover complex environments where protected servers are distributed across several network segments.
- See connectivity statuses of all five networks in one view.



VPN-less deployment option

Onboard customers more quickly and easily

- A VPN virtual appliance is not necessary for "point-to-site" connectivity.
- Switch from the "point-to-site" to "site-to-site" mode anytime.
- This option is especially useful for customers who want to quickly evaluate the service or don't need to extend the local network to the cloud site.

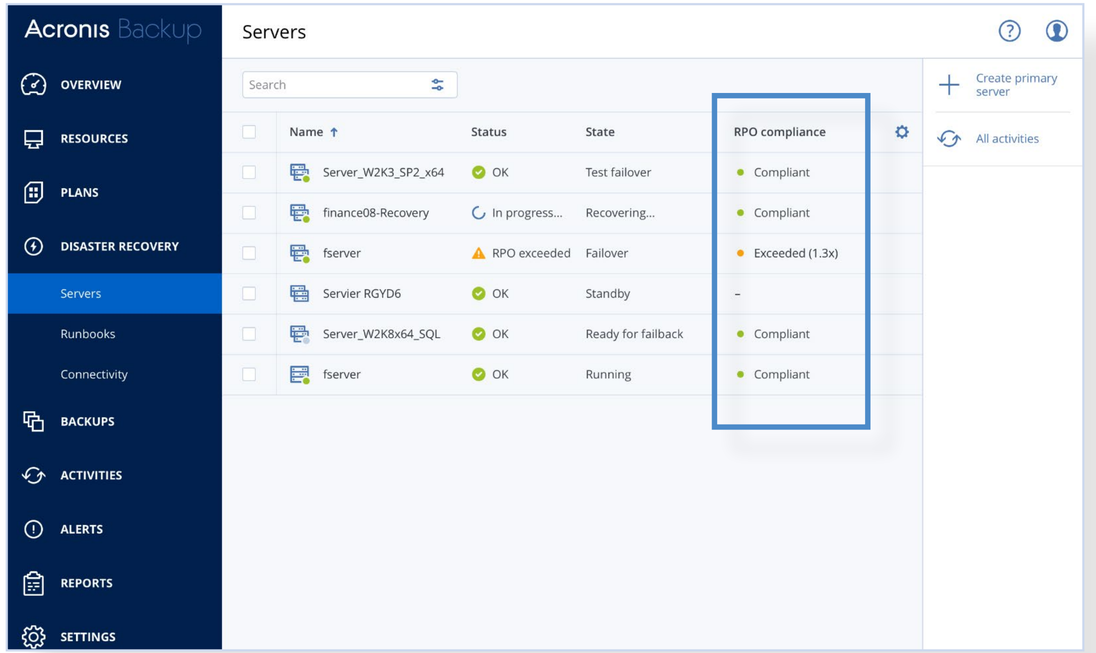


Recovery servers RPO compliance tracking

Improve SLA compliance

Define recovery point thresholds for the recovery servers to identify how "fresh" the cloud backup of the original machine (to perform failover) should be.

Track recovery point objective (RPO) compliance in real-time via the web console. Get alerts if the threshold is exceeded.

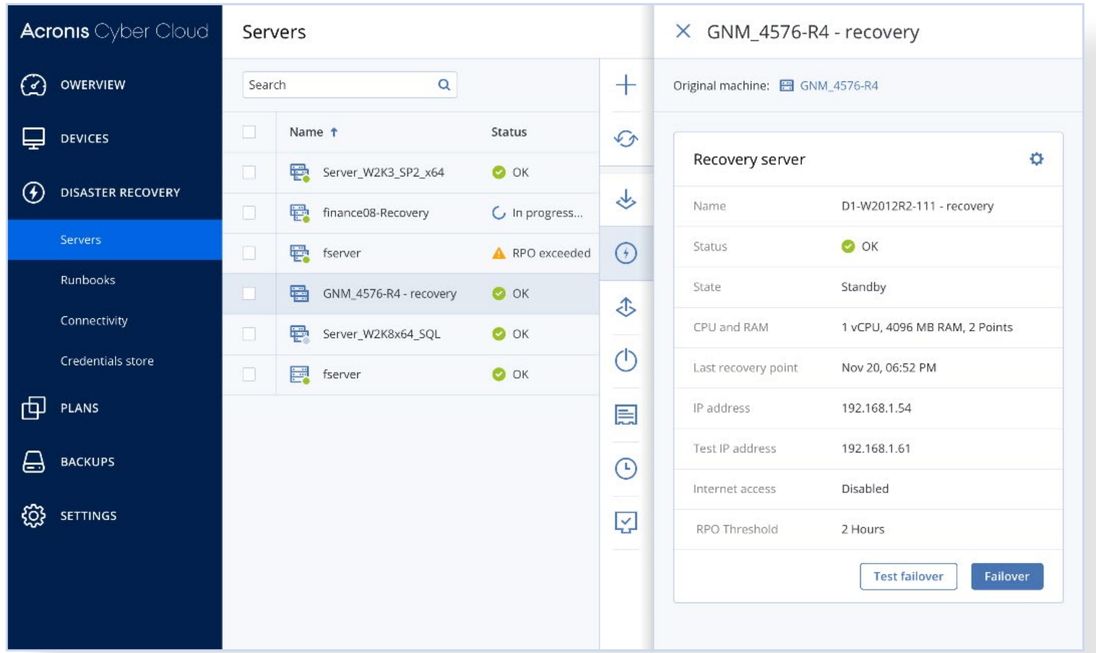


New Disaster Recovery section

Reduce management overhead

Find all disaster recovery controls in the new Disaster Recovery section.

Manage key functionality using separated tabs: server list, runbooks, connectivity settings, and the credentials store.

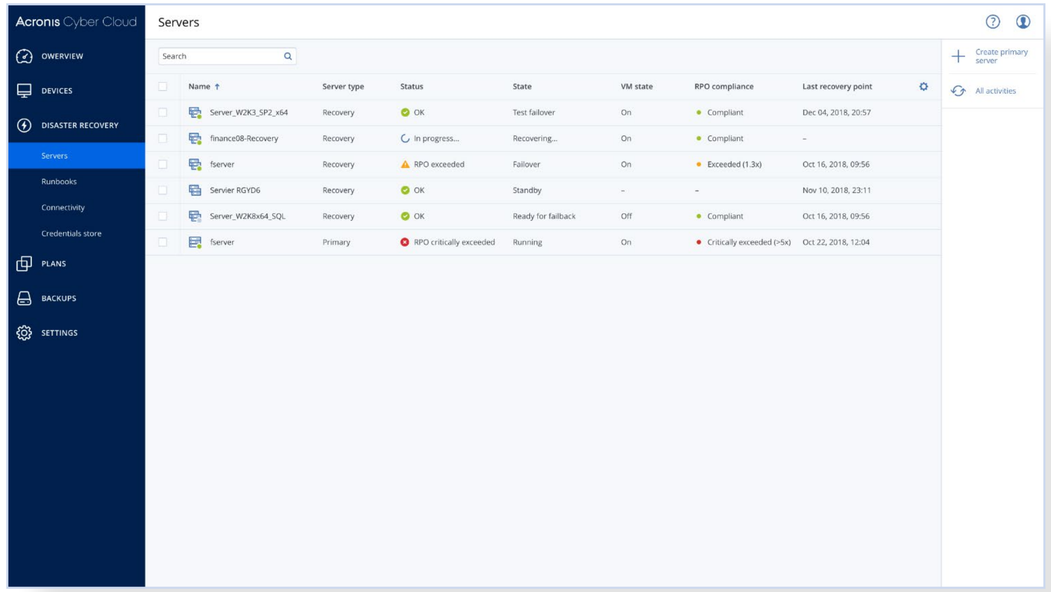


Redesigned cloud server management UI

Gain greater visibility into your cloud server environment

Improvements in the cloud server management interface:

- Device statuses are now more informative and actionable, and based on alerts.
- The "Machine status" column is still in the table but is now called "State".
- A new "VM state" column is added.
- The "Backup status" column is replaced with a more informative "Last recovery point" column.



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For additional information, please visit **www.acronis.com**