Acronis Data Cloud

What's new in version 7.8

Acronis

STRONG GROWTH DRIVEN BY SERVICE PROVIDERS

During the past year, Acronis added more than 2,000 new service providers who can offer cyber protection via the Acronis Data Cloud platform.

Obligation-free trials, single installation, a multi-tenant/multi-tier architecture, and native integration with PSA and RMM tools made Acronis the most efficient and cost-effective data protection solution available to service providers.

2,000

new service providers added during past year

79

out of the World's 100 Most Valuable Brands are using Acronis solutions

200%

YoY increase in protected devices

The Hybrid deployment allows us to differentiate from our competition, and the integration and regular deployment of new features into our existing control panels also brought significant efficiency improvement, cost savings as well as opening up new opportunities.

Tom O'Hagan,
Virtual1 founder and CEO

What's New in Acronis Data Cloud 7.8

WITH THE NEW SERVICES AND FEATURES IN VERSION 7.8, ACRONIS DATA CLOUD IS NOW EVEN MORE:

Easy to use

- Disaster recovery orchestration
- Acronis Backup Gateway pre-built VM templates for Azure and AWS
- Multiple UX improvements in the management console
- VMware virtual appliance with agent for VMware

Efficient

- Complete Microsoft Office 365 protection: Exchange Online, OneDrive for Business, and SharePoint Online
- New Physical Data Shipping service
- Laptop-optimized backup scheduling
- API v2 improvements

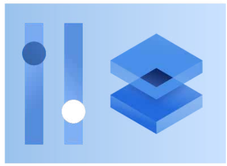
Secure

- Enhanced anti-ransomware protection
- New service: Acronis Notary Cloud
- Proxy server access using credentials
- Bootable media registration via OAuth 2.0

Top New Features in Acronis Data Cloud 7.8

Complete Microsoft Office 365 protection

Backup for Microsoft Exchange Online, OneDrive for Business, and SharePoint Online



Disaster recovery orchestration

Simplify and automate complex disaster recovery plans with runbooks

Enhanced ransomware protection

Including network folders protection and removable devices tracking

New service: Acronis Notary Cloud

Blockchain-powered data notarization and e-signature solution for service providers

Table of Contents

New features in and enhancements to

- Microsoft Office 365 backup
- Acronis Data Cloud management portal
- Acronis Backup Cloud
- Acronis Active Protection
- Acronis Disaster Recovery Cloud
- Acronis Files Cloud

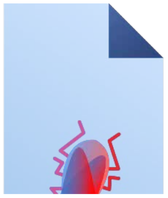
New services in Acronis Data Cloud

- Physical Data Shipping
- Acronis Notary Cloud

Microsoft Office 365 Backup

Why Backup Microsoft Office 365?

GAIN CONTROL OF YOUR MICROSOFT OFFICE 365 DATA



Internal security threats

Cope with user error, intentional and unintentional file deletion, infected file downloads, leaked usernames and passwords

Retention policy gaps

Avoid data loss due to canceled account subscriptions, misconfigured application workflows

Cybercrime

Avert malware damage or ransomware attacks that sneak through emails and attachments

Regulatory compliance

Meet tight SLAs for recovery time objective (RTO) or recovery point objective (RPO)

Complete Microsoft Office 365 Protection

Exchange Online

ENHANCED

Backup for Microsoft Exchange Online

OneDrive for Business

NEW

Backup for Microsoft OneDrive for Business

SharePoint Online

NEW

Backup for Microsoft SharePoint Online

- Back up from Microsoft data centers directly to Acronis data centers
- Support of Office 365 data centers worldwide as well as localized to China and Germany
- Automatically protect new Microsoft Office 365 users, groups and sites
- Search through Microsoft Office 365 backups to get quick access to your backed-up data

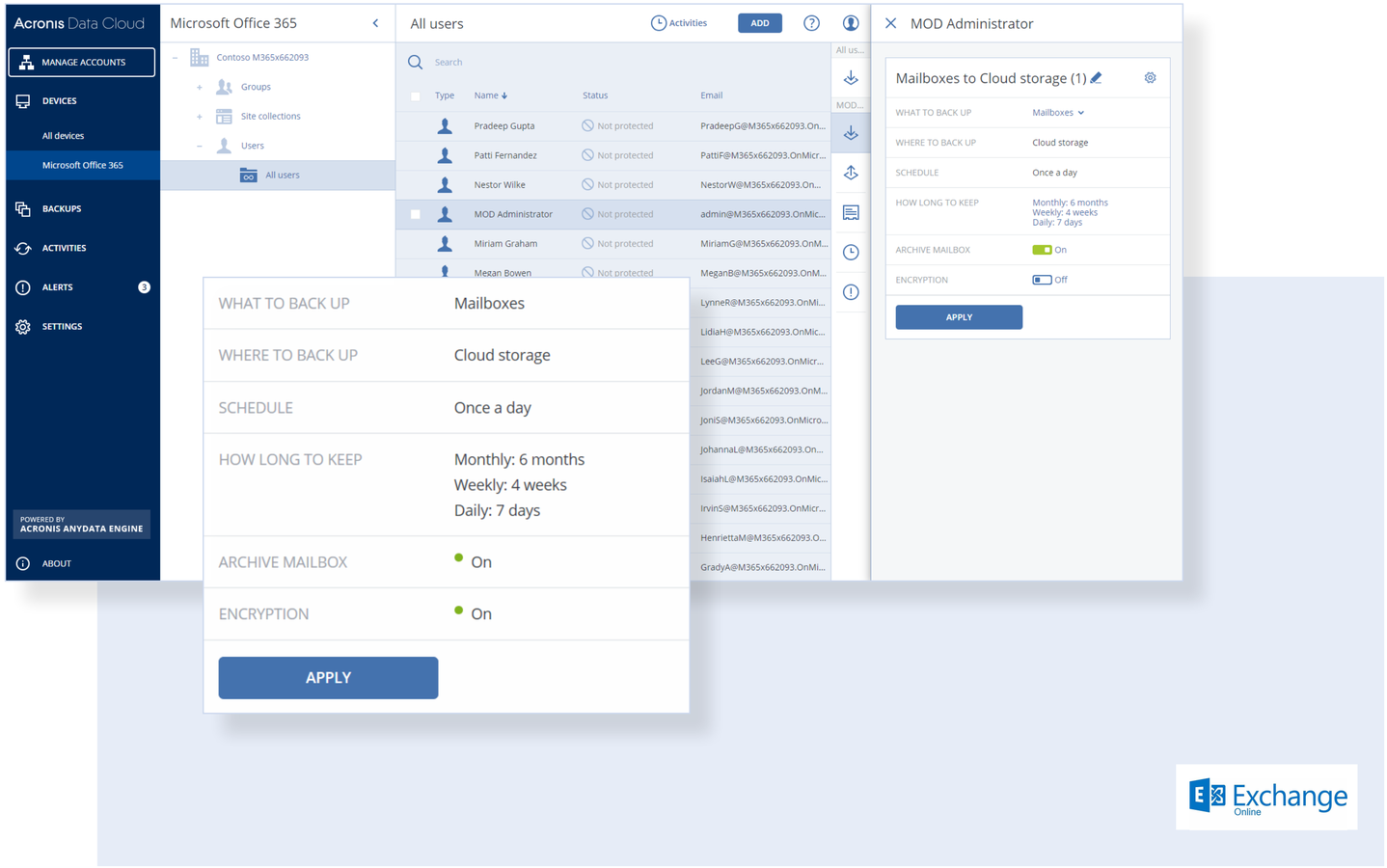
Microsoft Exchange Online Backup

Complete Backup

Emails, attachments, contacts, tasks, events, group mailboxes, archive mailboxes and calendar

Flexible Recovery

- Granular point-in-time recovery
- Search emails through backup
- Cross-user and cross-org recovery
- Restore to custom folder via live browsing of mailbox content
- Preview email content
- Download email attachments
- Send email from backup



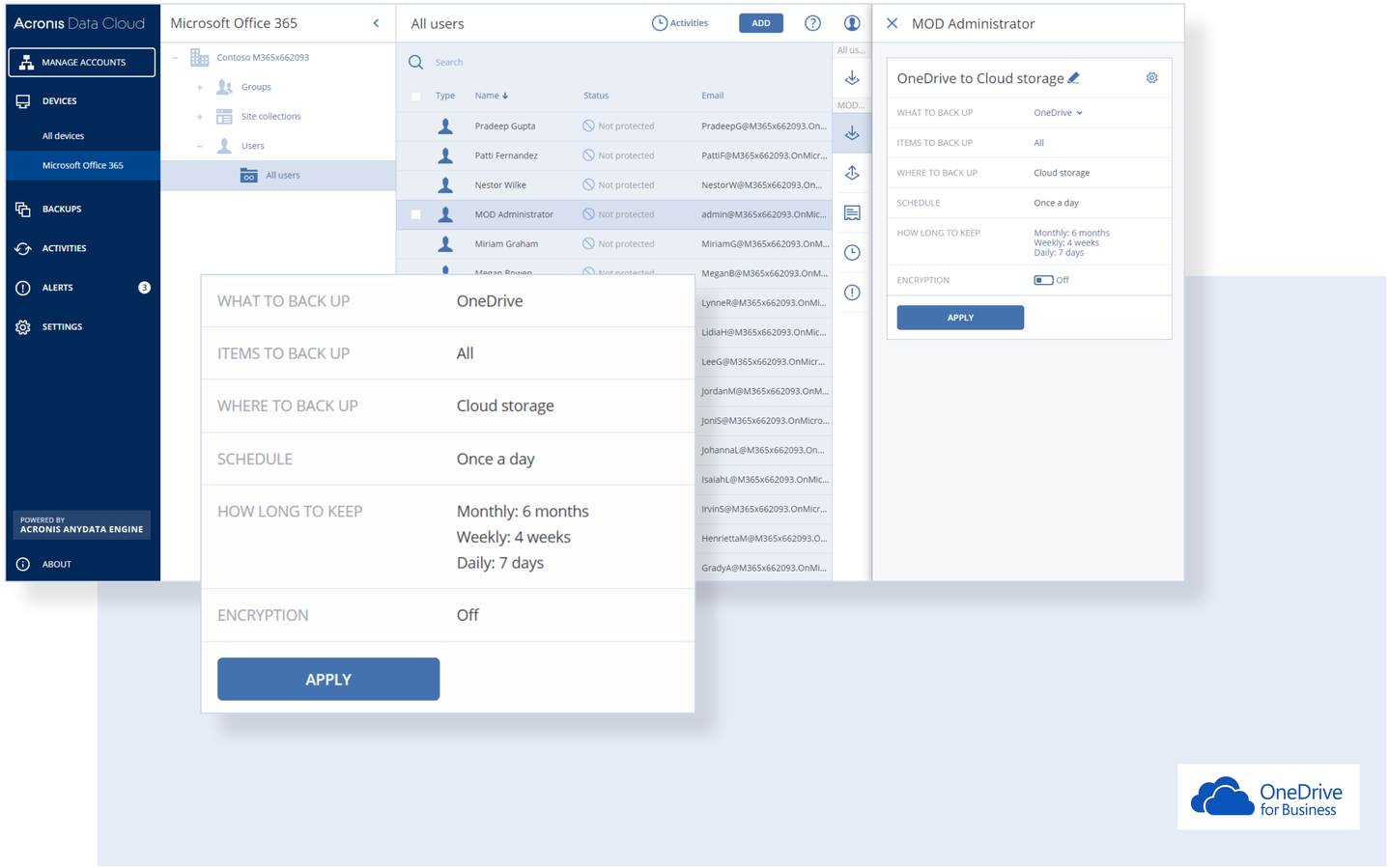
Microsoft OneDrive For Business Backup

Complete Backup

Files, folders, file filters support
(e.g. "back up *.docx")

Flexible Recovery

- Granular point-in-time recovery
- Search files through backup
- Cross-user and cross-org recovery
- Restore to custom folder via live browsing of OneDrive content
- Download file(s) from the backup
- Permissions recovery



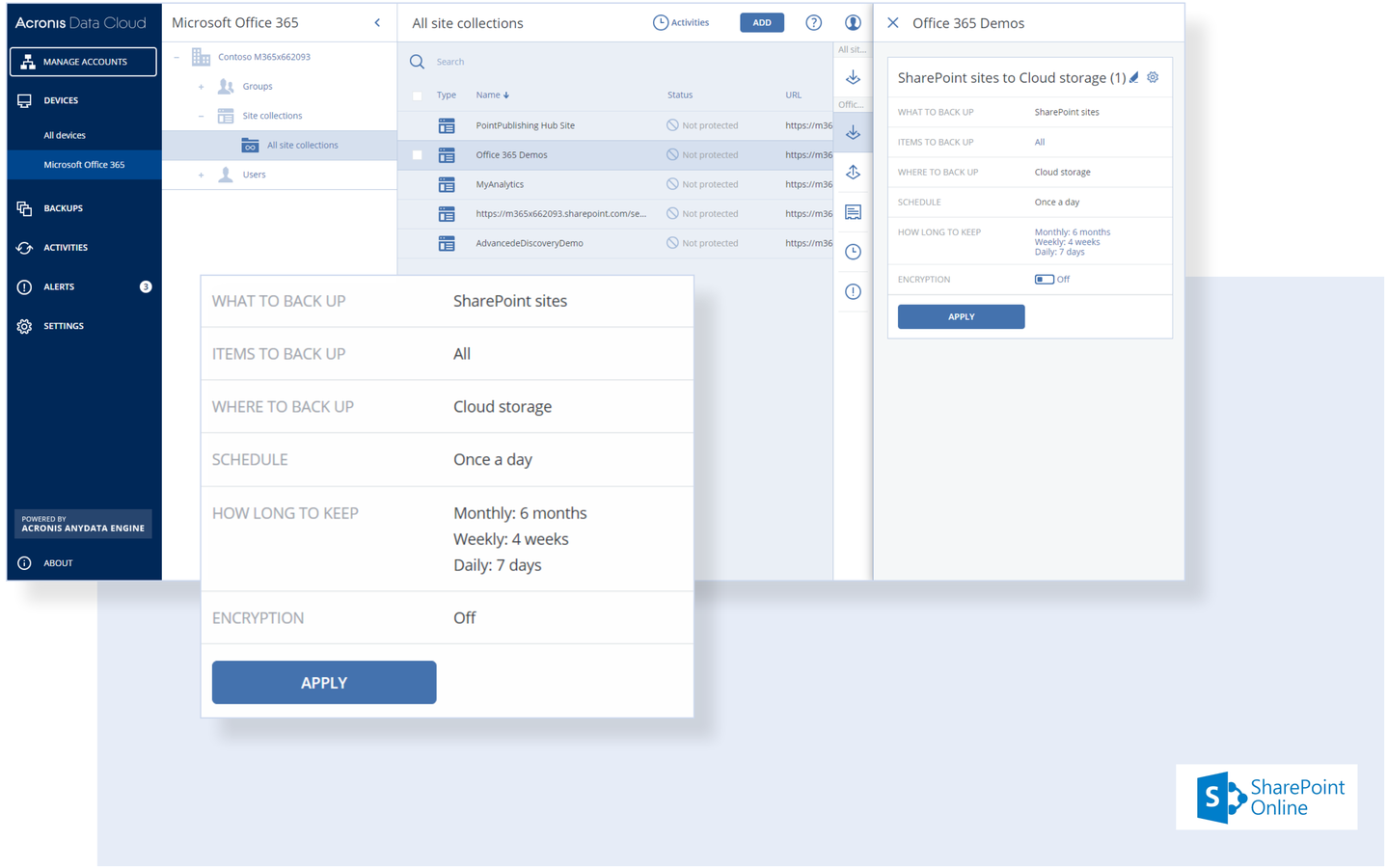
Microsoft SharePoint Online Backup

Complete Backup

Site collections, team sites, communication sites

Flexible Recovery

- Granular point-in-time recovery for entire sites, document libraries, single documents and more
- Search items through backup
- Cross-org recovery: recovery to another Office 365 organization
- Download file from the backup
- Permissions recovery

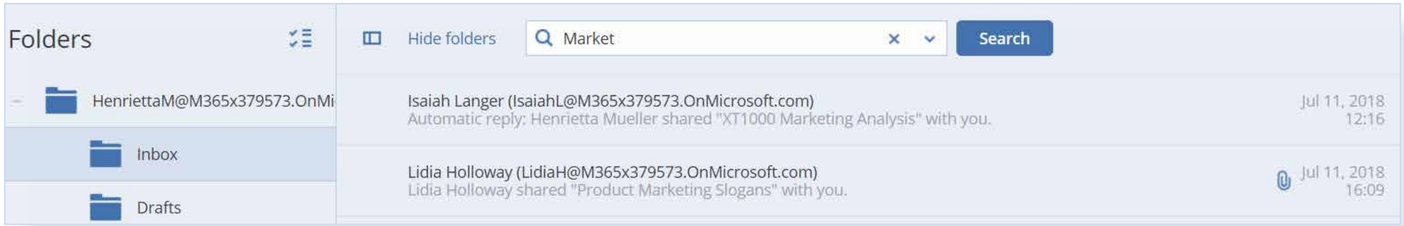


Search Through Mailboxes, OneDrive and SharePoint Online Backups

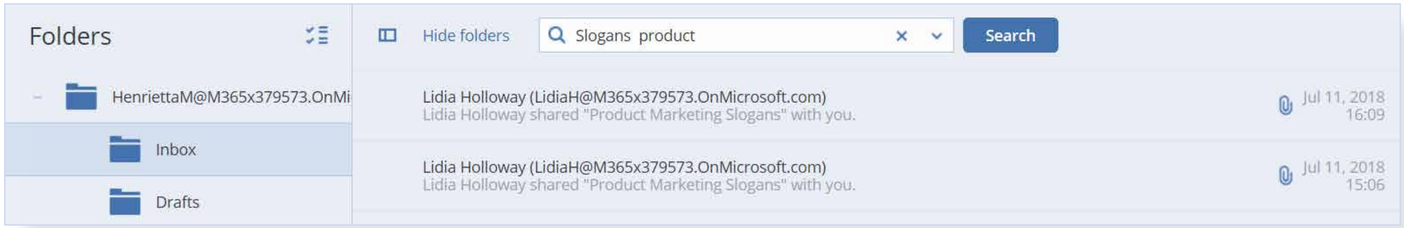
Enhanced search for Mailboxes allows users to search by email subject, recipient, sender and date 1. In addition, users can also search with word forms 2, or with partial information 3.

For OneDrive for Business and SharePoint Online, users can search by site items and file names.

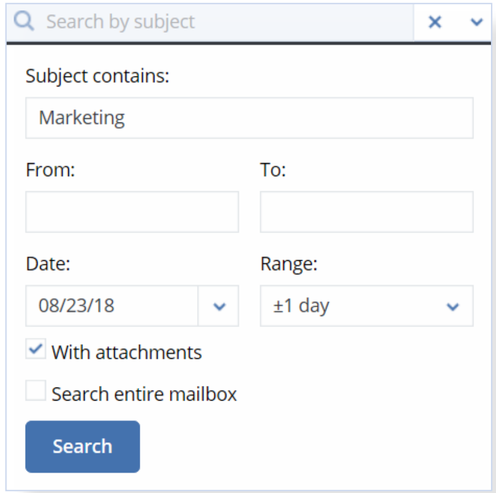
2



3



1



A Data Cloud Management Portal

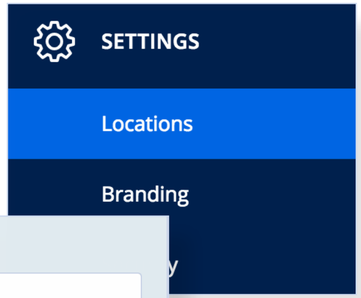
Group Cloud Storages and DR Infrastructures by Locations

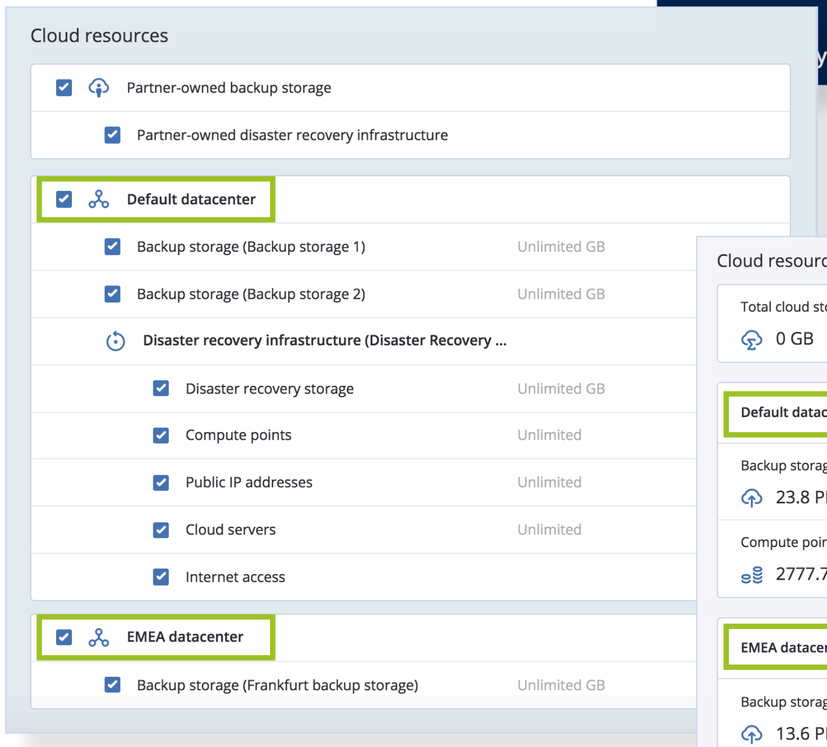
"Location" is a new entity which allows convenient grouping of cloud storages and disaster recovery infrastructures.
It can represent whatever you wish, like a specific data center or a geographic location of your infrastructure components.
You can create locations and populate them with Backup and File Sync & Share storages and Disaster Recovery infrastructures.

Starting with version 7.8, you'll see and be able to use the locations grouping in:

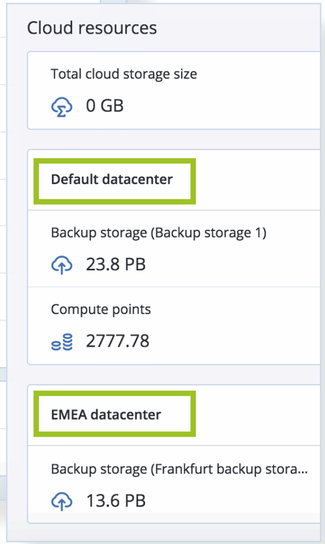
- Tenant creation wizard
- Clients and Users lists
- Usage reports

In the main menu





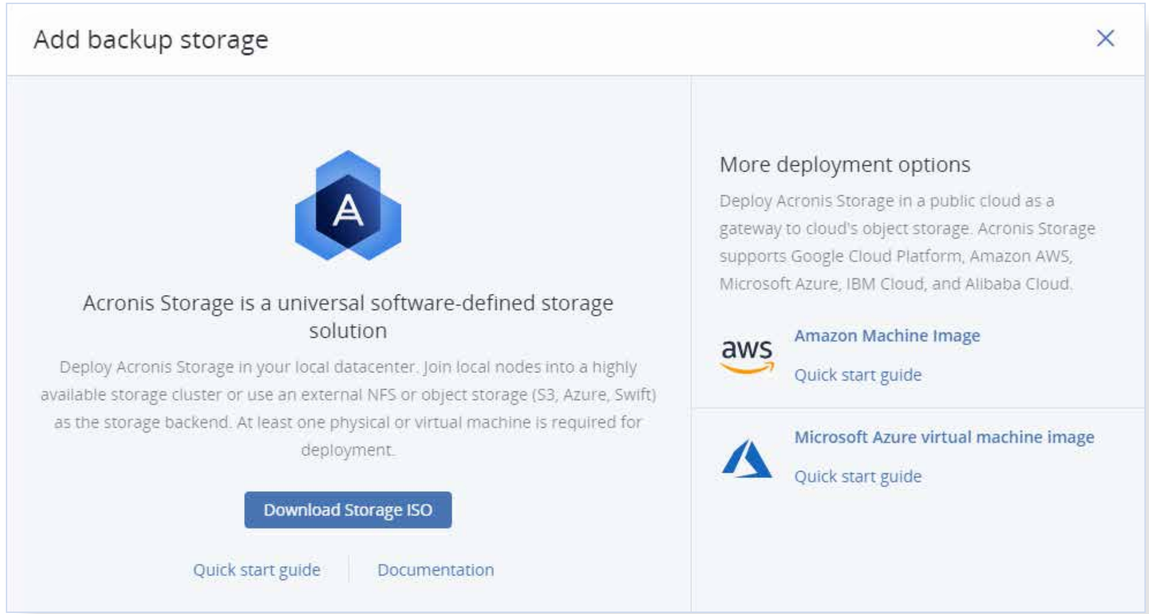
In the tenant creation wizard



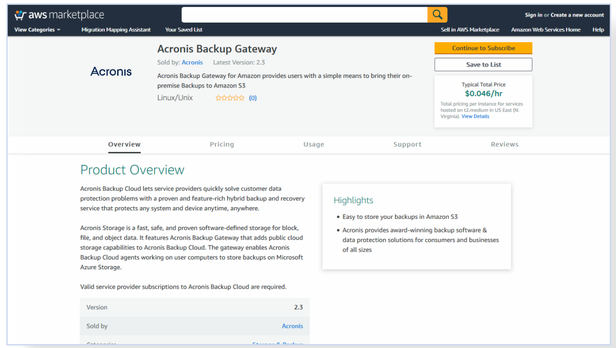
In the overview page

Easily Add Azure or AWS as a Backup Storage Backend

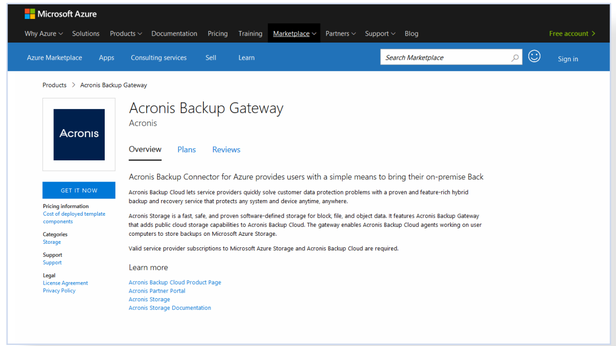
Save time by using the pre-built VM templates for quicker deployment of the Acronis Backup Gateway in public clouds



Amazon AWS marketplace

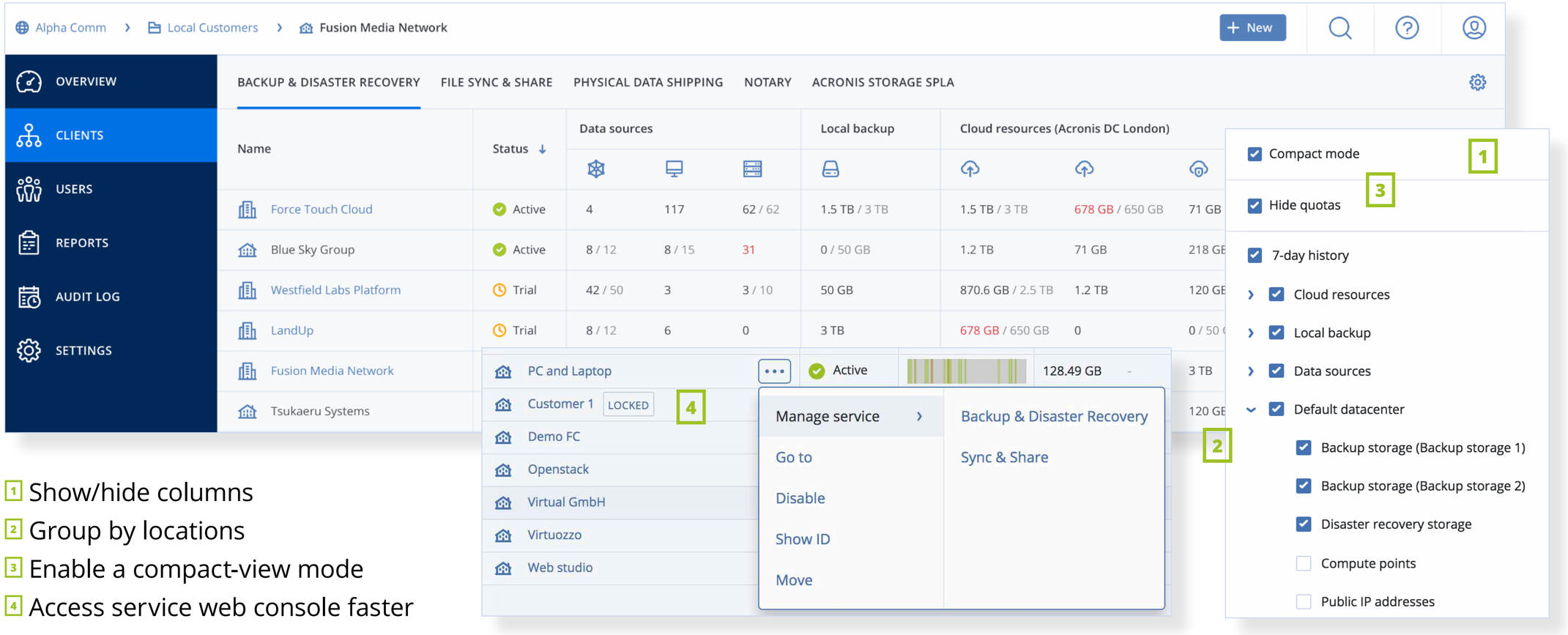


Microsoft Azure marketplace



Manage Clients with Greater Ease

The redesigned "Clients" tab allows you to:

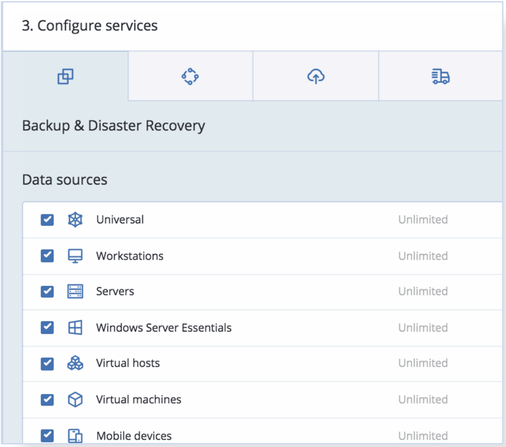


1 Show/hide columns
2 Group by locations
3 Enable a compact-view mode
4 Access service web console faster

Other UX Improvements

Redesigned configuration of services

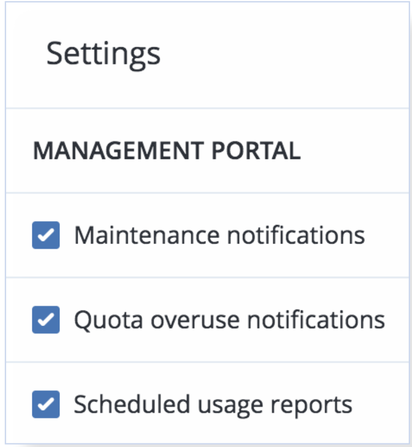
Offering items are now split into categories.



Better notifications settings

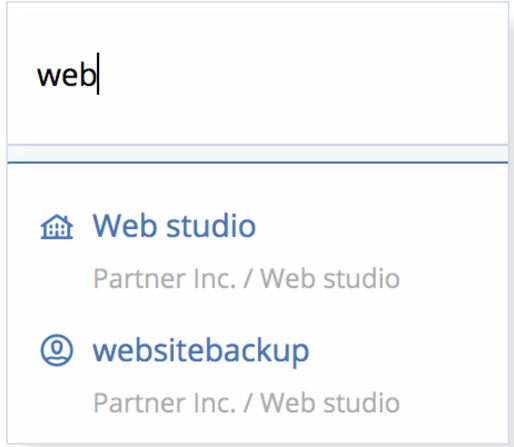
"Business notifications" are now split into:

- Maintenance notifications
- Quota overuse notifications
- Scheduled usage reports



Enhanced search

You can now search by email, first name, last name, and tenant's custom ID. The search results contain a path to the object.



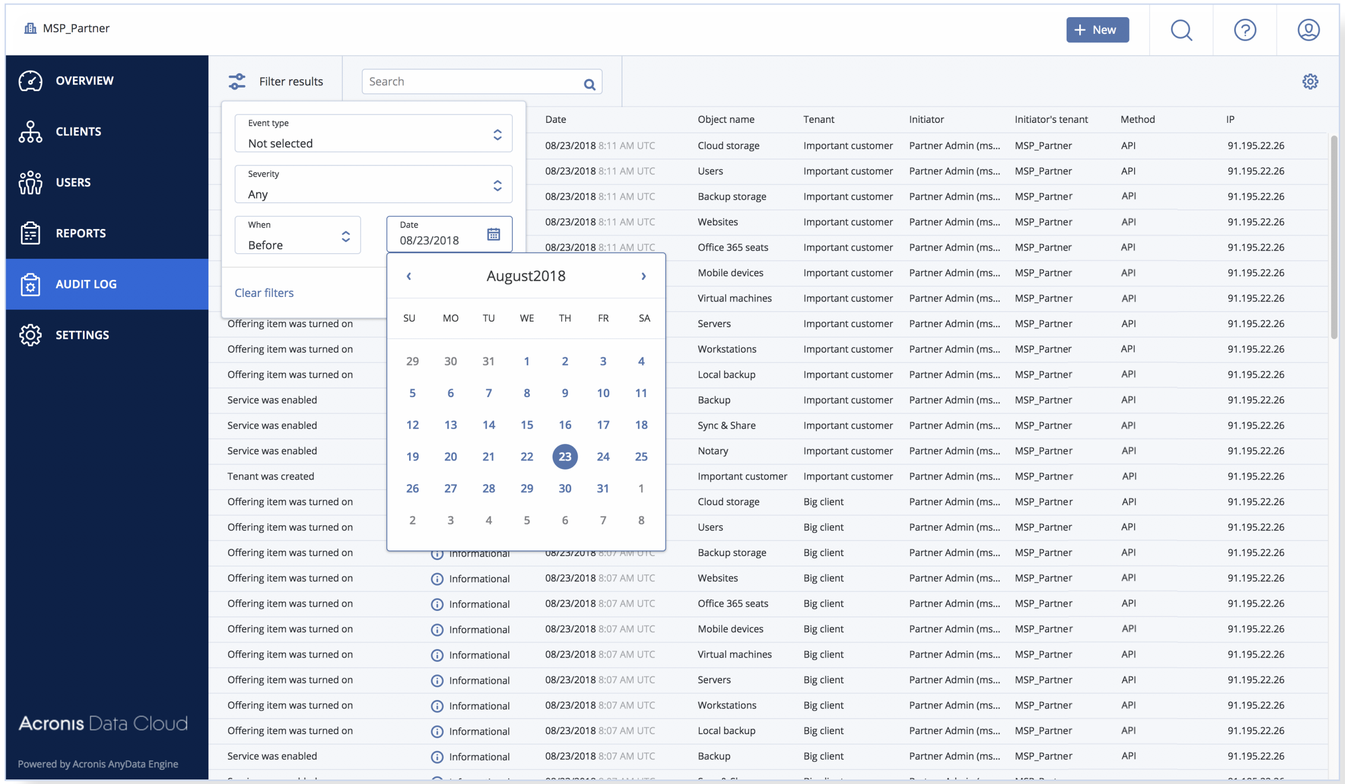
Troubleshoot Faster with Enhanced Audit Logs

Several user-activity events were added to the audit log:

- Sign in and sign out
- Password change
- Email address change

Also, two new event parameters were added:

- IP address of the initiator
- Connectivity method – GUI or the API

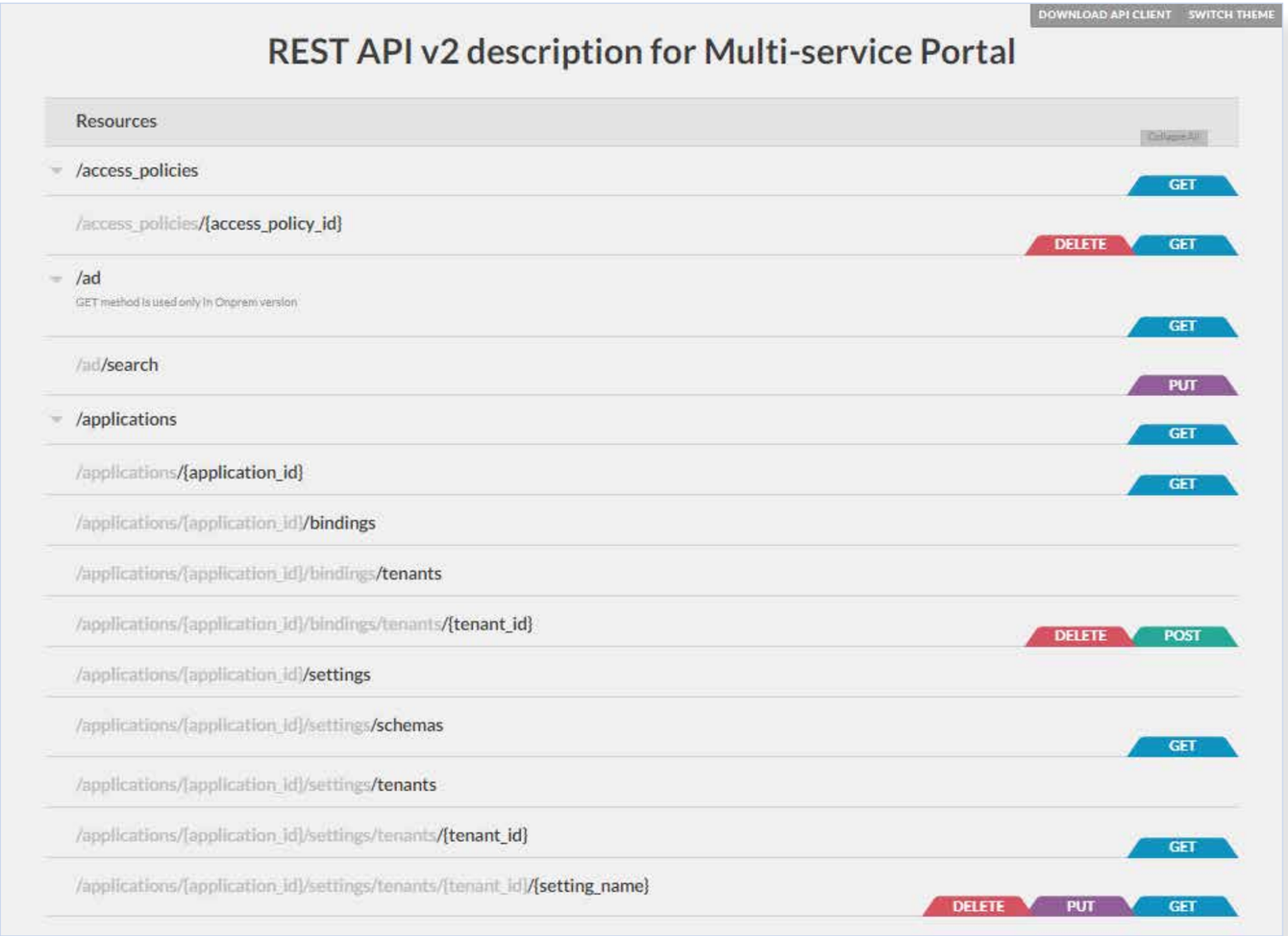


Acronis

API v2 Improvements

What's new in the API v2?

- Methods missing in the API v1 are now available
- Ability to manage pricing
- API integration guide



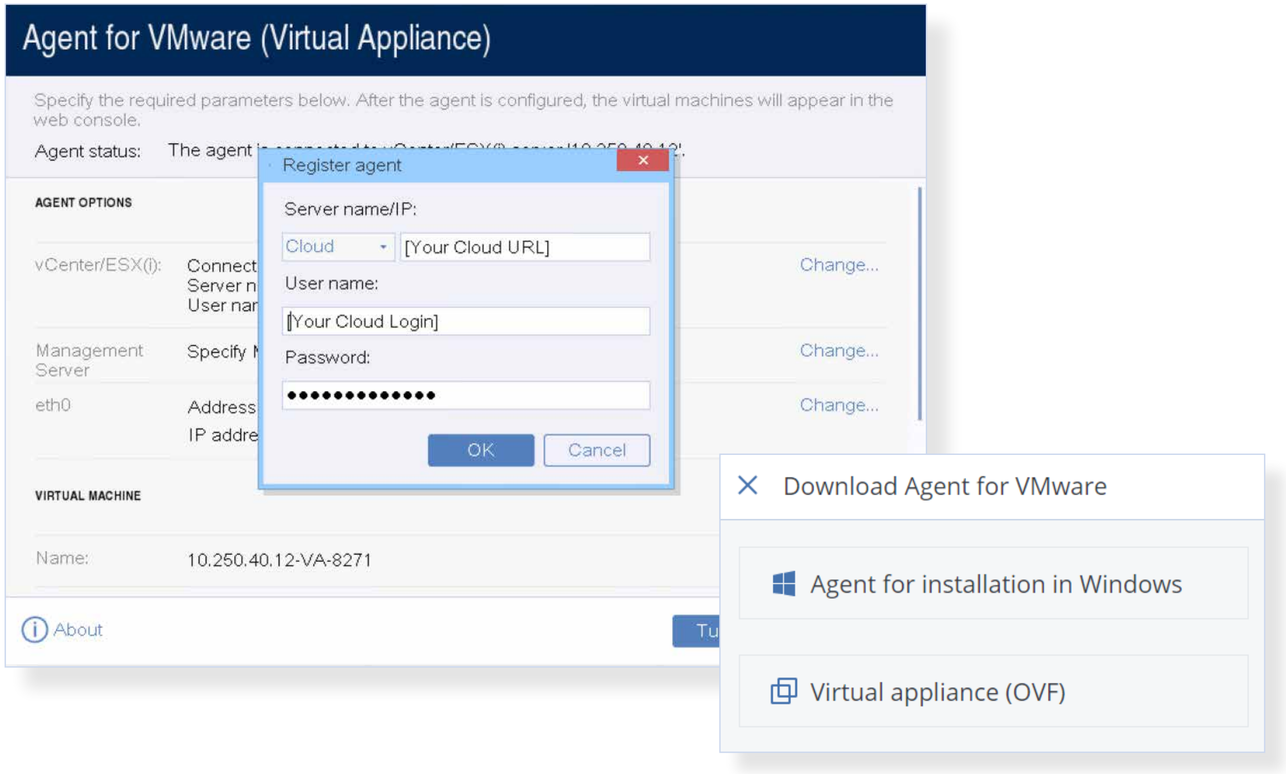
A Backup Cloud

Easier Deployment for VMware-Based Infrastructures with the New Virtual Appliance

The agent for VMware can now be deployed as a virtual appliance directly on the ESXi host – in addition to a regular Windows installation package.

This allows you to:

- Install the agent for VMware faster
- Remove the Windows machine agent requirement

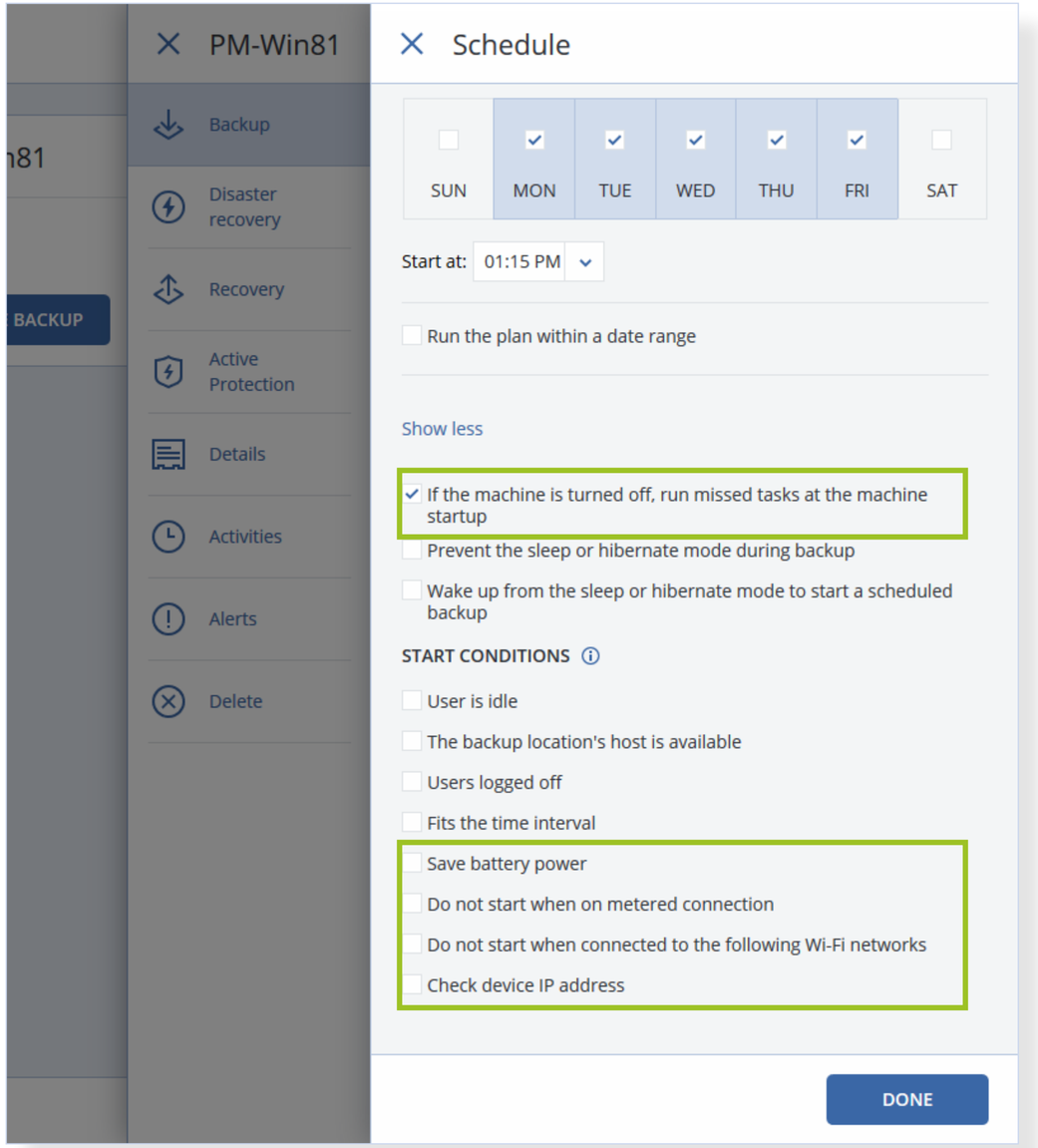


Acronis

Laptop-Optimized Backup Scheduling

New backup scheduling rules for laptops allow you to:

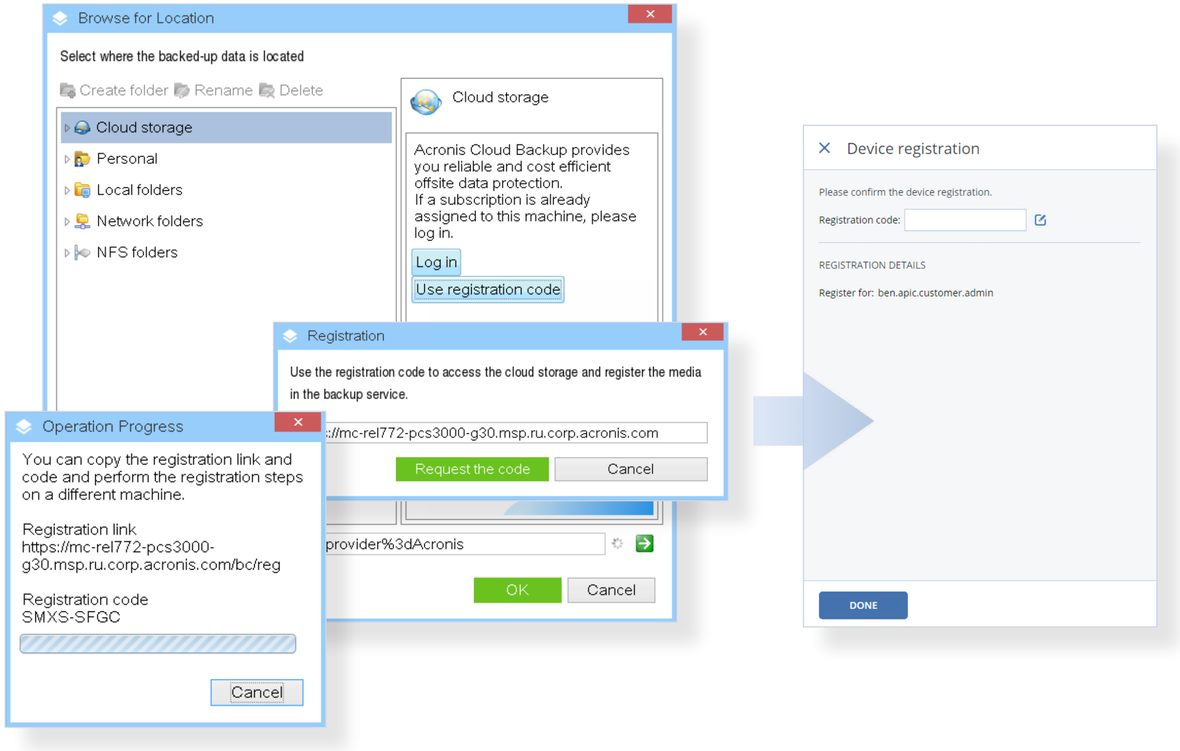
- **Save battery power** by preventing backups when running on battery
- **Prevent backup** over metered connection (e.g. mobile hotspot)
- **Perform backup** jobs only in specific networks by specifying a designated IP range
- **Wake up the machine** or prevent it from sleeping during the scheduled backup



Bootable Media Registration via OAuth 2.0

Access to backups in Acronis Cloud Storage through the bootable media is now available via OAuth 2.0 authentication. Registering the bootable media in the backup service ensures:

- **Straightforward access** to Acronis Cloud Storage backups under the registered media
- **Simplified user experience** – no need to remember login/password
- **Support of 3d-party IDPs** – when credentials are not available in our Account service
- **Authorization code** is more secure than specifying credentials on someone else's machine



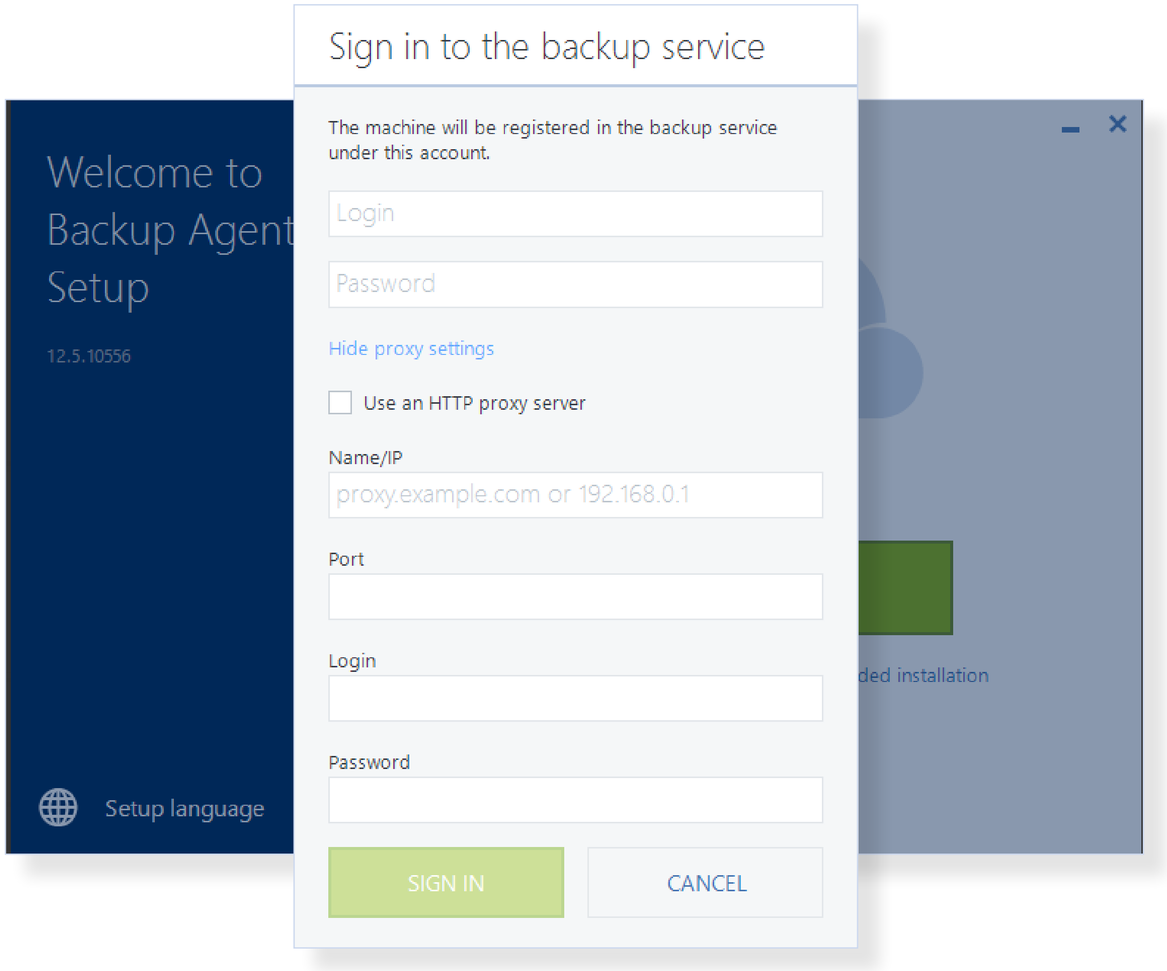
Proxy Server Access Using Credentials

You can now specify credentials when connecting the backup agent to a proxy server.

Add and remember credentials:

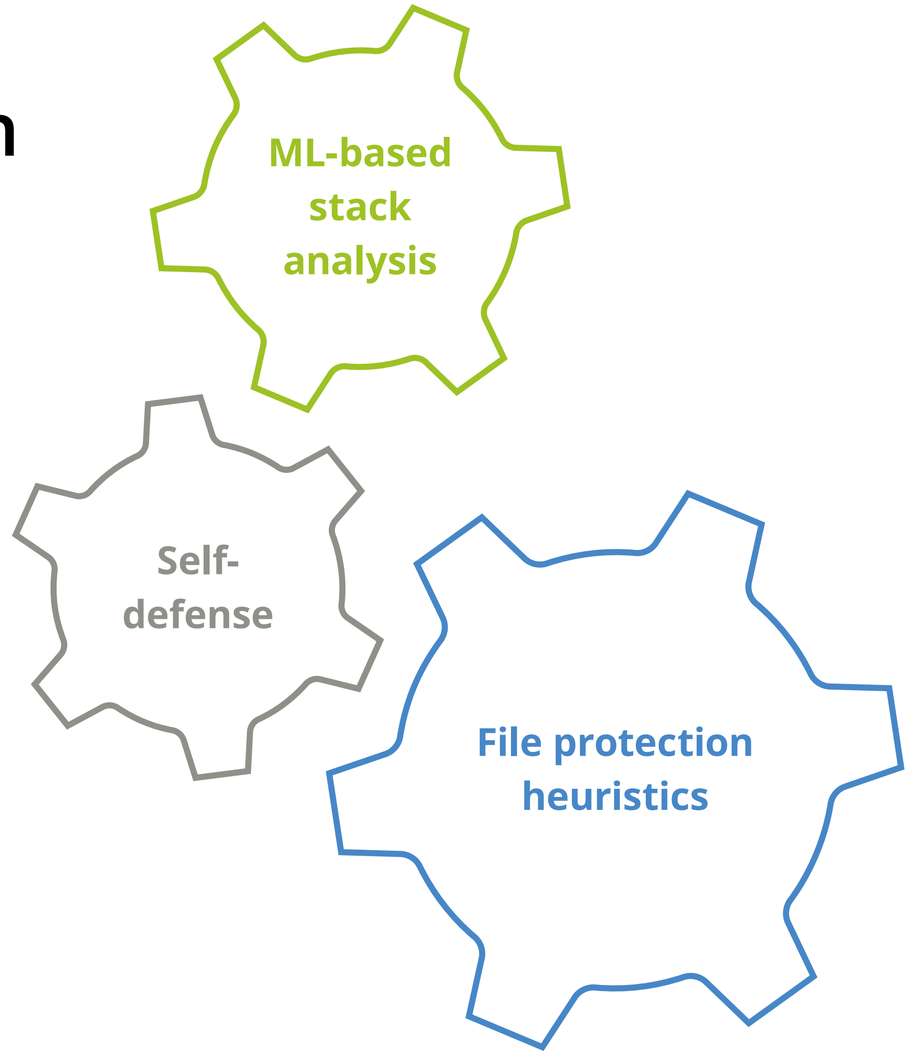
- During agent installation
- In the media builder
- In the media itself (including with restore from reboot)

Note:
Only tunnel-type proxies are supported (using HTTP CONNECT method). Man-in-the-middle proxies are not supported.



A
Active Protection

Acronis Active Protection: Improved Ransomware Detection

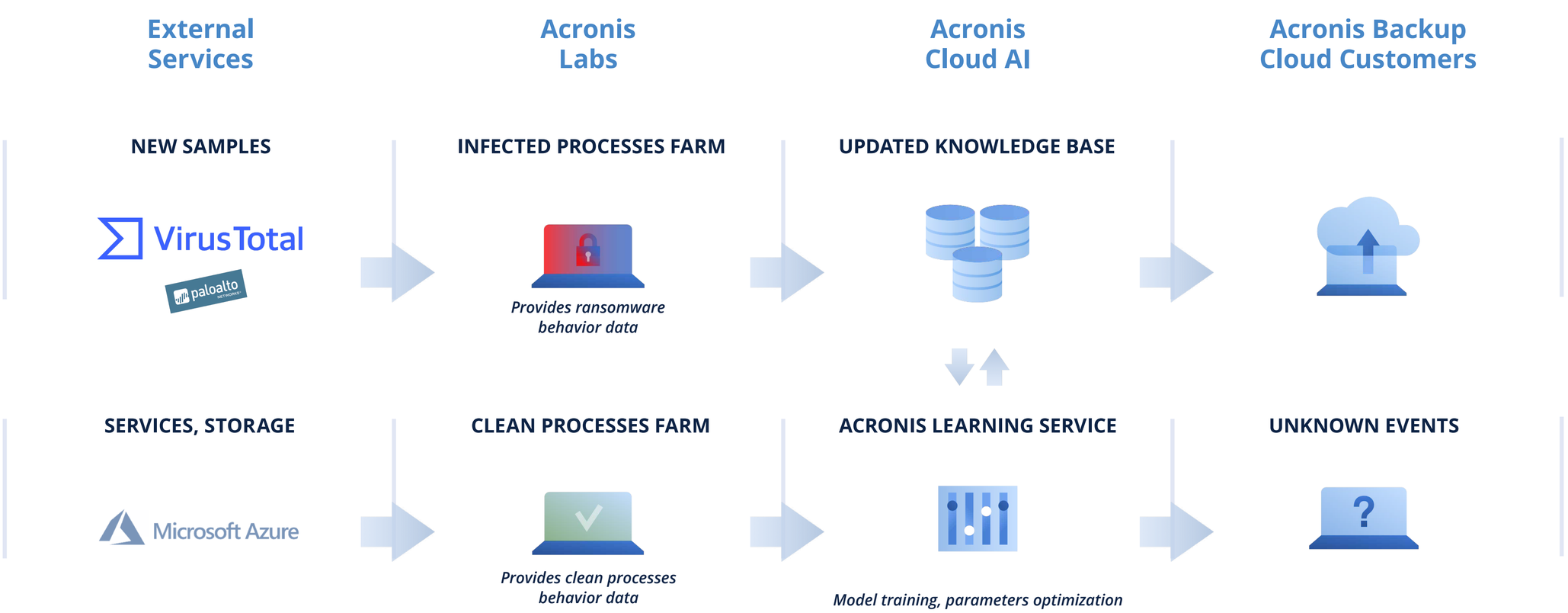


Acronis Active Protection monitors for malicious activity, stops questionable behavior, and automatically recovers damaged files

In version 7.8 we've improved machine-learning technology to better recognize known and unknown threats:

- The agent analyzes the machine-memory stack for suspicious processes to find anomalies which look like ransomware, regardless of whether they're designed for servers or endpoints.
- The agent uses machine-learning models trained in the Acronis Cloud AI infrastructure to recognize numerous ransomware types and suspicious behavior and prevent actual ransomware from attacking.

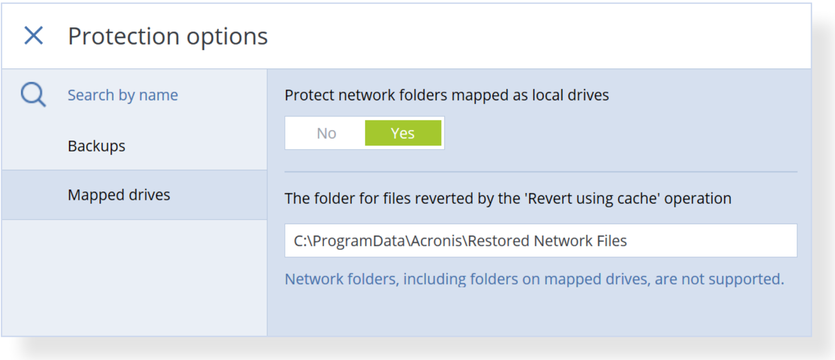
Acronis Active Protection: Learning Infrastructure



Network Shares and Removable Devices Are Now Also Protected

NFS and CIFS (SMB) network shares

Acronis Active Protection monitors attempts to encrypt data stored on mounted network folders. Acronis Active Protection detects malicious activity, stops it, and automatically recovers data on network shares (just like on local drives).



External drives and removable devices

Acronis Active Protection now scans added devices to prevent ransomware infiltration into protected device and the corporate network:

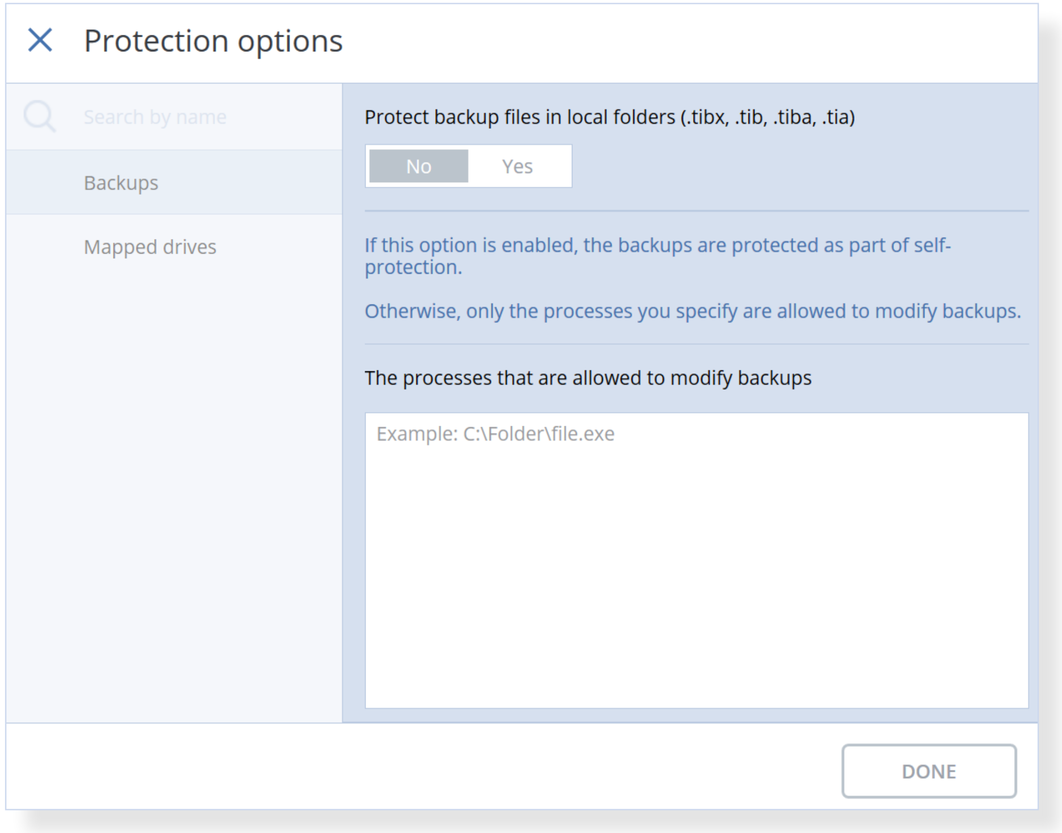
- USB flash drives
- External USB HDD drives
- Memory cards
- Photo and video and other media devices if they are mounted as volume

Smarter Self-Protection

Acronis Active Protection monitors and prevents all unauthorized changes to its locally stored backup files

With the 7.8 release you can:

- Enable/disable access to backup files for specific processes (i.e. for FAR.EXE)
- Move backup files between folders without jeopardizing protection of the whole system

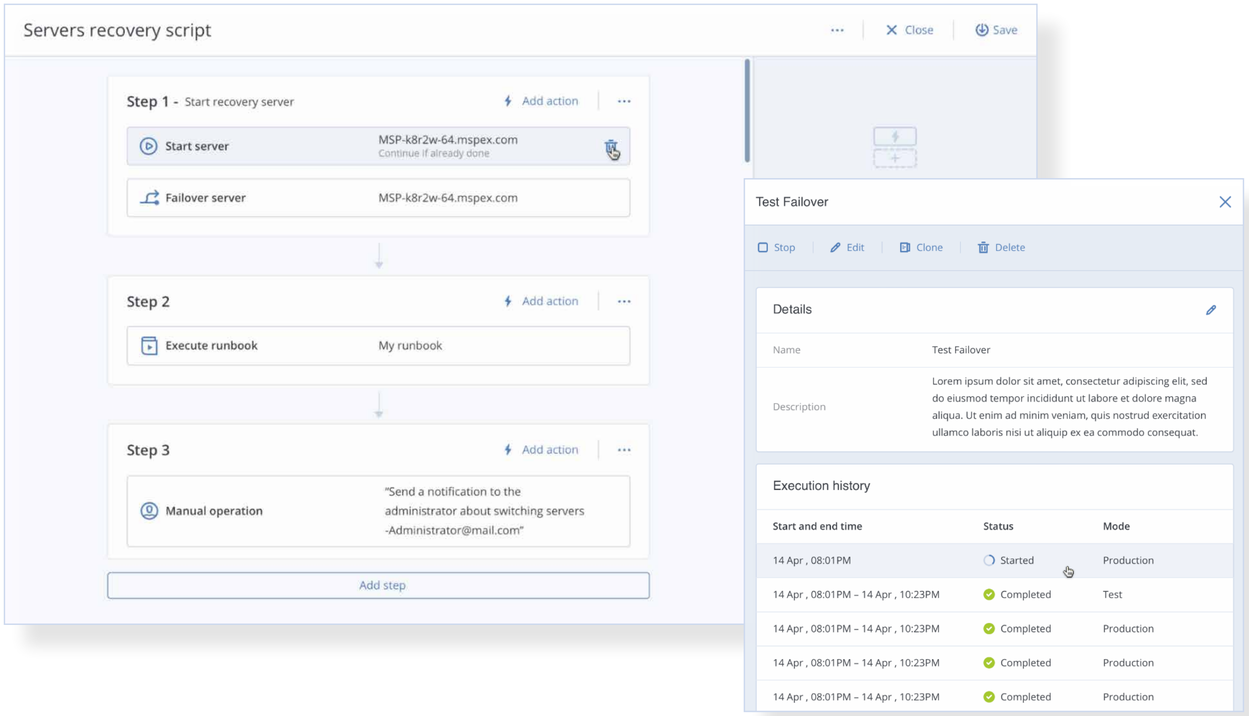


A Disaster Recovery Cloud

Simplify and Automate Complex Disaster Recovery Plans with Runbooks

The new runbooks feature simplifies and speeds up failover of multiple machines to a cloud recovery site.

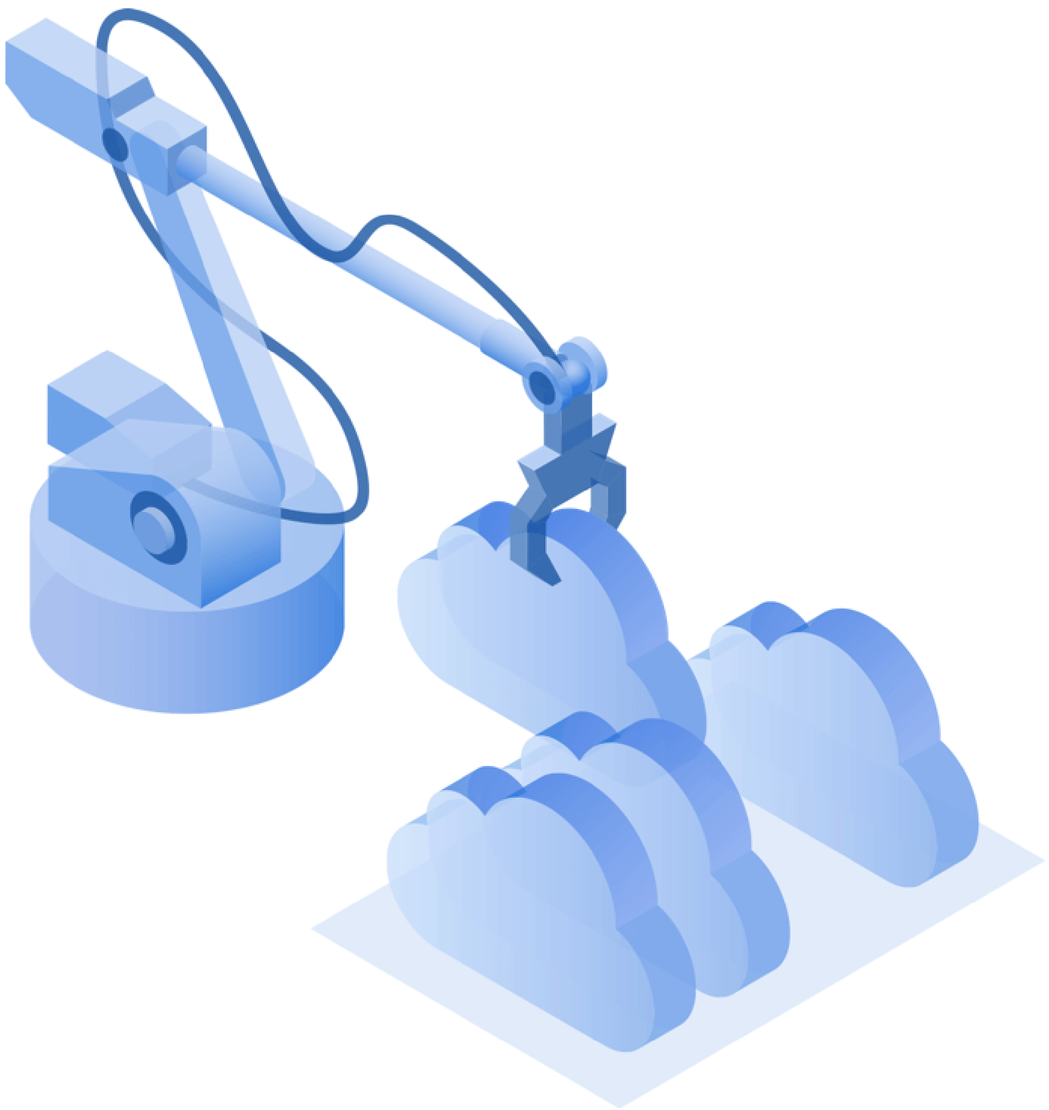
It allows efficient operations to automate failover and testing and ensures the systems are recovered in the right order to address interdependencies between applications on different machines.



Why Use Runbooks?

Runbooks allow you to:

- **Automate failover** of one or multiple servers
- **Set the sequence of operations** for servers running distributed applications
- **Verify the integrity** of your disaster recovery solution by executing runbooks in the test mode
- **Automatically check the failover result** by pinging the server IP and checking the connection to the specified port
- **Include manual operations** in the workflow



Runbooks: Key Features

Design

Use the intuitive **drag-and-drop editor** to define groups of machines and sequences of action with these groups

Test

Verify the integrity of your disaster recovery plans by executing runbooks in the **test mode** in the web console

Execute

Execute runbooks in a few clicks when the real disaster strikes and minimize RTOs with fast **failover and failback** of multiple servers

Monitor

Gain disaster recovery orchestration visibility with a detailed runbook **execution real-time view** and **execution history**

Improve SLAs with Faster Failover to the Cloud

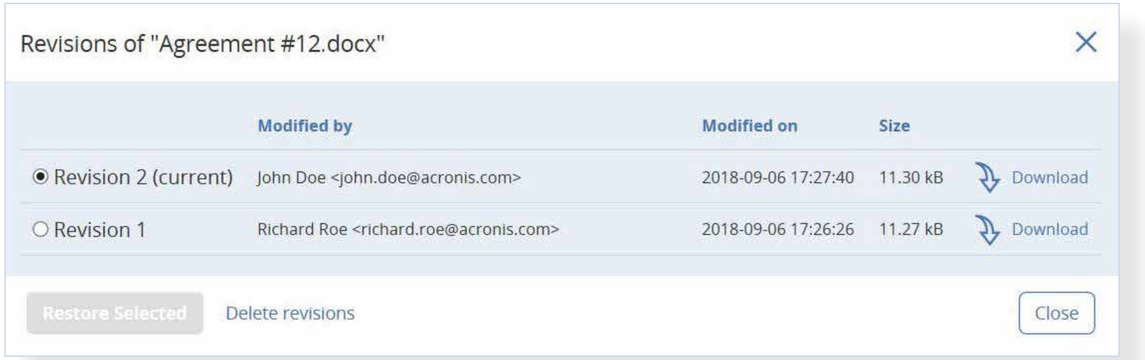
The new RunVM engine significantly improves production and test failover speed, so you can meet tighter RTO requirements and improve SLAs

A Files Cloud

Acronis Files Cloud Enhancements

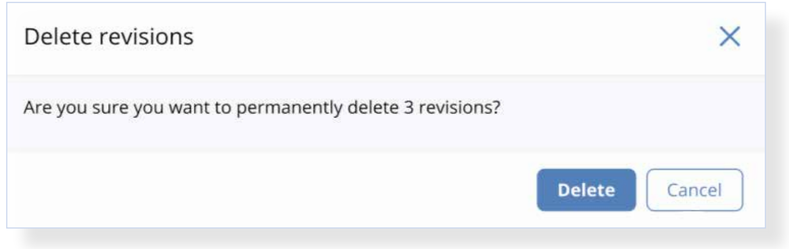
File revisions can now be deleted

To make file management more flexible for Acronis Files Cloud users, it is now possible to permanently delete file revisions. All deleted revisions are tracked and added to the audit log.



PDF preview adds convenience

Users can now use a built-in PDF preview option – instead of navigating away to Microsoft Office Online. Service administrators can configure their preferred view.

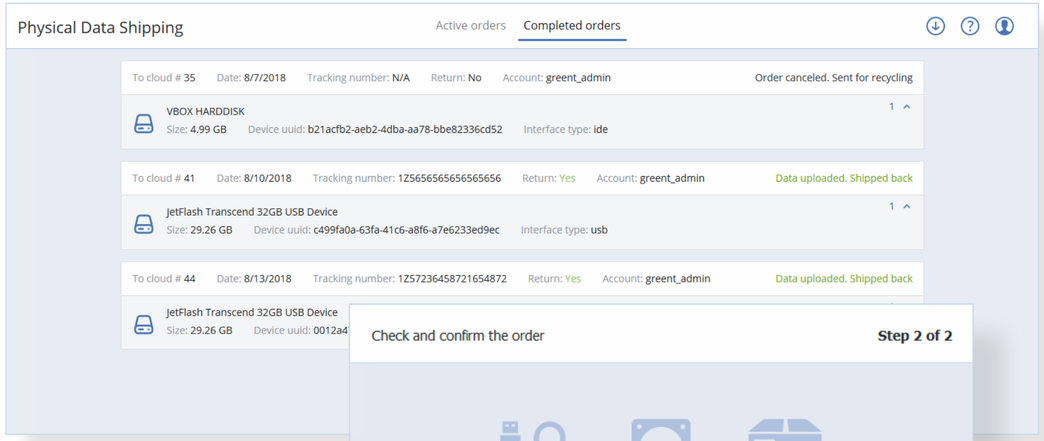


New Service:
Physical Data Shipping

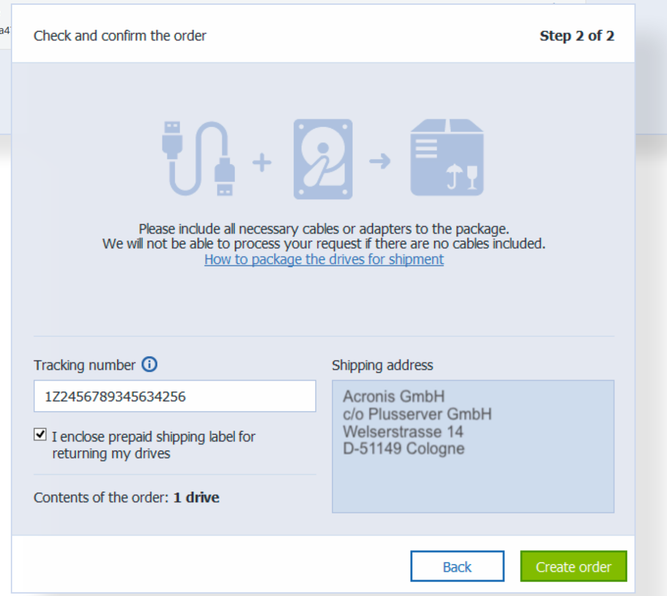
New Service: Physical Data Shipping

Physical Data Shipping is a new service in Acronis Data Cloud. You can perform initial seeding faster by saving the initial full backup to a hard drive on customer premises and shipping it to an Acronis data center.

- **Create a shipping order easily** using the order creation tool for Windows and Linux and track order statuses in the web console
- **Enable cloud backup for slow networks** – the initial backup is transferred physically so only incremental backups must be performed thereafter
- **Be sure no one gets access to your data** during shipping or when stored in the cloud with backup encryption



Physical Data Shipping multi-tenant web console



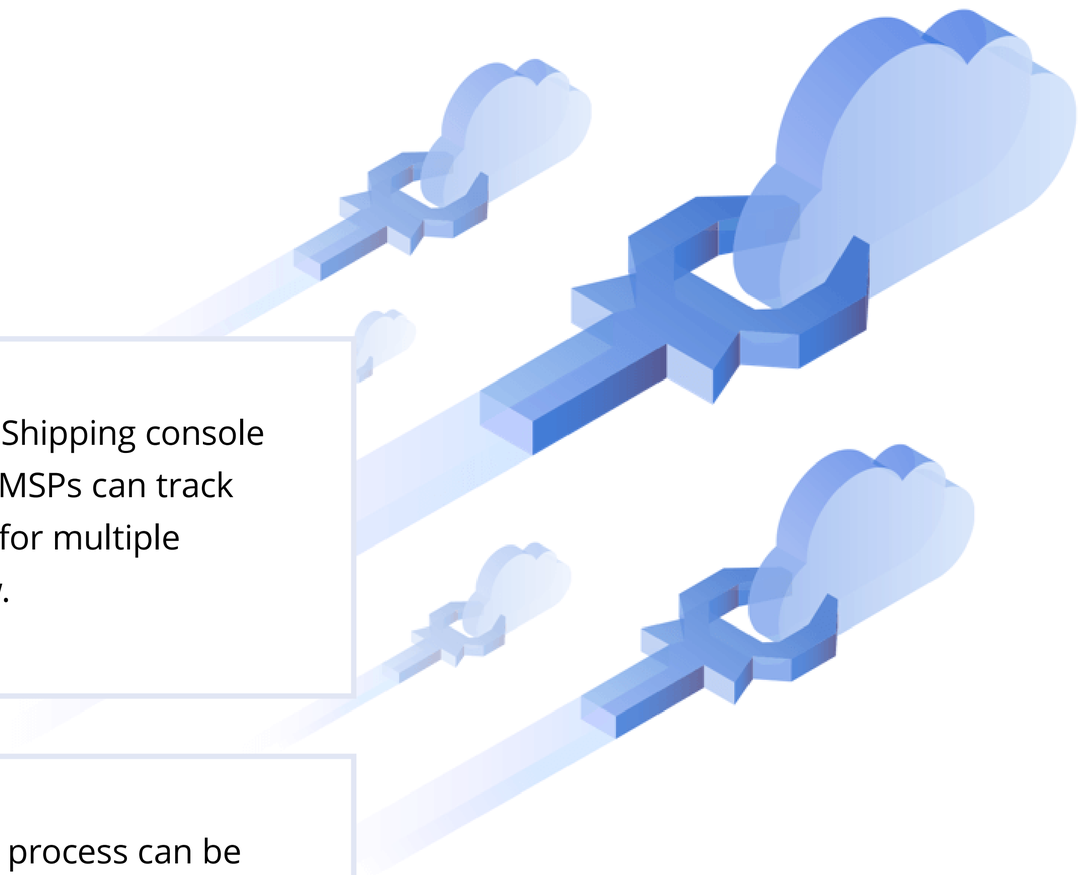
Shipping order creation tool for Windows and Linux

How It Works

1. Create the initial full backup and save it to the hard drive.
2. Create a shipping order using the order creation tool for Windows and Linux.
3. Package the hard drive by following the instructions in the documentation.
4. Send the hard drive via a shipping carrier to the Acronis data center. You can track the order status in the web interface.
5. The Acronis data center personnel receives the drive and uploads the initial full backup to the Acronis storage.
6. Only incremental backups with low network resources consumption will be performed thereafter.

If the return option is enabled, we'll send the hard drive back to you.

Physical Data Shipping: Additional Information



Backup encryption is supported and highly recommended – so there is no chance anyone gets access to the data during shipping.

The Physical Data Shipping console is multi-tenant so MSPs can track shipping statuses for multiple clients in one view.

One hard drive can contain backups of multiple machines, so MSPs can send initial backups of multiple customers in one drive/disk.

The initial seeding process can be performed via by an MSP or by an end customer.

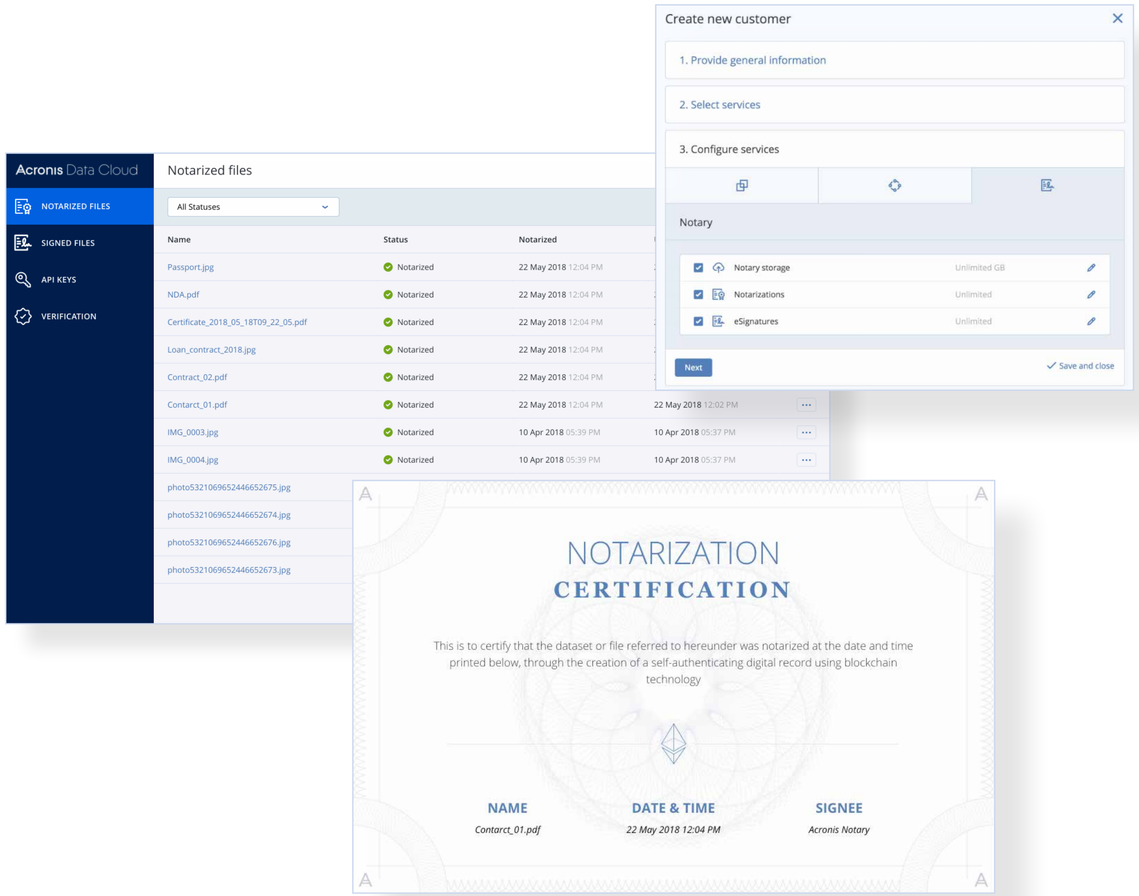
A Notary Cloud

Acronis Notary Cloud

A blockchain-based service for file notarization, e-signing and data verification for businesses of any size. Acronis Notary Cloud creates a unique digital fingerprint for files and stores it in a public blockchain ledger, enabling independent validation of a file's authenticity and existence at a specified date and time.

Allows to:

- **Ensure the integrity of business-critical data**
  Eliminates the need for third parties to guarantee the immutability of data.
- **Achieve greater regulatory transparency**
  Reduces the cost and time necessary to conduct an audit.
- **Reduce the risks to data's security**
  Adds a extra layer of protection that is powered by a mathematical proof.



Ensure data is authentic and unchanged using blockchain technology

Easy to Use Solution to Gain Advantages of Blockchain Technology

Notarization Service

Lets users notarize files of any type and record it in the blockchain ledger

E-signature Service

Enables all required parties to electronically sign files

Verification Service

Once a file is notarized, allows confirmation from any device, at any time

Any Industry. Any Document. Any File.

Beta 2: New in Acronis Notary Cloud

More options for custom branding

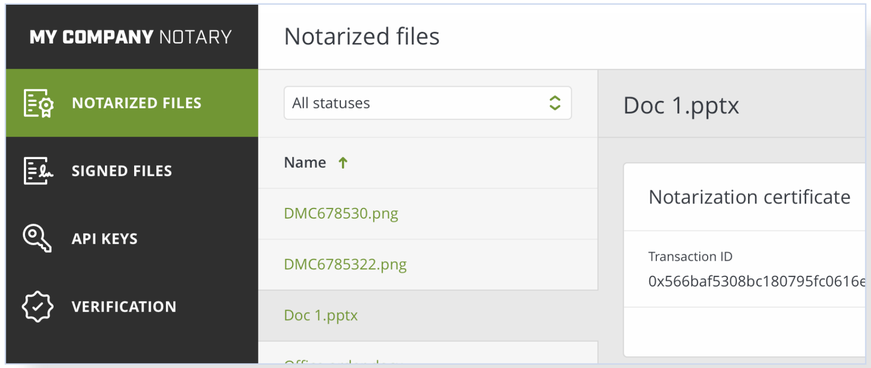
Thanks to the new options for custom branding now it is possible to fully customize the service including its logo, URLs, color scheme and "buy" button.

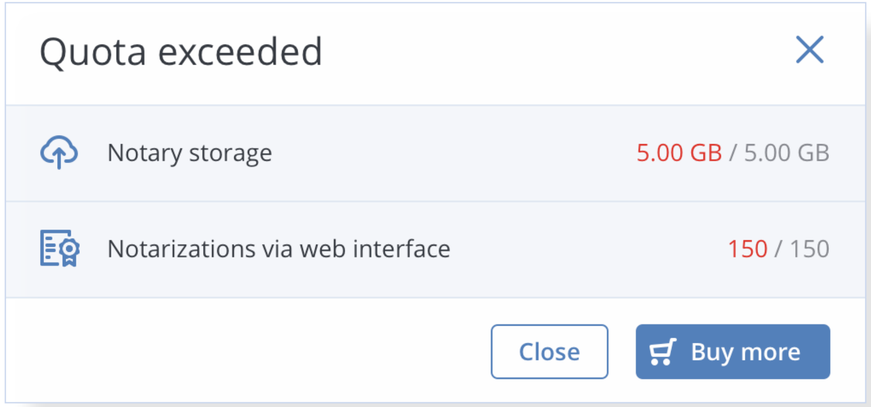
Hard quotas

Acronis Notary Cloud incorporates the ability to set hard quotas for the clients. This feature allows service providers to flexibly adjust licensing and pricing according to business needs.

Management at unit tenant level

Now it is possible to manage the service at the unit tenant level. This feature is very useful for companies with many divisions and regional offices distributed around the globe.





Updated Acronis Notary Cloud Licensing

Offering Item	Licensing Type
Notarization	Per notarized file
Electronic Signature	Per e-signed file
Cloud Storage* To store files and signature certificates	Per GB

Keeping pricing simple

Pricing for transactions via UI or API is the same now. The number of offering items is decreased from five to three in order to simplify and streamline sales process.

Acronis

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

Copyright © 2002-2018 Acronis International GmbH. All rights reserved. Acronis and the Acronis logo are trademarks of Acronis International GmbH in the United States and/ or other countries. All other trademarks or registered trademarks are the property of their respective owners. Technical changes and Differences from the illustrations are reserved; errors are excepted. 2018-09