XOPERO
Backup&Recovery

Easy-to-use, and Secure Backup and Disaster Recovery for Microsoft Hyper-V

Protect and restore data with ONE, complete solution for your Hyper-V environment, ensuring data integrity and inviolability.

Hyper-V checkpoints will not guarantee a full, long-lasting, and secure backup. Increase efficiency, reduce data loss risk, and ensure complete protection for your virtual environment, regardless of the complexity and requirements. Xopero ONE Backup & Recovery for Hyper-V enables flexible backup policies that suit the most demanding business needs.

BOOST HYPER-V BACKUP

Enjoy the benefits of an agentless approach, performance and optimization technologies, that streamline administrative tasks. Focus on your core duties with ease of use. Gain peace of mind knowing your virtual environment is consistently safeguarded and recoverable.

> **Agentless Hyper-V backup:** backup single or multiple Hyper-V machines, including all disk data and configuration files directly from your Hyper-V host/server without any need to install an agent inside each VM.

> **Host/cluster-level backup:** make backup from one to an infinite number of Hyper-V machines, from stand-alone hosts to huge clusters.

> **Fast Incremental backups:** thanks to the Hyper-V Resilient Change Tracking (RCT) Xopero ONE downloads only changed parts of the VM for backup instead of the entire VM. Your backups are faster and save storage space.

SUPPORTED PLATFORMS

Windows Server 2016+
Windows 10+

SECURITY FIRST

ISO 27001
SOC 2 Type II
SAML integration

- **Application-aware backup:** protect the entire VM and keep application data consistent in a copy. With the Volume Shadow Copy Service (VSS), your backups will include all data, even the one from the working apps, and you will have a guarantee that your copy is complete and consistent.

- **LAN-free backup:** reduce the load on your production network and speed up a backup with LAN-free data transfer and no additional optimization.

- **Control backup workloads:** take advantage of task balancing, which can allow you to control the number of machines that are backed up simultaneously, exploit the opportunity to limit the network capacity, and split the backup into many different plans, which can permit you to fully control and manage your workloads.

RESTORE WITH CONFIDENCE, IN MINUTES

Eliminate downtime, and boost the company's agility. Enable immediate access to critical applications and data. Achieve better RPOs and RTOs results to plan your Disaster Recovery strategy better (and faster).

- **Any point-in-time restore:** easily restore not only the most recent Hyper-V copies but also your backups from any point in time due to long-term advanced retention.

- **Whole VM recovery:** recover one or multiple mission-critical VMs to the same or another Hyper-V host or cluster with all disk data and configuration files.

- **Instant Disaster Recovery:** instantly run Hyper-V VMs directly from backup to resume business operability within minutes and eliminate downtime.

- **Test restore:** set a restore plan and schedule to automatically recover the latest copy of the entire machine or run VMs directly from the backup to test performance. Get a report with a screenshot. Instantly verify Hyper-V backups, and measure RTO and plan better your business continuity plan.

- **Ultra-Quick RPOs and RTOs:** perform fast restores with minimal RTO and RPO 15 minutes to eliminate data loss.

NEXT-GEN BACKUP

Explore a diverse set of enterprise-grade features that empower you with flexible policy settings, enhance backup performance, and minimize storage utilization. Effortlessly safeguard even the most intricate virtual or hybrid infrastructure.

> **Policy-based backup:** choose Hyper-V machines you want to protect, storage where you want to keep your data, and backup execution manner. Quickly start protecting your virtual environment. Add many VMs to one plan or one VM to many plans. As you wish.

> **Multi-storage system:** Xopero Cloud, AWS Storage, Wasabi Cloud, Backblaze B2, Google Cloud Storage, Azure Blob Storage, and all S3 compatible clouds or local disk resources, SMB, NFS, CIFS, hybrid or multi-cloud environment - use your cloud or local storage, save money and do not invest in additional IT infrastructure.

> **Advanced backup settings:** set the backup plan that meets your expectations and needs. Use basic or more advanced settings - backup window, retention schemes, compression, encryption, and more - to have control over everything. Backing up even the most complex virtual infrastructure has never been easier.

> **Backup schedule:** perform backups due to set schedules - with a month, week, days, and hours manner. It will run automatically according to your preferences.

> **Backup window:** define the exact time range (days and hours) when the backup is allowed. This time cannot be exceeded. It gives administrators full control over performance.

> **Bandwidth Throttling:** control the bandwidth usage of your backup system within specified plans and prevent disruptions to critical business systems.

> **Advanced backup schemes:** set the backup scheme that meets your company and infrastructure size, policy, and strategy. We offer you a wide range of possibilities - from simple to most advanced ones. Basic, Custom, Grandfather-Father-Son (GFS) and Forever Incremental - choose yours.

> **Backup policy cloning:** need only slight changes in your backup plan for a new Hyper-V? Just copy your current policy, make changes, and assign it to your new machine.

> **Backup compression on source:** choose the preferred compression algorithm and level. Ensure faster backup, less transfer, and network utilization. Reduce storage usage with no impact on data compliance. Get compression of up to 60% - one of the highest on the market.

„(...) managing even the most complex virtual infrastructure and enterprise-class features **has never been so easy and time-saving.**"

- **Global deduplication on source:** the most efficient deduplication method that checks and eliminates the same blocks in backup across all sources and datasets in an organization to perform smaller and faster backups, as well as reduce bandwidth usage and storage consumption.

- **Replication between all kinds of storages:** our replication technology creates native, up-to-date, scheduled copies of your backups between many storage instances (both local and cloud) to improve security, ensure faster data restore, DR, and eliminate vendor lock-in.

- **Flexible versioning and retention:** easily set versioning and retention according to your company's strategy. Store all versions, define the number of copies, or the time a given copy should be kept to optimize storage capacity.

- **Pre/post-backup, post-snapshot scripts:** the system enables to run custom scripts before, during, and after the backup task so administrators can maintain full control over the backup process and craft it to their needs.

DATA-DRIVEN CENTRAL MANAGEMENT

Combine easy-to-use and effective management with precisely designed dashboards for your data protection. SLA sections, roles and access management, visual statistics, advanced logs, and more - anytime, anywhere.

- **Web-based central management:** manage your virtual environment protection through a web-based central management console and have access anywhere, anytime, at your fingertips.

- **Multi-level management:** add new accounts, set roles, and privileges to delegate responsibilities with your team and administrators. Grant or limit permissions to each account to have more control over access, and data protection.

- **Easy monitoring:** track all actions performed in the system with email reports, audit logs, and visual statistics. Easily monitor the status of your backup plans and if needed - react immediately.

- **The most user-friendly interface:** take advantage of the super-easy and intuitive interface of our central management console. Pretty dashboards, SLA reports, Compliance section, visual statistics, real-time actions - all at your fingertips. Once you see it, you won't even take a look at another one!
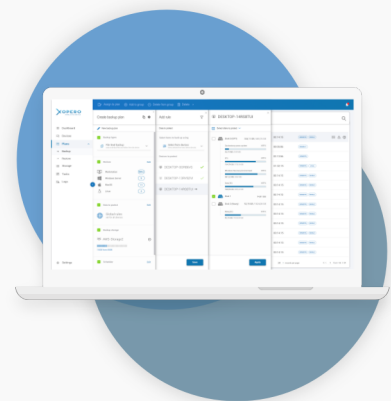
LEADING BACKUP **PROVIDER**

60+
countries

1M+
protected devices

200k+
satisfied customers

14yrs+
of market presence

15+PB
of data

The enterprise-class backup solution

START 30 DAYS FREE TRIAL

UNMATCHED SECURITY

We offer more than Hyper-V backup. Our solution brings multiple layers of immutability, limiting both the negative effects of ransomware and the threat spreading across the storage. Have peace of mind and data resilience guarantee.

> **AES backup encryption:** your data is encrypted - simply choose your encryption level and make sure nobody can decrypt your confidential information.

> **Encryption in-flight and at rest:** we encrypt your data in-flight before a VM even leaves your host and at rest in the repository so it's protected either during backup execution or at rest on your storage.

> **Zero-knowledge encryption:** Xopero ONE Agent does not have any information about the encryption key - it receives it only when performing a backup. Moreover, it is stored in a different location than your backups so it is impossible to access your data by anyone.

> **No single point of failure:** our solution simply enables the communication between the agent and storage, and does not take part in the backup process. You can lose access or configuration but as long as you have your encryption key you can restore all the data.

> **Immutable storage:** take advantage of WORM-compliant storage technology that writes each file only once and reads it many times. It prevents data from being modified or erased and makes them ransomware-proof.

> **Non-executable data in the copy:** Xopero ONE compresses and encrypts your data making it non-executable on the backup storage. It means that even if ransomware will hit your files on the backup source, it will be impossible to execute these data in the storage.

> **Limited access to storage credentials:** thanks to authentication control there is no way for ransomware to access your data storage even if the source machine is infected.

> **Authentication with IdPs and SAML:** control authentication and authorization processes due to our integration with external identity providers - Auth0, Azure AD, Okta, CyberArk, or Google, using SAML (Security Assertion Markup Language) standard. The new service is available from the System Administrator level - from here you can easily add, modify, and remove external identity providers.

In Q3 of 2022, the average downtime for businesses as a result of a ransomware attack was **25 days.**

- According to Coveware.

The average cost of IT downtime is **$9,000 per minute.**

- According to Ponemon.

Contact

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