SUPREMO®

Automatic archiving and backup of files on the Microsoft Azure platform

Use the organization's proven data security tool, integrated with well-known solutions such as Windows Server Backup and System Center Data Protection Manager. Choose a complete, secure and effective Azure Backup data protection mechanism equipped with an encryption mechanism, incremental copies, as well as the function of intelligent use of transmission bandwidth.

A challenge for the organization

The organization's data protection is one of the IT department's priorities, however, the complexity of the IT infrastructure and its dispersed nature mean that cyclical copying of data to an additional medium in the form of HDDs, DVDs or tapes ceases to be effective. The implementation of a backup policy is best approached in a comprehensive manner using proven tools and a warehouse that will meet the requirements of security standards, e.g. ISO (e.g. indicating storage of backup copies in a different geographical location and the need to encrypt data).

Intelligent mechanism for archiving distributed infrastructure data:

1. Install the Azure Backup agent and select the resources to protect

2. Set a schedule and rules for making a backup copy

3. Store data in Azure storage (locally or geographically redundant)

4. Restore selected files or entire disks

A tool adapted to the model and needs of your infrastructure

The Azure Backup service is a set of tools that support both uncomplicated and complex hybrid IT infrastructure. In order to implement the backup policy, the administrator can use the Backup Agent (MARS), Azure Backup Server, Azure Backup for Microsoft Azure virtual machines or Microsoft System Center DPM:

Azure Backup Agent (MARS) - it is an autonomous application that, according to the established policy, makes a backup copy of the indicated files / folders, secures them (encrypts), and then sends them to a secure location (Azure Storage). The backup copy is made in an incremental model, thanks to which we effectively use disk space on the Microsoft Azure platform. Azure Backup also allows you to restore selected files to the specified or original location.

Azure Backup Server - this is an application supporting the operation of the Azure Backup Agent used for large-scale local infrastructure. Azure Backup Server can mediate communication between locally secured workstations and Azure Storage. Azure Backup Server also backs up key Microsoft applications such as Microsoft SQL Server, Microsoft Exchange, Microsoft SharePoint (regardless of whether they are running as part of Hyper-V, Vmware or local virtualization), as well as the Hyper-V server itself.

Azure Backup for Microsoft Azure virtual machines - a dedicated service to secure virtual machines (IaaS) running as part of the Microsoft Azure platform.

Microsoft System Center Data Protection Manager (DPM) - one of the components of the Microsoft System Center package - a solution for creating backups in physical and virtual environments for SQL Server, Exchange, SharePoint, virtual machines and files.

Benefits of using Azure Backup

- Compliance with the requirements of the "Off-Site" backup copy while eliminating tapes and the procedures for their transport and storage outside the company's main location.
- Effective restore of selected files, folders or entire disks to a new or original data location available to the administrator and user.
- SLA availability guarantee up to 99.99%.
- Unlimited storage space (no dimensioning problems).
- Lower costs of data storage due to fees only for the Azure Storage space used.
- Compliance with standards (including ISO / IEC, SOC, CSA, PCI, DSS).