



Basic Security Tips

Synology NAS – M365 Integration

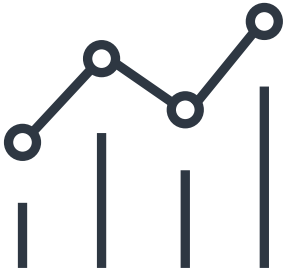
Demetris Alexiou

Sales Administrator – Solution Services

Contents

- Security Challenges
- Backup and restore
- SaaS Account Backup
- M365 – Synology Integration

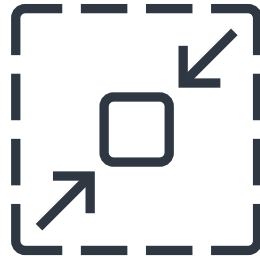
Challenges



Growing data
volumes



Cybersecurity
threats



Rationalizing
investments



Costs to keep
down



Geopolitical
issues

The 3-2-1 backup model

3

copies of your
data

2

different
devices

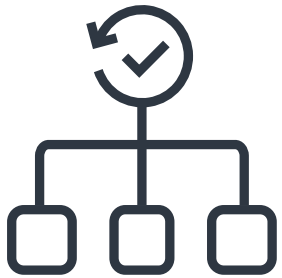
1

offsite
copy

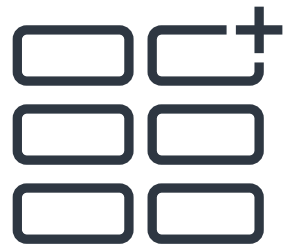
Protect your digital assets

- Endpoints
- Servers
- VMs
- Applications
- SaaS services from Microsoft / Google

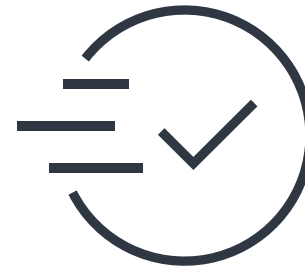
What companies need



Large
compatibility



Scalability &
futureproofing



High performance



Affordable for
any budget

Compatibility – Local devices

A very large **compatibility** with many platforms

Virtual machines

vmware

Microsoft
Hyper-v

Physical devices


 Windows PC


 Windows Server

 Linux

 MacOS

File servers & NAS


 Synology NAS


 Netapp ONTAP

 Nutanix Files

 SMB shares

Applications

 Exchange server

 Active Directory

 SharePoint server

 Oracle

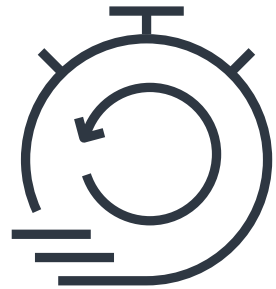
 MySQL

 Microsoft SQL

Key features - Backup



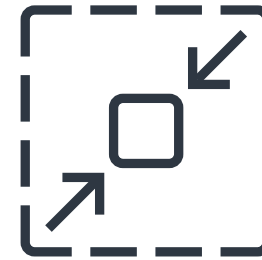
Bare-metal
incremental
backups



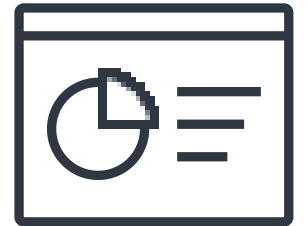
Flexible scheduling



Centralized interface



Compression &
déduplication

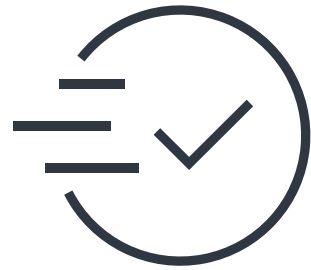


Notifications &
reporting

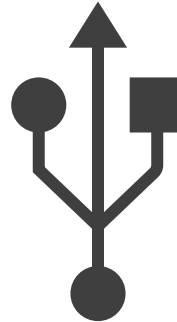
Key features - Restore



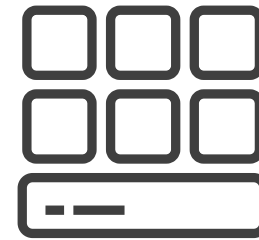
Granular restore
through Portal



Self-service restore



With a
USB device



To an hypervisor



To Synology's VMM
hypervisor





Why would you backup your SaaS accounts?

- **Independence** from policies of SaaS providers
- Avoid **human errors** or **data tampering**
- **Legal obligations** to keep some data
- **Archiving** older accounts' contents
- For **geopolitical reasons** or **data ownership**





Compatibility - Services SaaS

Protect your **SaaS** data from Microsoft 365 / Google Workspace

Microsoft 365

-  OneDrive for Business
-  Exchange Online
-  Sharepoint Online
-  Microsoft Teams

Google Workspace

-  Google Drive
-  Gmail
-  Contacts
-  Calendars

Cloud backup - Hybrid or SaaS?

Hybrid backup

Local backup with additional Cloud backup

Requires a dedicated NAS

More maintenance

Dual backup for redundancy



SaaS backup

Cloud backup only

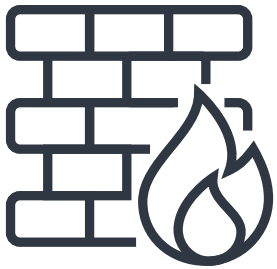
Serverless, easier to deploy

No hardware maintenance

More flexible



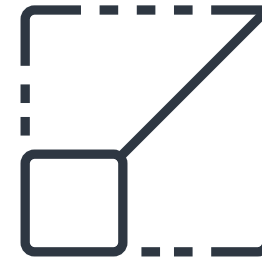
Backup to the cloud



Protection against
disasters



Less infrastructure to
manage

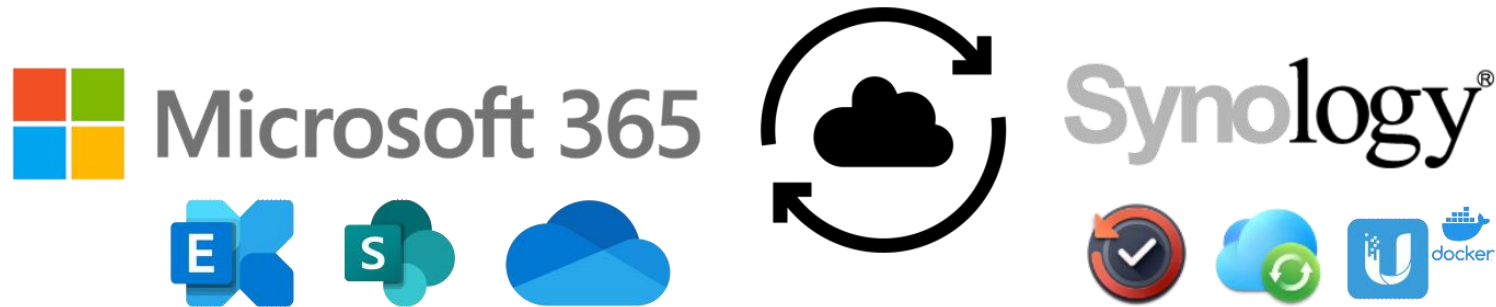


Storage
flexibility



Gradual investment

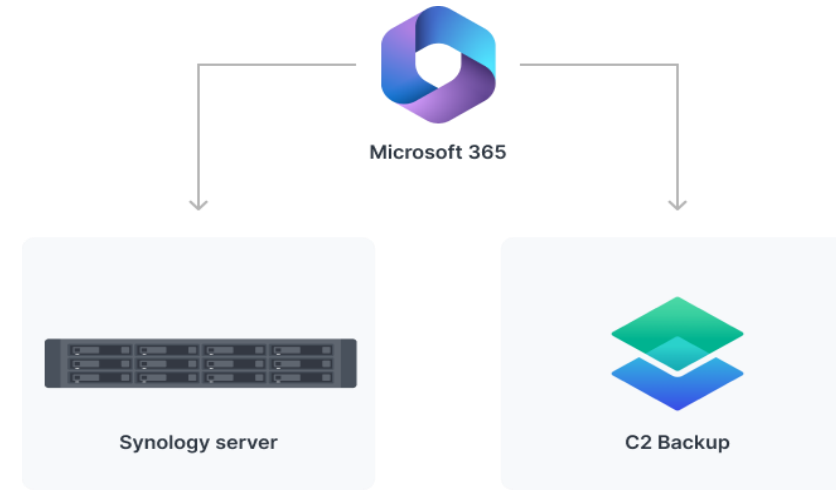
M365 Data Backup



Why backup Microsoft 365 data?

- Shared Responsibility Model: Users, not Microsoft, are responsible for data protection.
- Data Breach Risk: 85% of Microsoft 365 email data is at risk of compromise
- Potential Loss: Exposing SaaS data can be very harmful to companies
- Data Control: Backup ensures compliance, prevents ransomware and lost data recovery

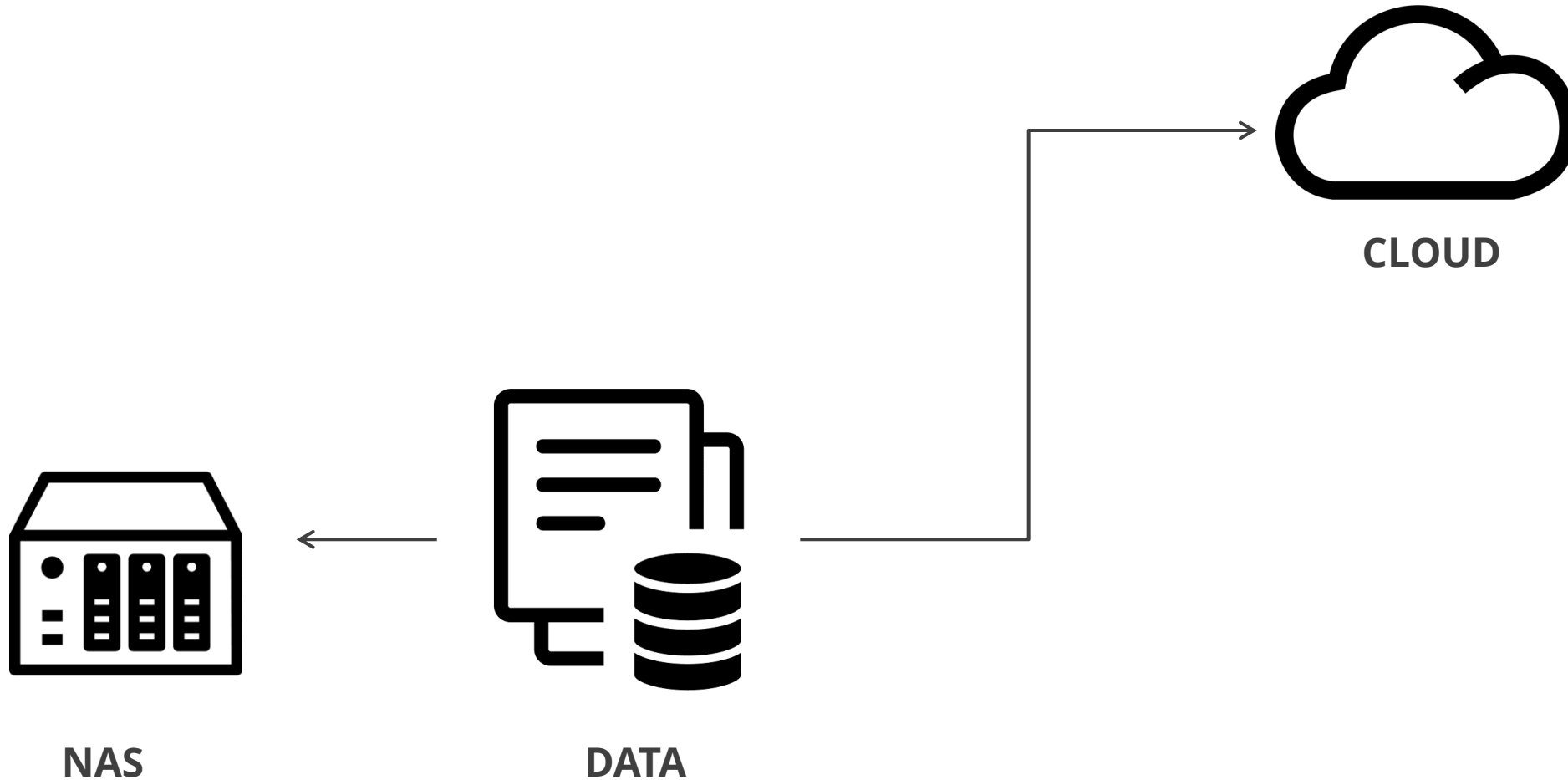
Synology M365 Backup Solutions



How can Synology service your protection needs?

- **Comprehensive coverage:** Backs up essential M365 services, including Exchange, Onedrive, Sharepoint and Microsoft Teams ensuring complete data protection.
- **Granular Recovery:** Offers user-friendly self-service centralized portal for restoring specific files or emails, reducing downtime by allowing individual users to recover their own data without needing IT assistance.
- **Flexible Storage Options:** Store backups on your NAS with customizable retention policies or sync with Synology C2 Cloud for off-site redundancy and extra protection against local disasters.
- **Encryption and Security:** End-to-end encryption secures data in transit and at rest, ensuring compliance with industry standards and regulations.

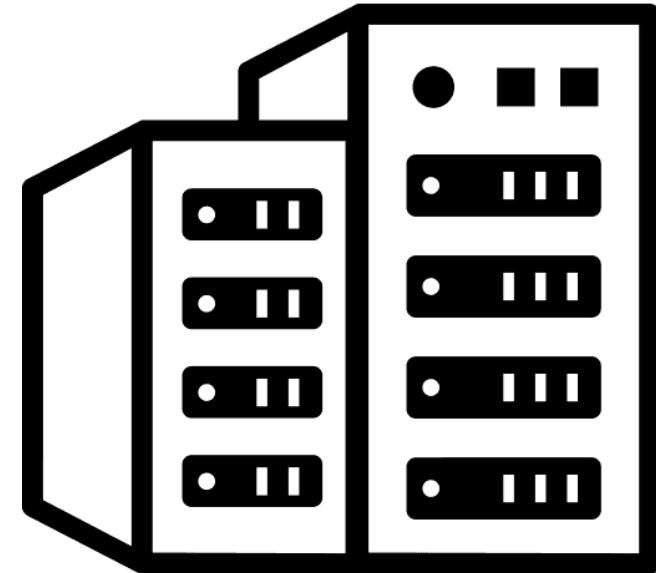
Case #1: Hybrid backup (NAS + Cloud)



Case #2: IBS Synology backup (IBS S2S)



DATA



IBS S2S



Thank you

Synology®