

Data Protection

ActiveProtect Appliance

Secure your data and scale your business with a purpose-built backup appliance.

Proactive cyber resilience for future-proof data protection



End-to-end visibility

Unify backup management across your entire environment, monitor data efficiently, and ensure no visibility gaps.



Advanced security safeguards

Prevent contamination with proactive ransomware detection, recoverability checks, and ensure confidentiality via encrypted volumes.



Fast, flexible recovery

Move data seamlessly across cloud or on-prem platforms for easy access in disaster recovery scenarios.

Automate and consolidate your data protection

Safeguard your SaaS applications, IaaS data, virtual machines, physical devices, as well as databases, and monitor all deployments on a central console.

SaaS



Google
Workspace

IaaS



Virtual Machines

NUTANIX

Microsoft
Hyper-V

vmware®

XPROXMOX

Endpoints



Windows

Linux

File Servers

NUTANIX

NetApp

SMB File Server

Databases

ORACLE

Microsoft
SQL Server

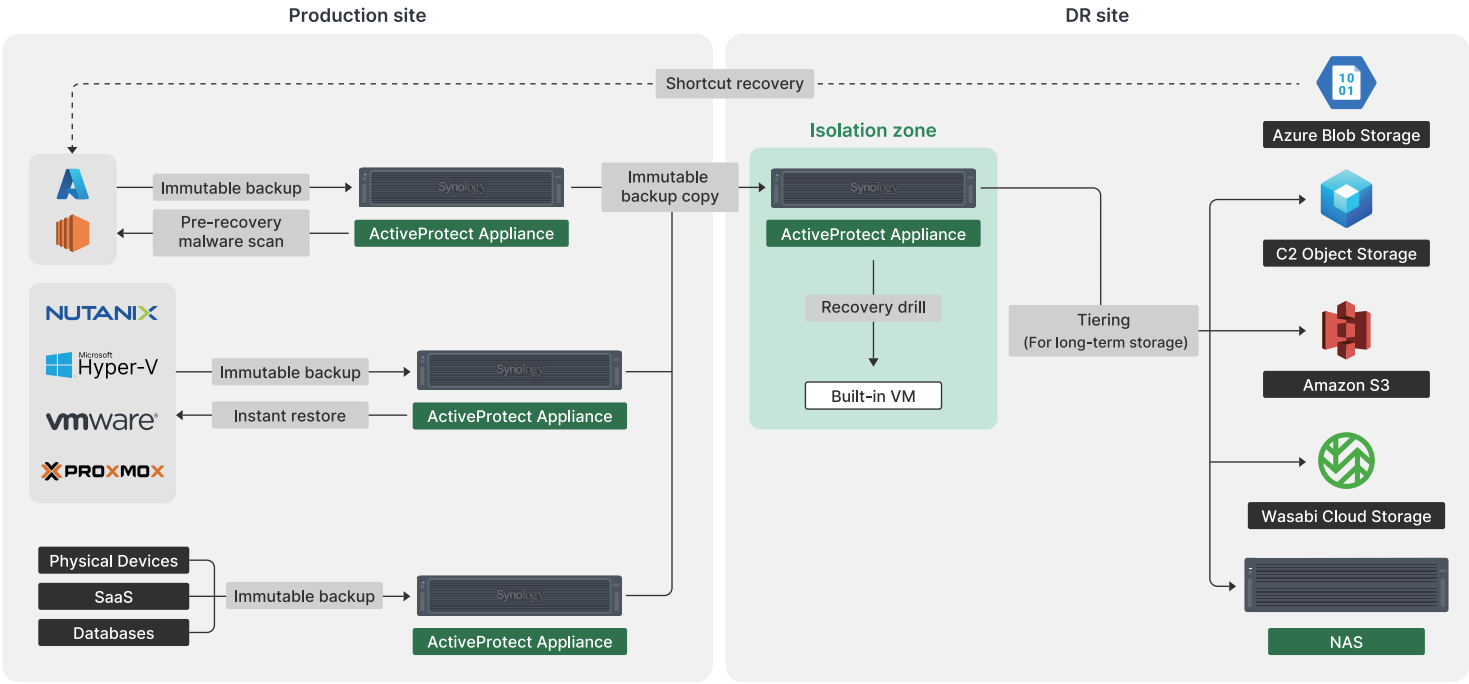
Key benefits

- Automate and consolidate your backup protection; retire workloads when required
- Remove duplicate data and ensure fast backups with ActiveProtect's data reduction technology
- Validate backups with automated backup verification and DR testing, and detect backup anomalies with AI/ ML-powered anomaly detection
- Tamper-proof backups with WORM technology and isolate backups with air-gapping to ensure clean restores
- Assign user permissions for granular data recovery and resource monitoring, and secure data with encrypted volumes
- Conduct pre-recovery scans to ensure malware-free restoration
- Flexible P2V, V2V, V2C, C2V data recovery anytime, anywhere to ensure business continuity at all times
- On-demand scalability to safeguard copies of your backups or perform data tiering to the cloud or other on-prem devices



ActiveProtect deployment scenario

Streamline backup operations, recover data with speed, meet deployment requirements, and ensure long-term data retention with ActiveProtect.



Synology ActiveProtect appliance

Meet your organizational needs with Synology ActiveProtect appliance.

					
	DP7400	DP7200	DP5200	DP340	DP320
Capacity	2U (RU)	2U (RU)	1U	Desktop	Desktop
Raw capacity	140 TB	84 TB	36 TB	24 TB	8 TB
Storage configuration	10 x 20 TB HDD (RAID 6 + 1 Spare) 2 x 3840G SSD (RAID 1)	10 x 12 TB HDD (RAID 6 + 1 Spare) 2 x 1920G SSD (RAID 1)	4 x 12 TB HDD (RAID 5) 2 x 800 GB M.2 SSD (RAID 1)	4 x 8 TB HDD (RAID 5) 2 x 400G SSD (RAID 1)	2 x 8 TB HDD (RAID 1)
Cluster management capabilities	Supports up to 2,500 servers or 300,000 workloads ⁴	Supports up to 2,500 servers or 300,000 workloads ⁴	Supports up to 1,000 servers or 120,000 workloads ⁴	Supports up to 30 servers or 1,500 workloads ⁴	Supports up to 10 servers or 500 workloads ⁴
Network interface	1 x 1GbE RJ-45 Port (Management) 2 x 10GbE RJ-45 Port (Data transfer) (Optional) 2 x 10GbE RJ-45 / 25GbE SFP28 (Data transfer)	1 x 1GbE RJ-45 Port (Management) 2 x 10GbE RJ-45 Port (Data transfer) (Optional) 2 x 10GbE RJ-45 / 25GbE SFP28 (Data transfer)	1 x 1GbE RJ-45 (Management) 2 x 10GbE RJ-45 (Data transfer)	1 x 1GbE RJ-45 Port (Management) 1 x 10GbE RJ-45 Port (Data transfer)	1 x 1GbE RJ-45 Port (Management) 1 x 1GbE RJ-45 Port (Data transfer)

1. Performance figures have been obtained through internal testing by Synology Inc.
2. Leverage cross-site deduplication and global deduplication to maximize storage capacity.
3. Eliminate redundant data with source-side deduplication to enable fast data transmission.
4. ActiveProtect license is required.

Streamline your data protection with Synology ActiveProtect today



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