

Rubrik NAS Cloud Direct for Amazon Web Services (AWS)

Protect NAS file data with Rubrik for AWS



DATA SECURITY CHALLENGES

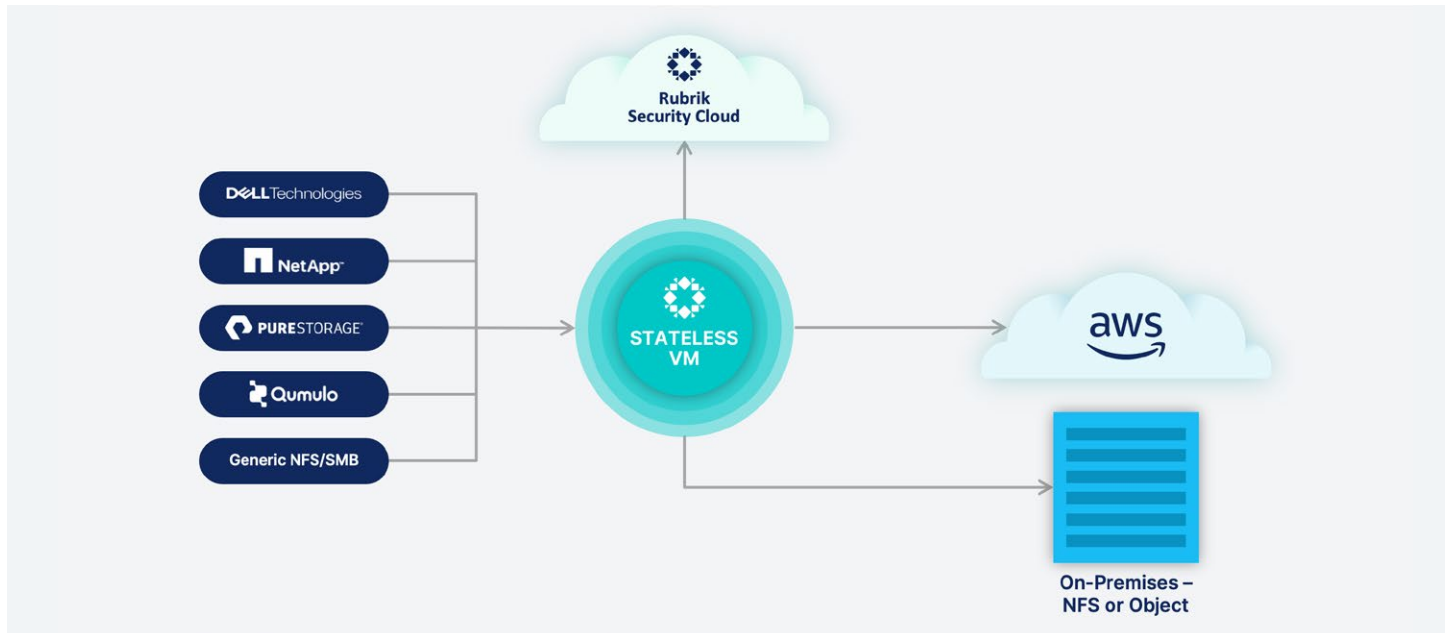
Enterprises are facing challenges when protecting the ever-growing unstructured data in their NAS environments, such as:

- **Need to protect petabytes of data and billions of files**
Data continues to increase exponentially in volume and strategic importance. Customers need a solution that securely and efficiently helps them manage billions of files, while giving them a clear path to modernize with cloud.
- **Increasing frequency of cyber events and need to recover business-critical data**
Cyber events present critical risks to business operations, and the increased volume and velocity of data makes robust data protection across regions and data sources even more crucial.
- **Improved cost and management efficiency**
Customers want to reduce storage costs and improve operational efficiency. Moving to cloud can help with both, but customers need a proven, secure solution to migrate on-premises data to cloud and place data in the right storage tiers to maximize cost effectiveness.

BUSINESS BENEFITS OF RUBRIK NAS CLOUD DIRECT FOR AWS

- Data protection and backup that's fast and efficient
- Custom policy-driven protection to meet business service-level agreements, governance, and compliance requirements
- Immutable snapshots, air gap, and credential isolation to thwart ransomware
- Recover anywhere — on-prem or to AWS, to original source or alternate target
- Visibility into data for best backup, archival, and retention decisions
- Write data to NFS, Amazon Simple Storage Service (Amazon S3) or other compatible cold storage tiers without vendor lock-ins
- Increased operational efficiency and reduced TCO

RUBRIK NAS CLOUD DIRECT FOR DATA PROTECTION AND ARCHIVAL FOR AWS



RUBRIK NAS CLOUD DIRECT FOR AWS

Rubrik NAS Cloud Direct for AWS provides efficient data protection through a petabyte-scale unstructured data protection-as-a-service solution. Rubrik NAS Cloud Direct for AWS delivers high-performance and scalable enterprise backup and archive services specifically designed for unstructured file and object data. Businesses can now achieve security and performance, ensuring the protection and management of petabytes of NAS data quickly and efficiently.

This innovative solution ensures the security of all file data stored on any file system and accessed through any NAS protocol. Users can swiftly write data to either on-premises NFS or Amazon S3 targets, all within a matter of minutes. By harnessing the capabilities of Rubrik NAS Cloud Direct for AWS, businesses can confidently safeguard their critical unstructured data while scaling their backup and archival processes to meet the ever-growing demands of modern data environments.

KEY FEATURES OF RUBRIK NAS CLOUD DIRECT FOR AWS

Rubrik NAS Cloud Direct for AWS provides organizations with key functionality, including:

- **Migrate to AWS:** Whether moving petabytes of data to AWS file services or going cloud-native and moving into Amazon S3, NAS Cloud Direct Data Flow enables rapid migration and synchronization of file data at scale. Data flow jobs, such as backups and archives, are incremental-forever, meaning that the first snapshot is taken in full, and only incremental changes are captured after that. Snapshots may be scheduled to sync as often as hourly to better enable strict cutover time frames.

- **Protect AWS File Services:** NAS Cloud Direct can protect SMB and NFSv3 data sets in Amazon FSx for NetAPP ONTAP, Amazon FSx for Windows File Server, and Amazon FSx for OpenZFS. This is enabled by deploying the NAS Cloud Direct VM into Amazon Elastic Compute Cloud (Amazon EC2) and scaling out the number of EC2 instances as needed for protection at scale.
- **Recover to AWS from on-prem:** One alternative for recovery enabled by Rubrik NAS Cloud Direct for AWS is recovery to AWS File Services. Because NAS Cloud Direct creates a platform-independent copy of NAS data, it can recover the data to any of the SMB or NFSv3 file services offered in AWS.

IT teams now can mitigate ransomware risk, meet business storage demands, and make smart backup and archive decisions. Rubrik NAS Cloud Direct for AWS automates data protection and simplifies archival of NAS file data at petabyte scale, allowing IT teams to balance security and performance. This is accomplished with a purpose-built NFS/SMB client that scans NAS systems using multi-threaded, parallel operations, while providing latency-aware file access and data movement. This dynamic resource throttling allows backup and recovery jobs to reach peak performance without impact on the production environment.

- Secures file data stored on file systems through NFS & SMB protocols and writes data to NFS or Amazon S3 targets to consolidate data protection and archive operations.
- Is protocol agnostic, centralizing backup and archive data from every NAS instance in the enterprise. Organizations that deploy a mix of NAS architectures can use Rubrik NAS Cloud Direct for AWS to consolidate data from all systems, either onsite, offsite, or in AWS.

Start your data security revolution today with Rubrik NAS Cloud Direct for AWS – now available in [AWS Marketplace](#).