

Compass® NAS Agent

Data-centric policy-driven protection for NAS

FEATURES

Incremental-forever backups with efficient identification of new and changed NAS data

Policy-based data retention management at the object level (directory or file)

Optimal parallelism that greatly accelerates backups and restores using available resources

Ability to handle large NAS systems with billions of files and PBs of data

Reduction of the volume of data processed and transmitted per backup event

Reduction of the volume of stored data in the data protection solution

Robust backup and recovery including incremental-forever backups and file level restores

Deep application integration for consistent backups and granular recoveries

Seamless replication to and across cloud storage providers

SMART.
SECURE.
AUTOMATED.

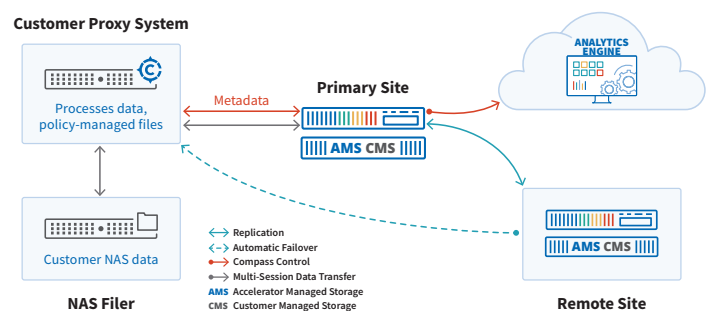
The State of NAS Backups

Backup and recovery of network attached storage (NAS) systems is often a neglected area of focus in information technology (IT) operations. While NAS systems are in common use, few improvements have been made over the years in techniques used to backup and recover NAS data. NAS backup approaches include traditional file-level backup that often bogs down and becomes burdensome in large NAS environments, replication of NAS that tends to be expensive and loses opportunities for policy-based data management, and network data management protocol (NDMP) that brings complexities, limitations, and disadvantages.

Compass NAS Agent

Compass NAS agent provides a virtualization and optimization interface in front of NAS systems and delivers a unified, continuous catalog of all protected data over time from a NAS

filer. Unlike NDMP and NAS replication solutions, the Compass NAS Agent approach provides NAS data-focused protection rather than traditional NAS device-focused protection.



NAS Protection Best Practices

Cobalt Iron supports NDMP and other NAS backup approaches. However, to improve restore flexibility and increase backup efficiency, the solution also delivers industry leading NAS backup and recovery leveraging its NAS proxy technology. This NAS proxy capability, called the Compass NAS Agent, is the recommended approach for protection of NAS data. Compass NAS Agent backups are optimized for customer NAS workloads and provide advanced functionality, high efficiencies (including costs savings), and improved service levels for backup and recovery including target independent restores. Cobalt Iron efficiently backs up and restores NAS systems with billions of files using its advanced NAS proxy technology.

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