

Avamar Backup and Recovery, Data Deduplication - EMC

AVAMAR

EMC Avamar Deduplication backup software and system

EMC Avamar: Fast, efficient backup and recovery through a complete software and hardware solution. Equipped with integrated variable-length deduplication technology, Avamar facilitates fast, daily full backups for virtual environments, remote offices, enterprise applications, network-attached storage (NAS) servers, and desktops/laptops.



FASTER BACKUP AND RECOVERY

Avamar employs variable-length deduplication, which significantly reduces backup time by only storing unique daily changes while maintaining daily full backups for immediate, single-step restore.



OPTIMIZED BANDWIDTH

Deduplicated backup sends only changed blocks, reducing network traffic. Leverage existing local area network (LAN) and wide area network (WAN) bandwidth for enterprisewide and remote/branch office backup and recovery.



ONE-STEP RECOVERY

Every Avamar backup is a full backup, which makes it easy for you to browse, point, and click for a single-step recovery.



HIGH RELIABILITY

Avamar Data Store features redundant power and networking, redundant array of independent disks (RAID), and patented redundant array of independent nodes (RAIN) technology to provide uninterrupted data accessibility. Daily data systems checks ensure recoverability whenever needed.



FLEXIBLE DEPLOYMENT

Avamar Data Store scales to 124 TB of deduplicated capacity. For additional performance and scalability, Avamar can be deployed in an integrated solution with EMC Data Domain systems.

[VIEW DATA SHEET](#)