

* AWS Storage Extras *

- Snowball Edge comes with computing capabilities and allows you to pre-process the data while its being moved into Snowball.
- Virtually infinite storage, iSCSI compatible interface. AWS Storage Gateway - Tape Gateway.
- NFS which respects the Windows Security mechanisms and has integrations with Microsoft Active Directory. Amazon FSx for Windows (File Server).
- Hundreds of Terabytes of data migrate to AWS S3 as soon as possible: AWS Snowball Edge.
- Large dataset stored in S3 and want to access from on-premises servers using the NFS or SMB protocol, also want to authenticate access to these files through on-premises Microsoft AD: AWS Storage Gateway - S3 File Gateway.
- Migrate Company's infrastructure from on-premise to AWS Cloud. Also, you have an on-premises Microsoft Windows File Server you want to migrate: Use Amazon FSx for Windows (File Server).

- High-Performance computing (easily scale to millions of IOPS) - Amazon FSx for Lustre
- Persistent file system: Provides long-term storage where data is replicated within the same AZ. Failed files were replaced within minutes.
- AWS Transfer family is a managed service for file transfers into and out of S3 or EFS using the FTP protocol. TLS is not supported.
- Files and data stored in an FSx for Windows File Server storage on AWS, currently used by the resources hosted on AWS. To access them on-premises with low latency: FSx File Gateway.
- AWS DataSync: Efficiently migrate data from on-premises to S3.
- AWS DataSync: Large amount of data migration from an S3 bucket to an EFS file system.
- Data in S3 buckets exposed over the FTP and made public. Use AWS Transfer family.
- Amazon FSx for NetApp ONTAP is compatible with following protocols: NFS, SMB, iSCSI.
- Migrating from an on-premises ZFS file system to AWS: Amazon FSx for OpenZFS.
- Move data to S3 Glacier automatically: S3 Lifecycle Policy.
- AWS DataSync: Online data transfer service that simplifies, automates, accelerates moving data

between on-premises storage systems and AWS
Storage services, as well as between AWS Storage
services