

AWS 
**Snow
Family**



Snowcone



Snowball



Snowmobile

❖ AWS SNOW FAMILY:

- AWS Snow Family is a group of devices that transport data in and out of AWS.
- Snow Family devices are **physical devices**. They can transfer up to **exabytes** of data.
- Devices are owned and managed by AWS and integrate with AWS security, monitoring, storage management, and computing capabilities.
- Snow family service models are:
 - Snowcone
 - Snowball
 - Snowmobile

➤ SNOWCONE:

- Snowcone is the smallest member of the AWS Snow Family of edge computing and data transfer devices.
- Snowcone is portable, rugged, and secure.
- It is used to collect, process, and move data to AWS, either offline by shipping the device, or online with AWS DataSync.
- It is made out of **8 TB** of storage.



➤ SNOWBALL:

- AWS Snowball is available as a Compute Optimized device or a Storage Optimized device. Explore the options best suited for your needs. All devices are suited for extreme conditions, tamper proof, and highly secure.
- Snowball is a data migration and edge computing device that comes in two device options.
 - Storage Optimized
 - Compute Optimized

| Snowball Edge Storage Optimized devices | Snowball Edge Compute Optimized devices |
|--|--|
| Great for large-scale data migrations | Great for services that require a large amount of computing resources. |
| Have 80 TB of HDD storage space for object storage | Have 42 TB of HDD storage for object storage, and 7.68 TB of NVMe SSD storage space for AWS EBS block volumes. |
| Have 1 TB of SSD storage for block volumes | Work on 208 Gib of memory and 52 vCPUs. |

➤ **SNOWMOBILE:**

- Snowmobile is basically just a **truck**. Operated by AWS personnel. Focused on massive data transfer.
- A semi-trailer truck pulling a **45-foot-long rugged shipping container** which contains your data.
- It is an **Exabyte-scale data transfer service**; you can transfer up to **100PB per Snowmobile**.

