

Snowball Family

Snowball

- Using physical appliance
- Petabyte-scale data transfer solution
- Secure, tamper resistant, use KMS encryption
- Pay for data transfer
- Use cases:
 - Moving large of dataset to AWS for disaster recovery or DC decommission
 - Transferring dataset that takes longer than 1 week over the network



Snowball Edge

- Add computational capability
- Up to 52 vCPU and 208 GiB memory
- Supports a custom EC2 AMI
- Support custom Lambda functions
- Use cases:
 - Moving large of dataset to AWS for disaster recovery or DC decommission
 - Data needs to be pre-processed while moving



Snowmobile

- Transfer extremely large amounts of data (Petabyte ~ Exabytes) to AWS
- Better if the data is larger than 10 PB



Exam tips

- Using Snowball for moving large of data into/out AWS
- **Snowball** cannot import to **Glacier** directly. It needs to import to S3 first and then using lifecycle to move to Glacier