

## Snowball

### Snowball

Physical data transport solution that helps moving TBs or PBs of data in or out of AWS.

Alternative to moving data over the network (and paying network fees).

Secure, tamper resistant, uses KMS 256 bit encryption.

Tracking using SNS and text messages for shipping label.

Pay per data transfer job.

Use cases: large data cloud migrations, DC Decommission, disaster recovery.

Where use- If it takes more than a week to transfer over the Network, use snowball devices.



### Snowball Process:-

- 1-Request snowball devices from the AWS console for delivery
- 2-Install the snowball client on your Servers
- 3-Connect the Snowball to your servers and copy files using the client
- 4-Ship back the device when you are done (goes to the right AWS facility)
- 5-Data will be loaded into an S3 buckets
- 6-Snowball is completely wiped
- 7-Tracking is done using SNS, text messages.

### Snowball Edge:-

Snowball Edges add computational capability to the device.

100 TB capacity with either Storage Optimized- 24 vCPU or Compute optimized -52vCPU

Support custom Lambda functions.

### AWS Snowmobile:-

Transfer Exabytes of Data (1 EB = 1000 PB = 1000,000 TBs)



Note:- Snowball cannot import to Glacier directly (you have to use Amazon S3 first, and an S3 lifecycle policy)