



BATCH : BATCH 48
LESSON : AWS
DATE : 15.08.2022
SUBJECT : Snapshot-AMI



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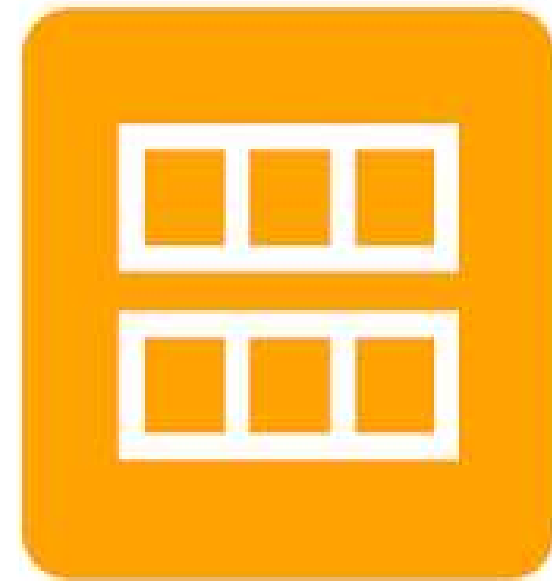
AWS Snapshot and AMI





Amazon Machine Image

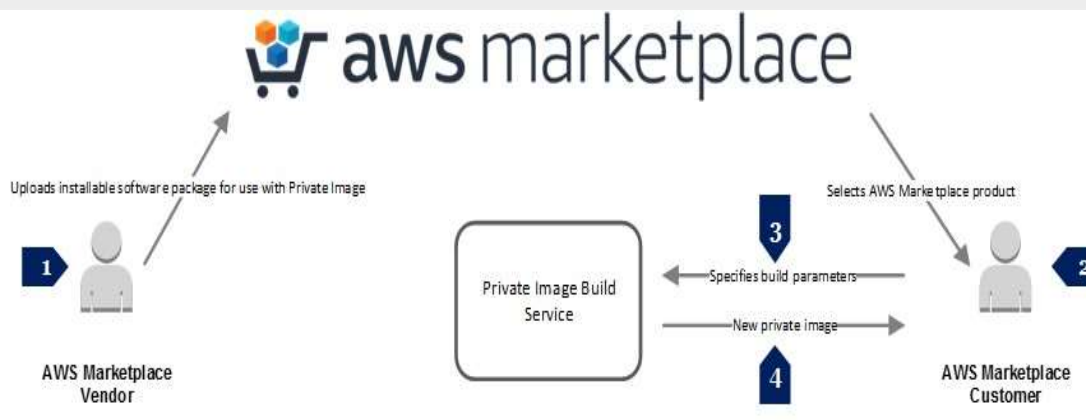
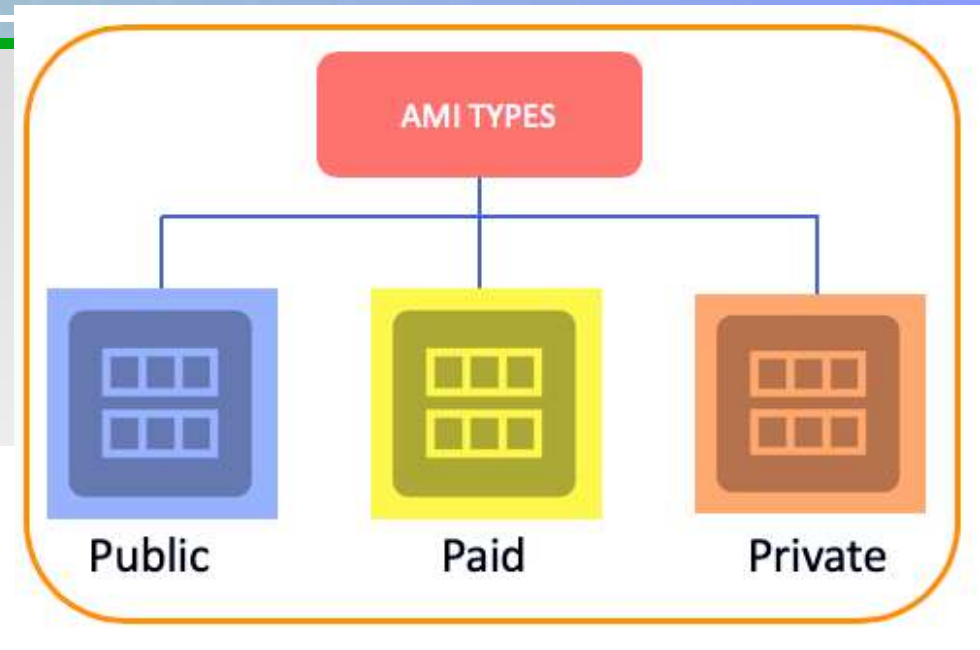
- ✓ AMI is a virtual image used to create a virtual machine within an EC2 instance. In other words, it is a virtual machine template containing predefined operating system and application files.
- ✓ When creating a virtual machine, you will get an operating system and application list according to the features presented in that template by choosing which template to create this machine. All AMI provides a template for the root volume of an instance.



Amazon AMI



Amazon Machine Image Types





What is Snapshot?

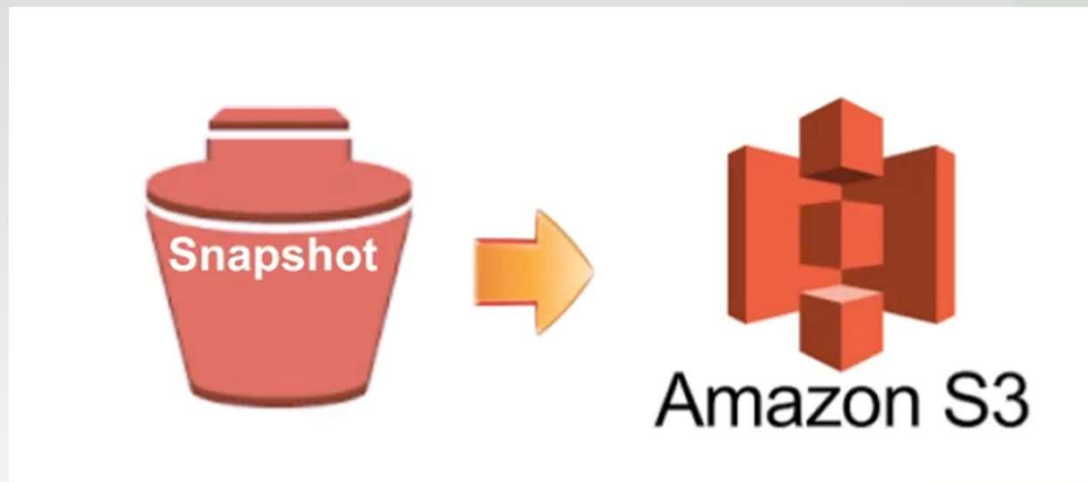
- ✓ Snapshot is the name of the method that allows us to take a current copy of an EBS disk.
- ✓ it is a point-in-time copy of your Amazon EBS volume.
- ✓ Snapshots are used for the purpose of
 - ✓ Backup
 - ✓ Copying AMI for creating multiple instances with the same features
 - ✓ Creating a new Volume



EBS Snapshot



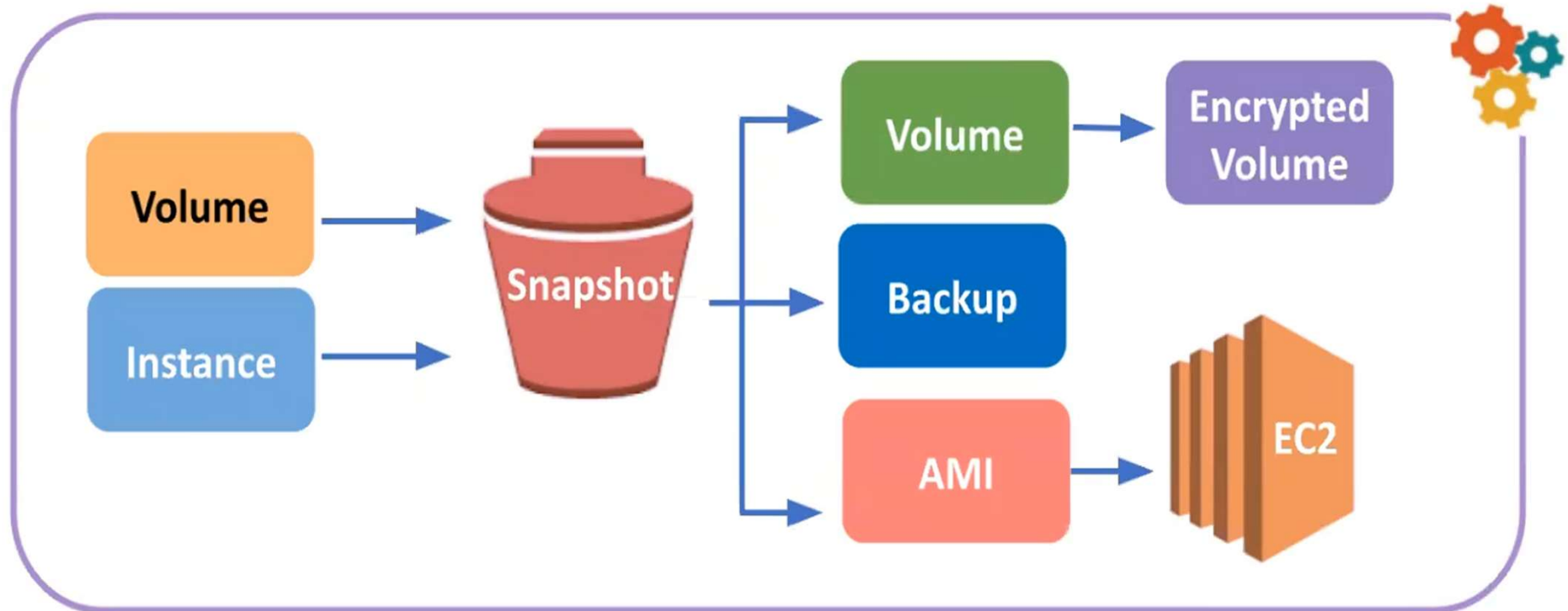
Features of Snapshot



- ✓ Source from **Volume** or **Instance**
- ✓ Stored in Amazon **S3**
- ✓ **Incremental Storage**
- ✓ **Data Lifecycle Manager**



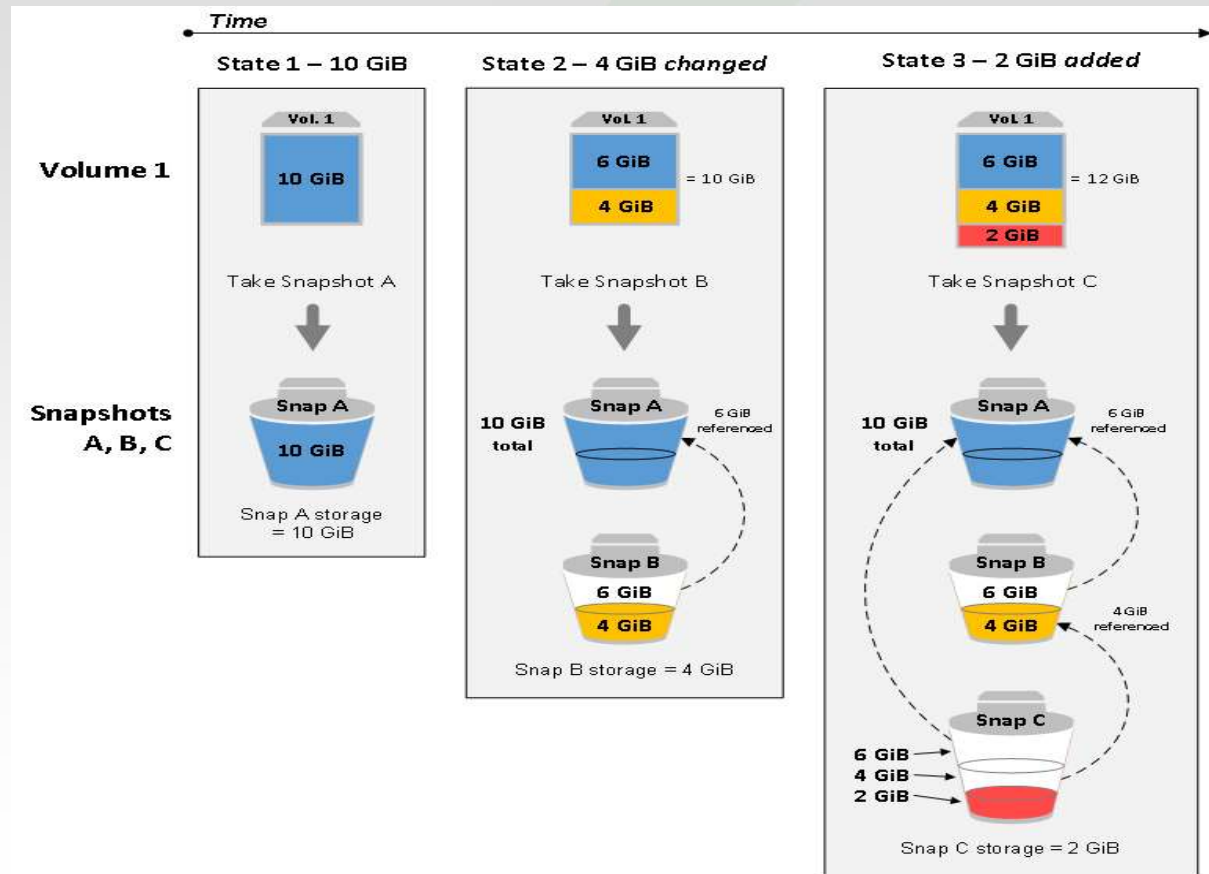
Lifecycle of Snapshot





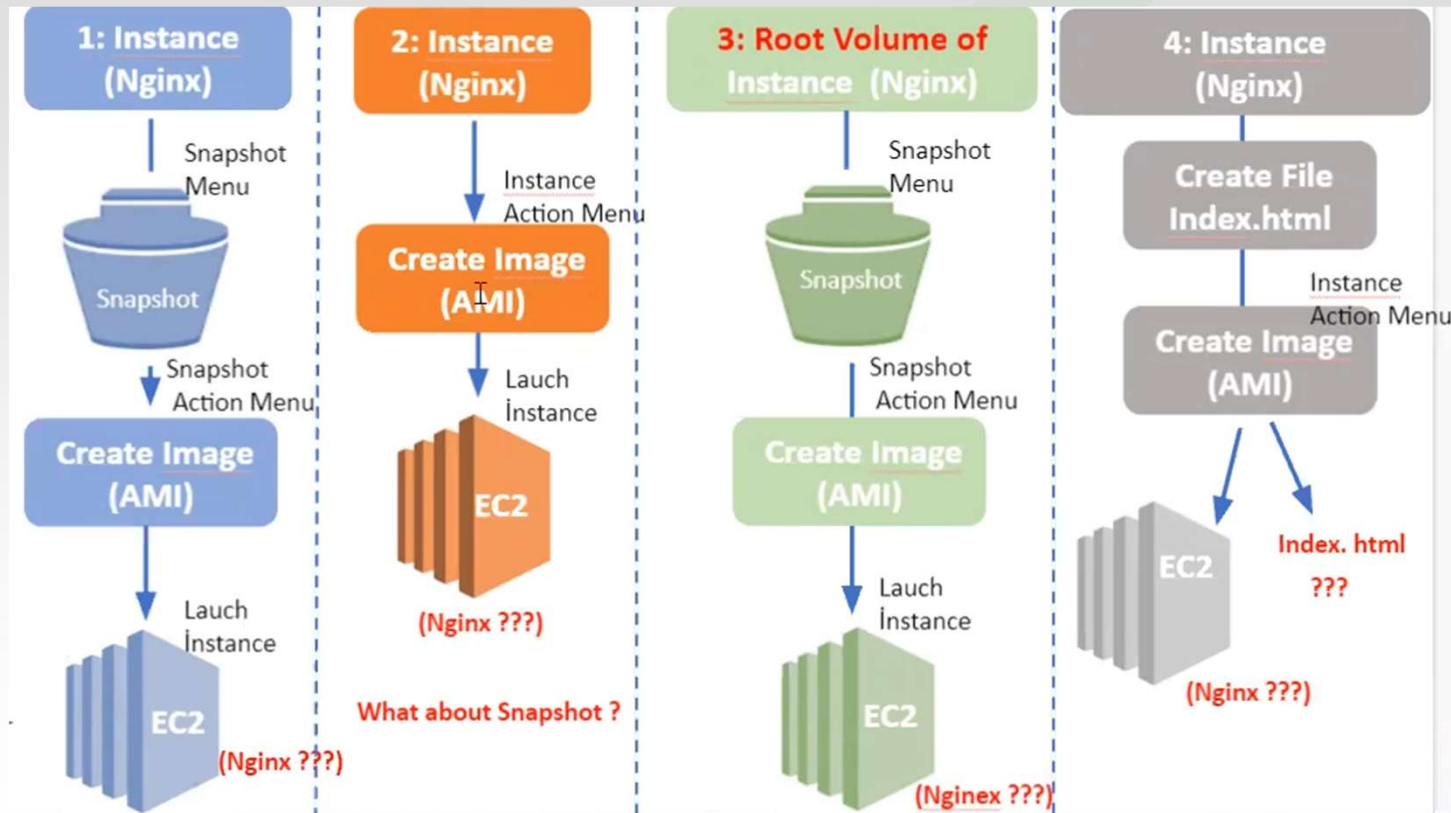
Lifecycle of Snapshot

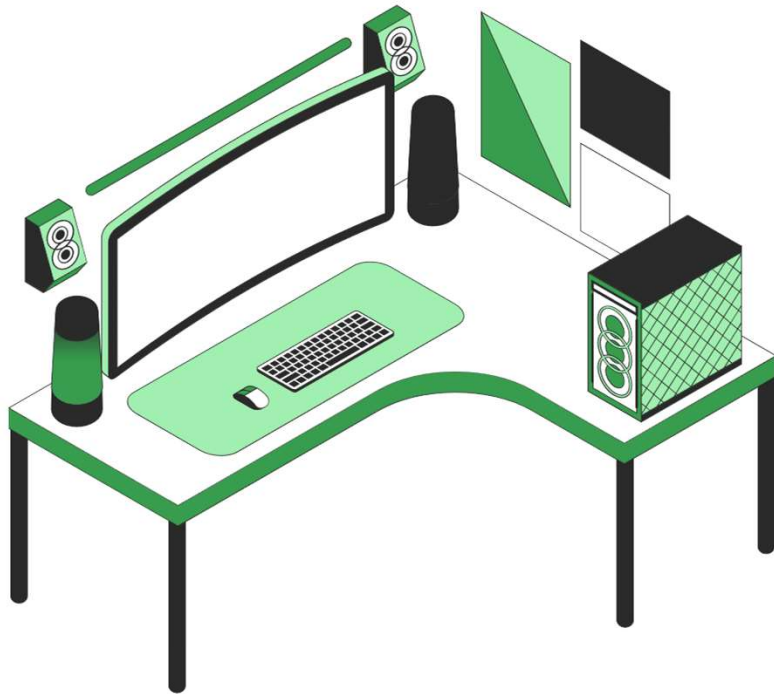
Incremental Backups





Lifecycle of Snapshot





Do you have any questions?

Send it to us! We hope you learned something new.



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