



**BATCH** : **BATCH 107**

**LESSON** : **AWS**

**DATE** : **22.02.2023**

**SUBJECT** : **Snapshot-AMI**



techproeducation



techproeducation



techproeducation



techproeducation



techproedu



# AWS Snapshot and AMI





# Amazon Machine Image

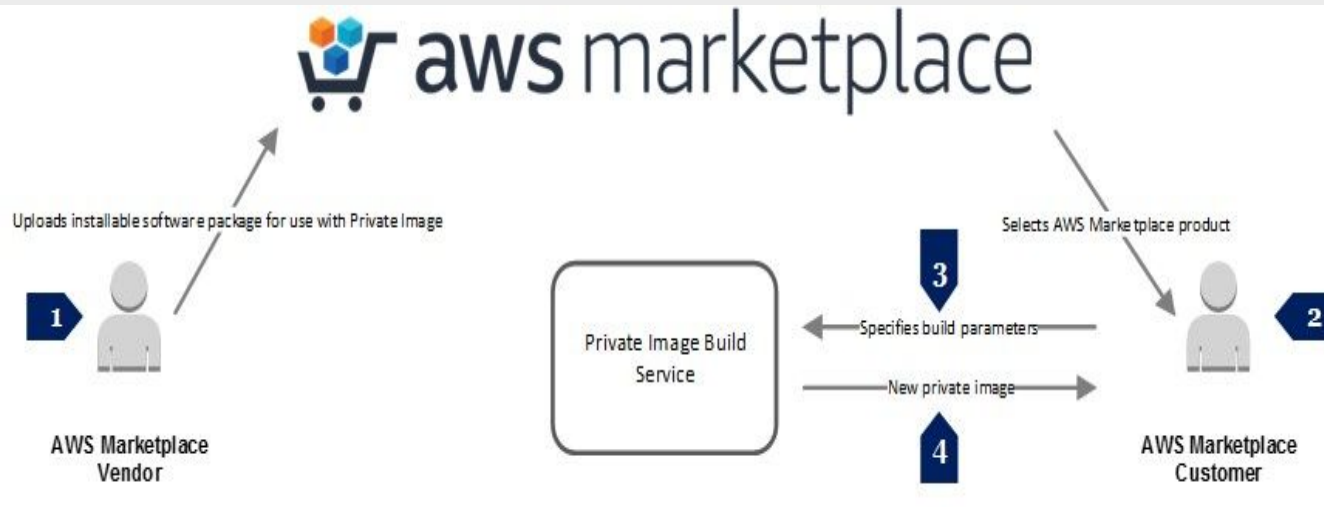
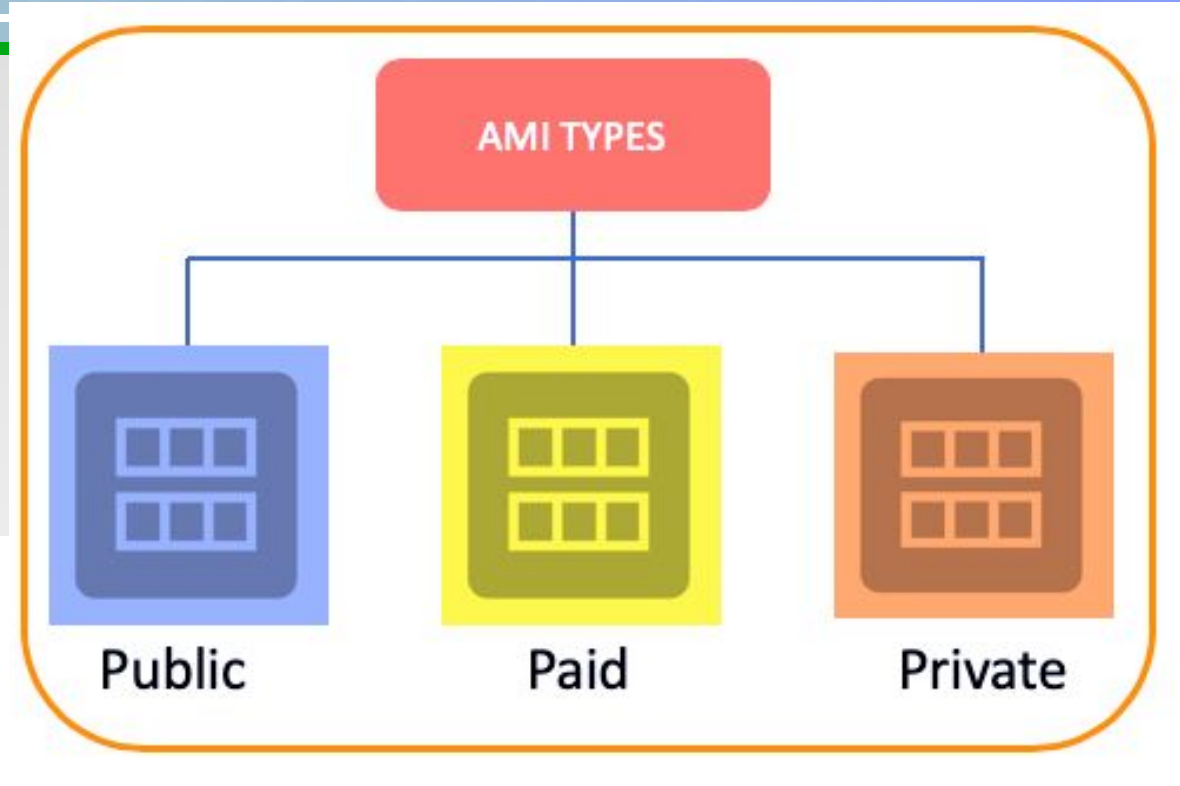
- ✓ AMI is a virtual image used to create a virtual machine within an EC2 instance. In other words, it is a virtual machine template containing predefined operating system and application files.
- ✓ When creating a virtual machine, you will get an operating system and application list according to the 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





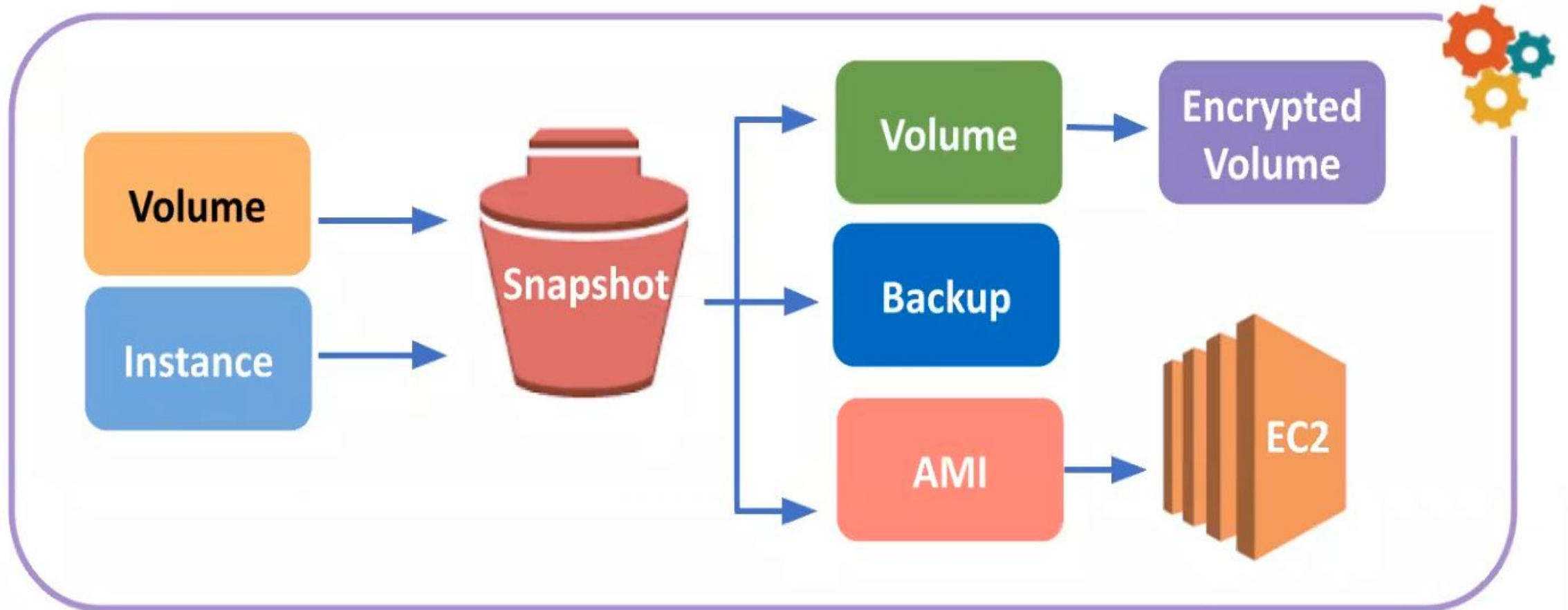
# Features of Snapshot



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



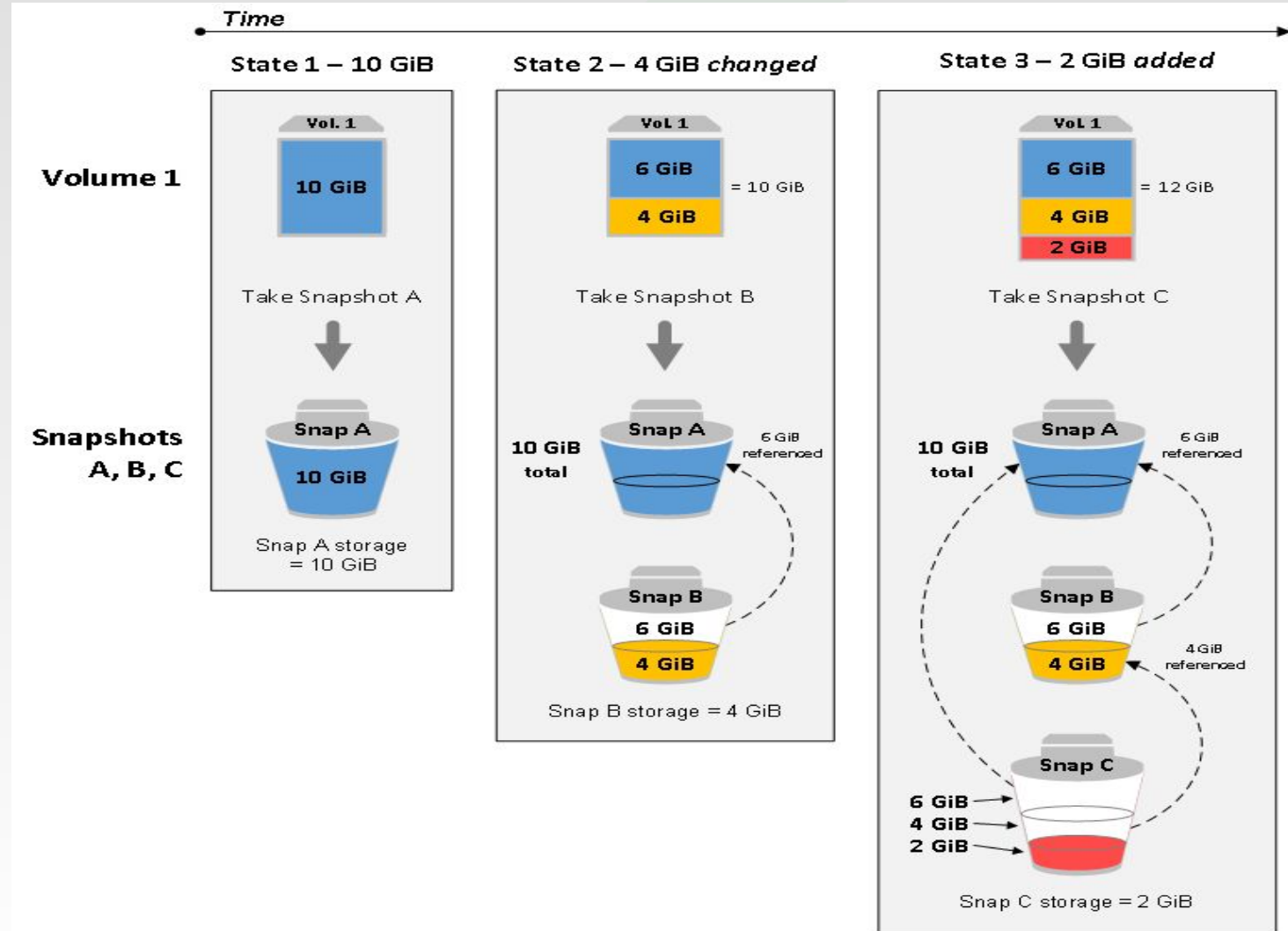
# Lifecycle of Snapshot





# Lifecycle of Snapshot

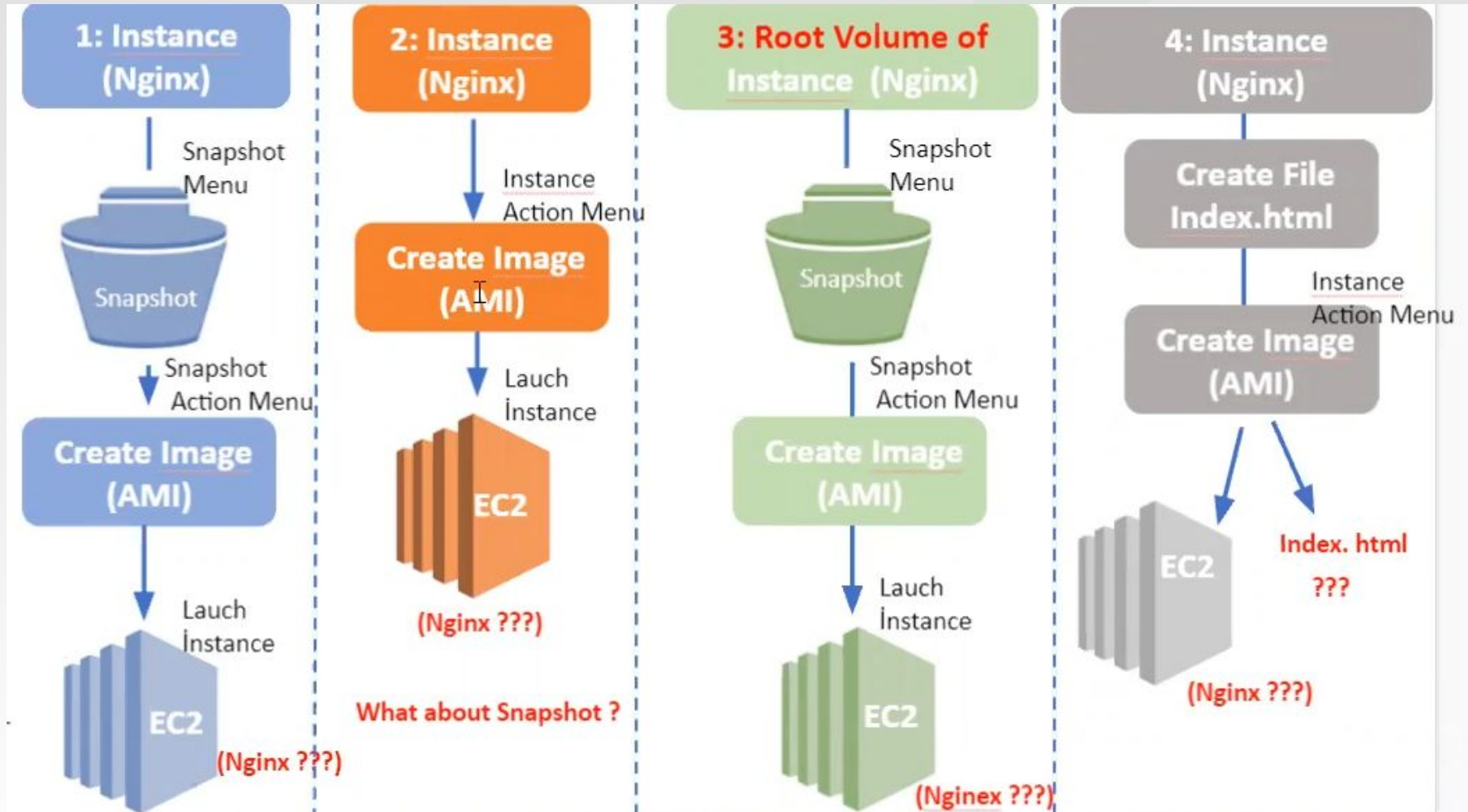
## Incremental Backups

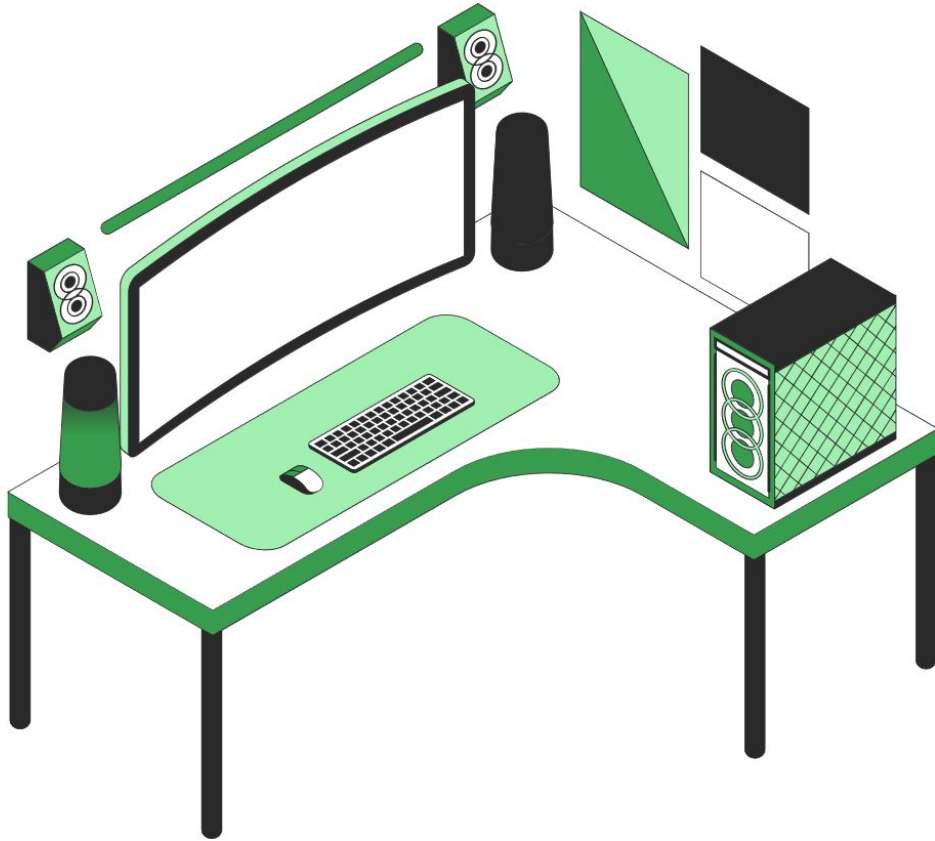






# Lifecycle of Snapshot





# Do you have any questions?

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

