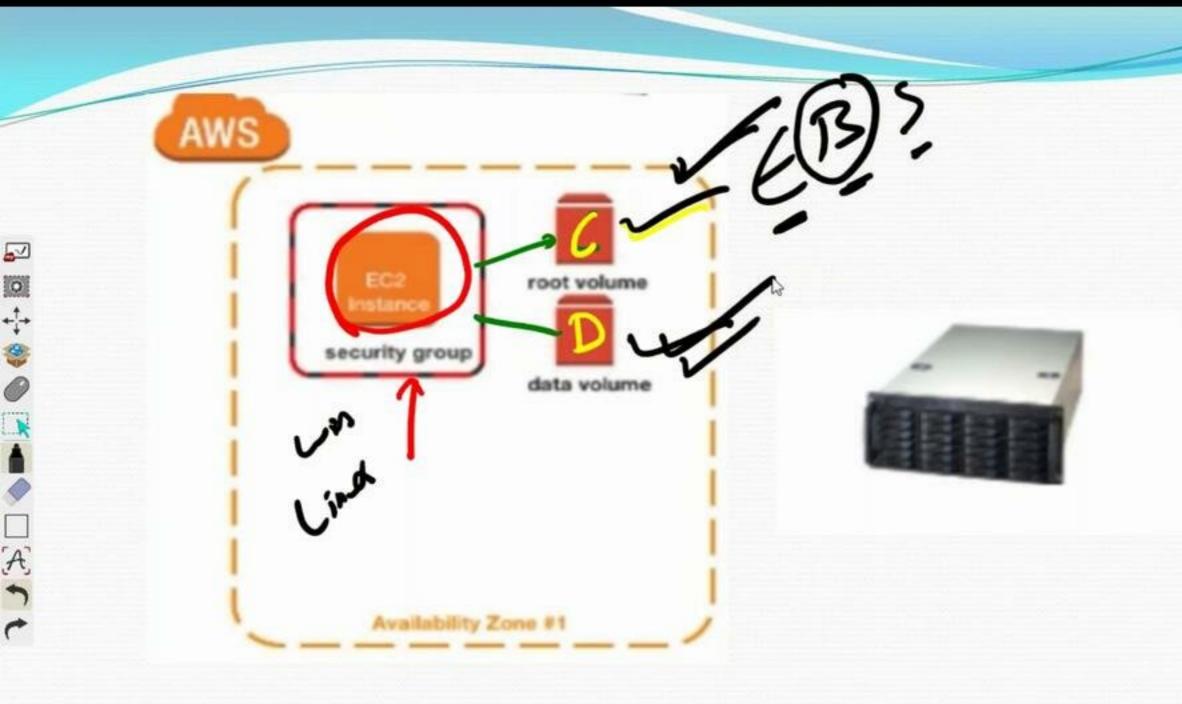
Elastic Block Storage &

Instance store

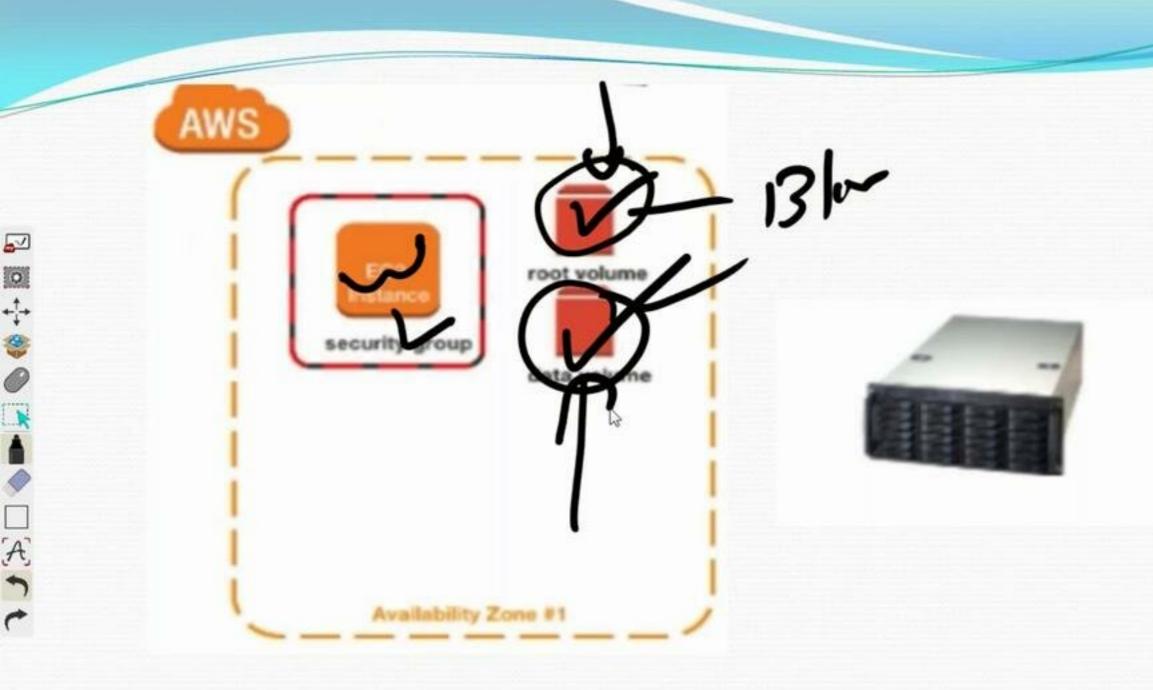






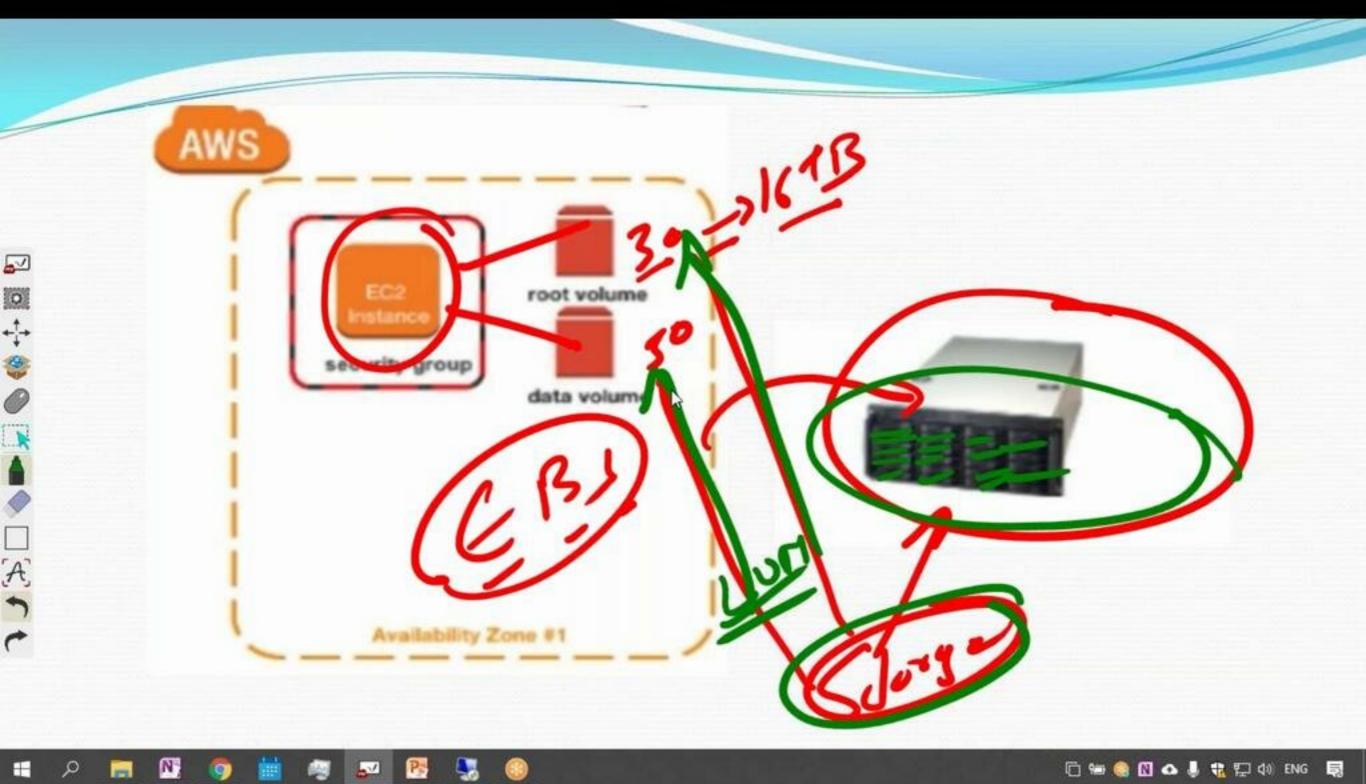


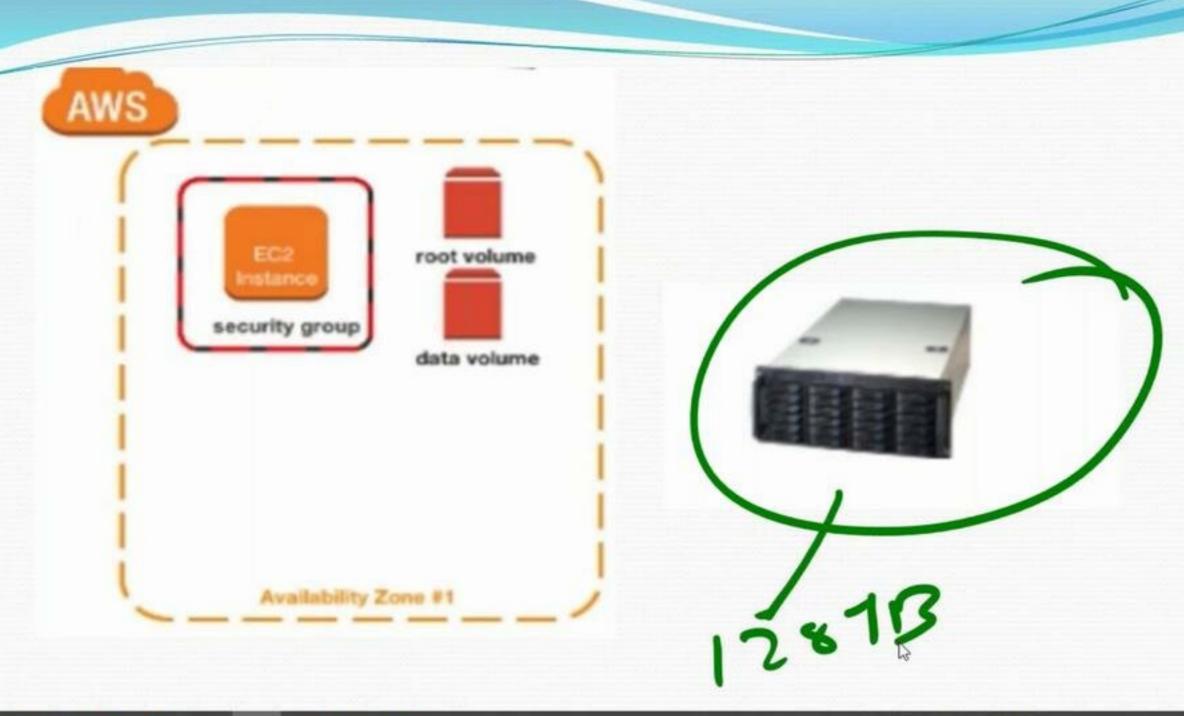














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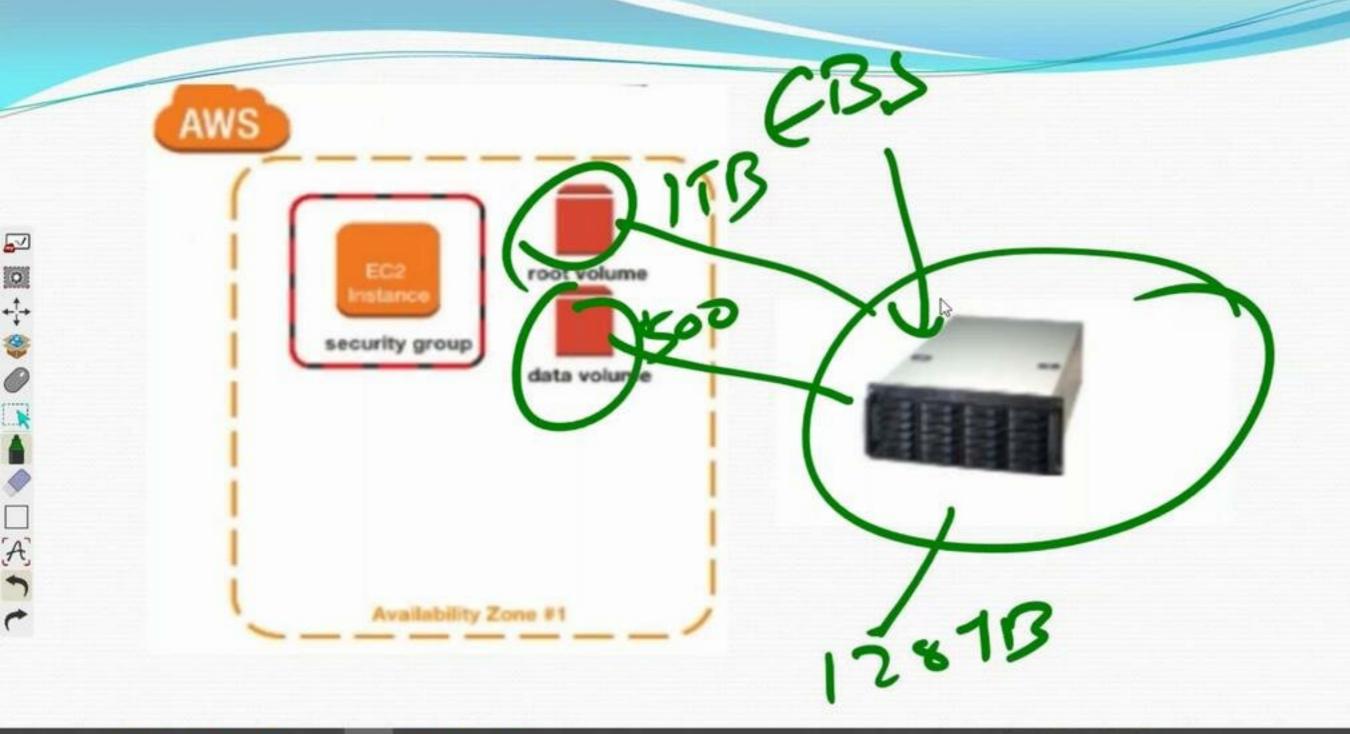






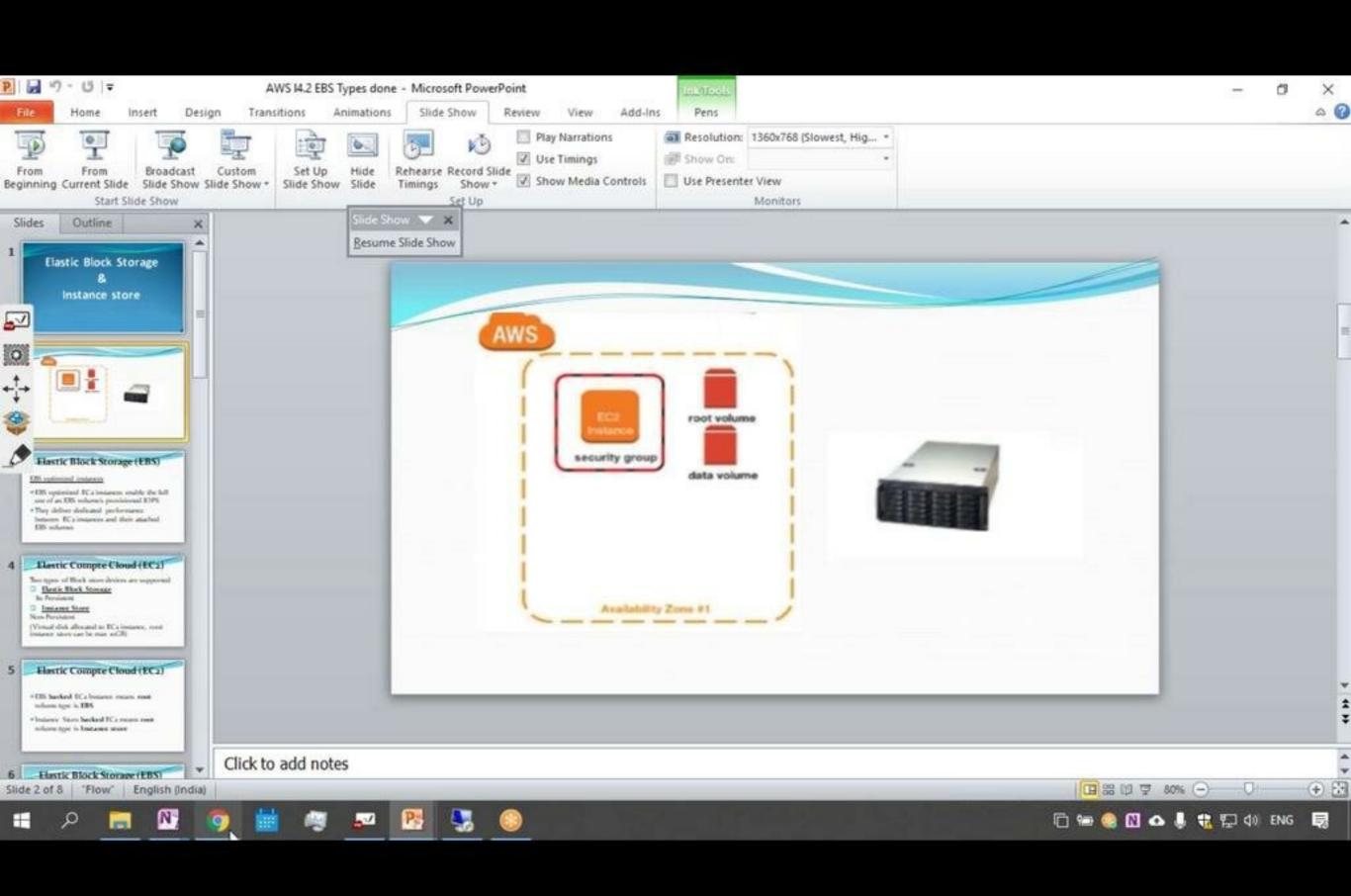


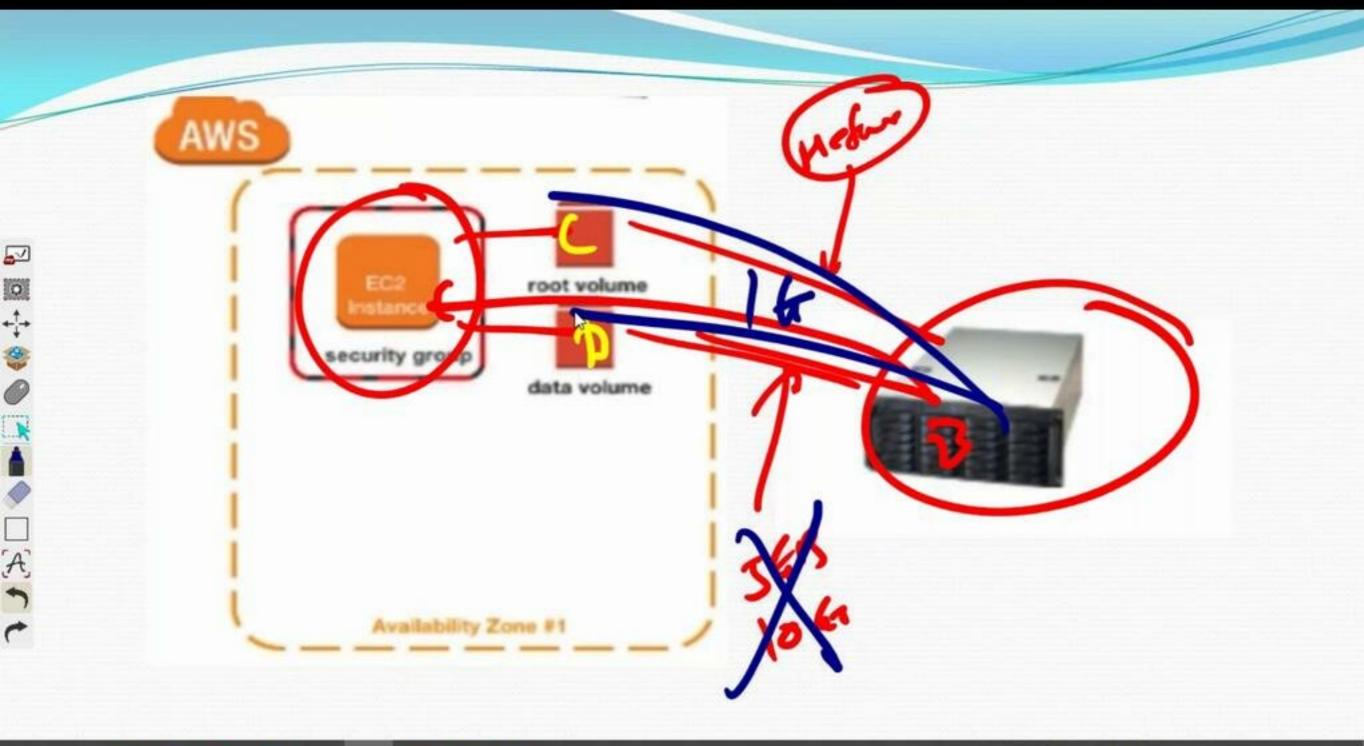






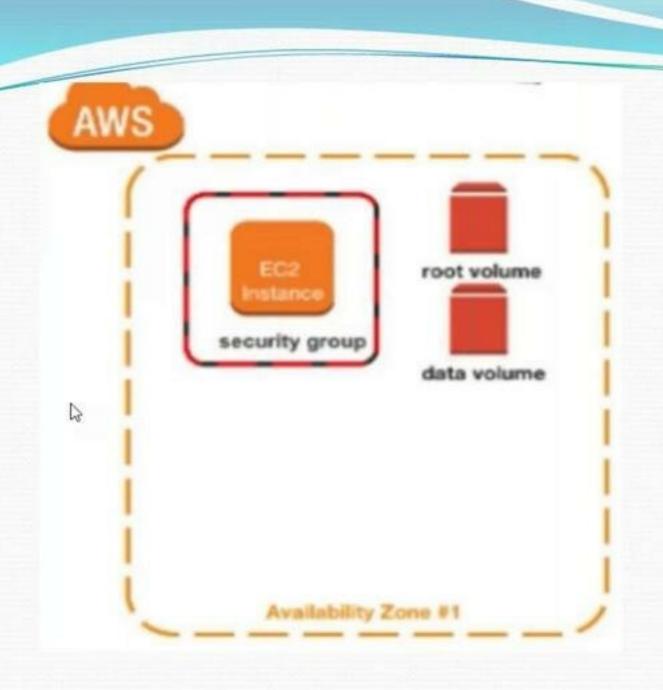




































- EBS optimized EC2 instances enable the full use of an EBS volume's provisioned (IOPS)
- They deliver dedicated performance between EC2 instances and their attached EBS volumes





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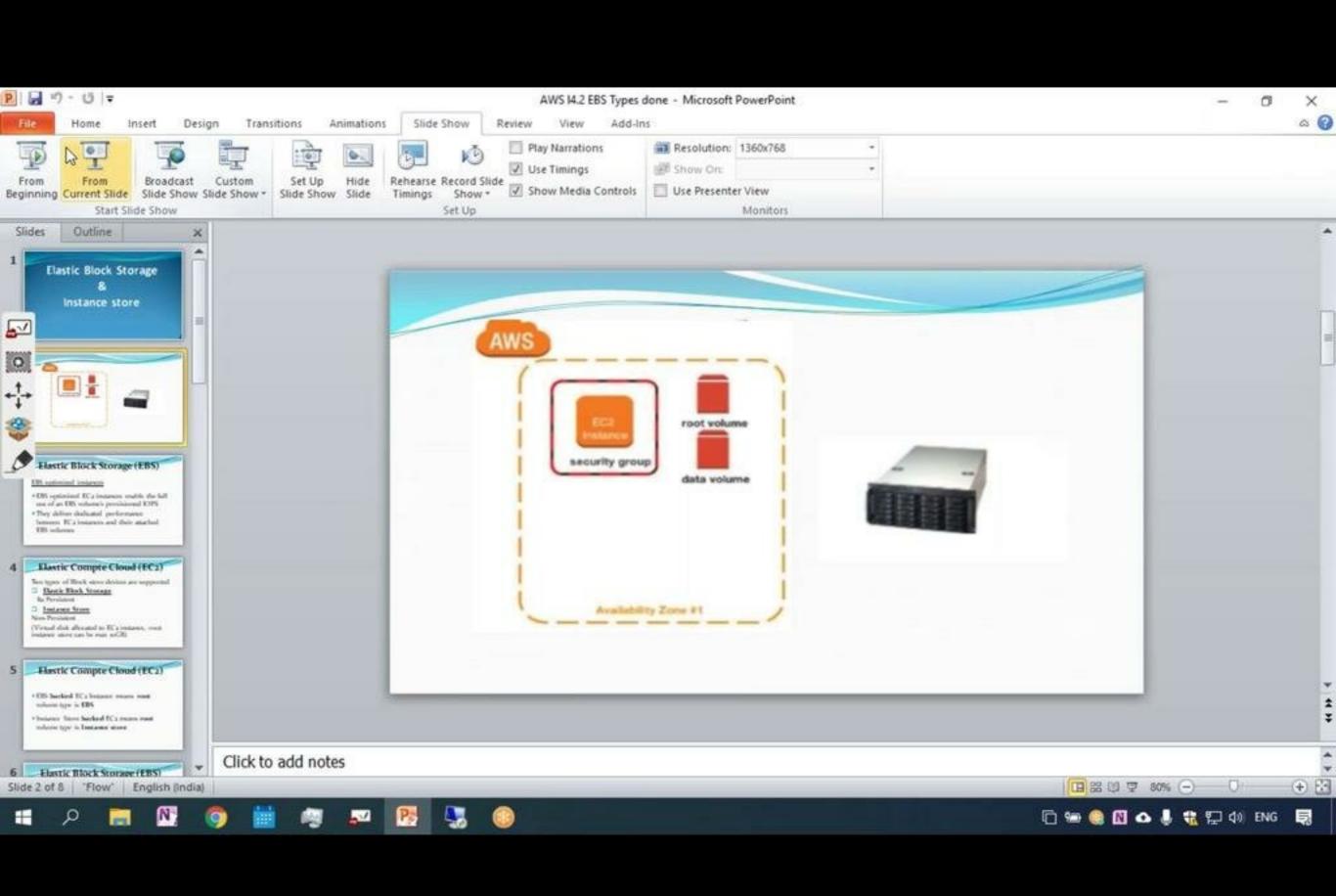


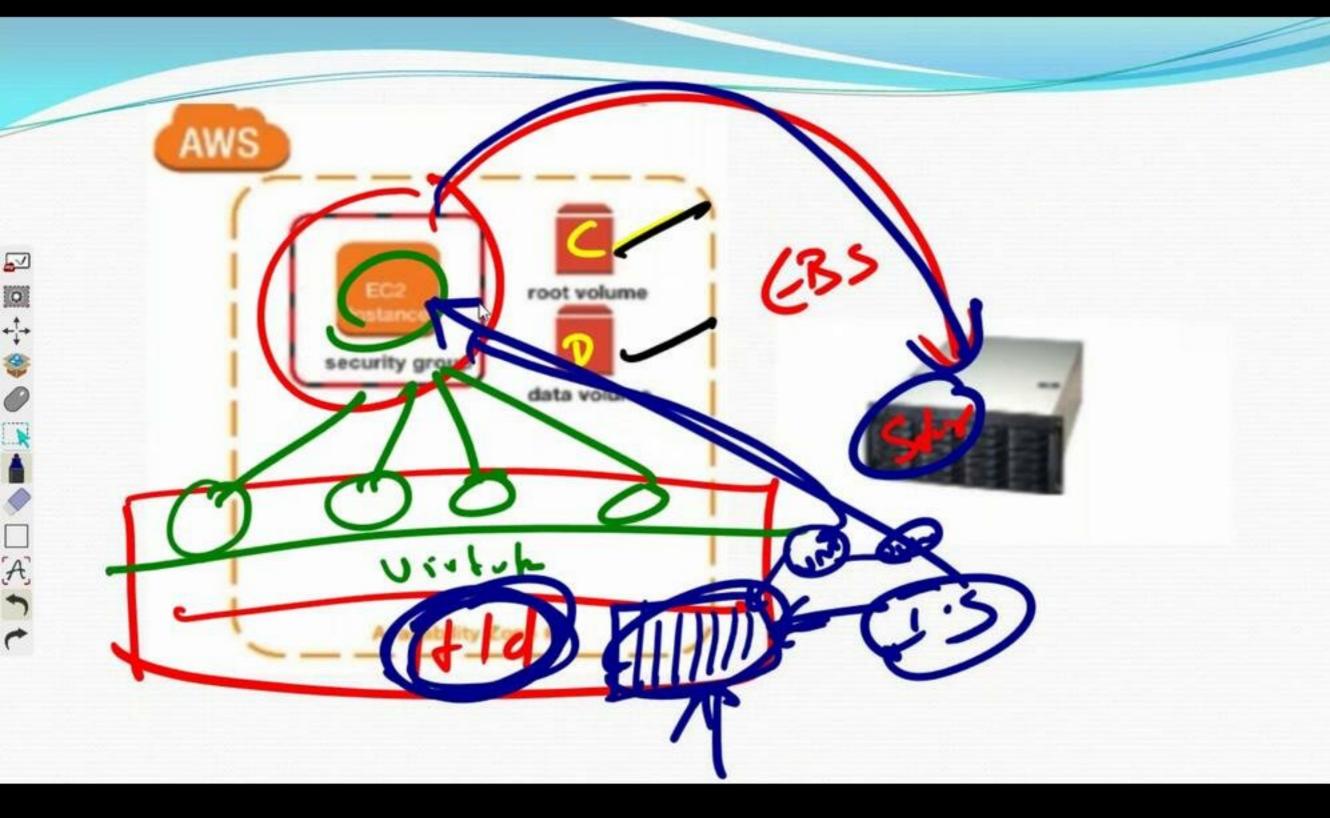
Two types of Block store devices are supported

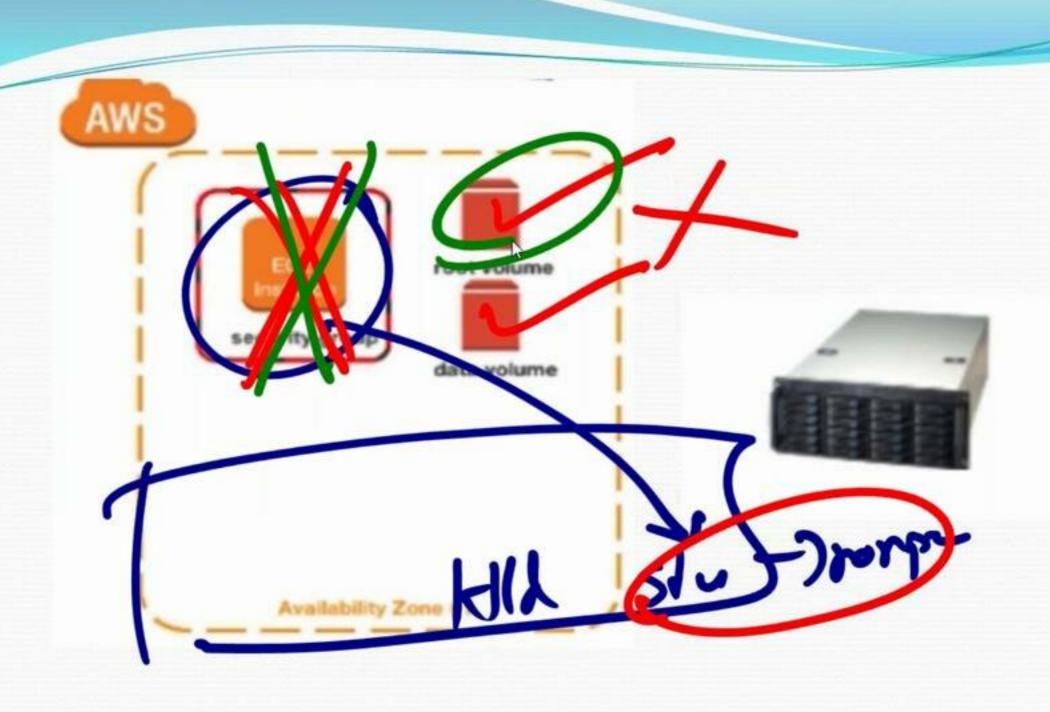
- Elastic Block Storage
- Its Persistent
- Instance Store
- Non-Persistent
- (Virtual disk allocated to EC2 instance, root instance store can be max 10GB)

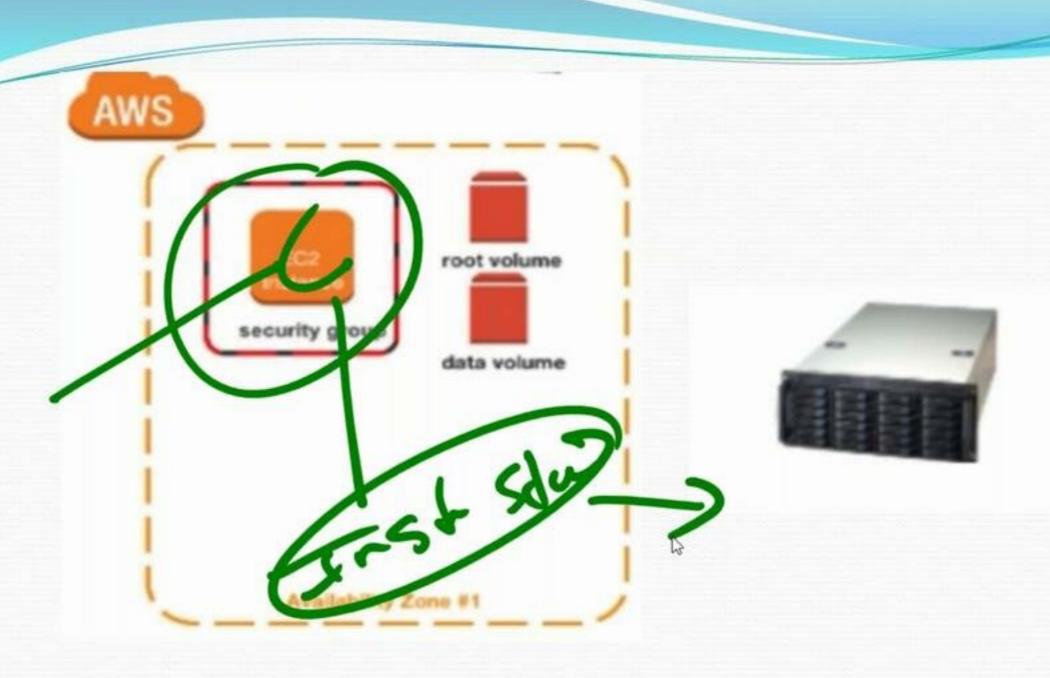
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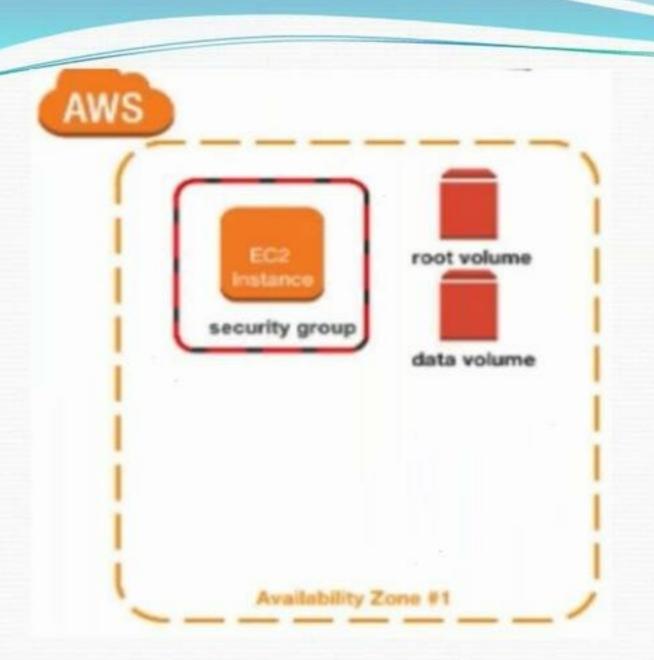
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 Instance Store Elastic Block Storage

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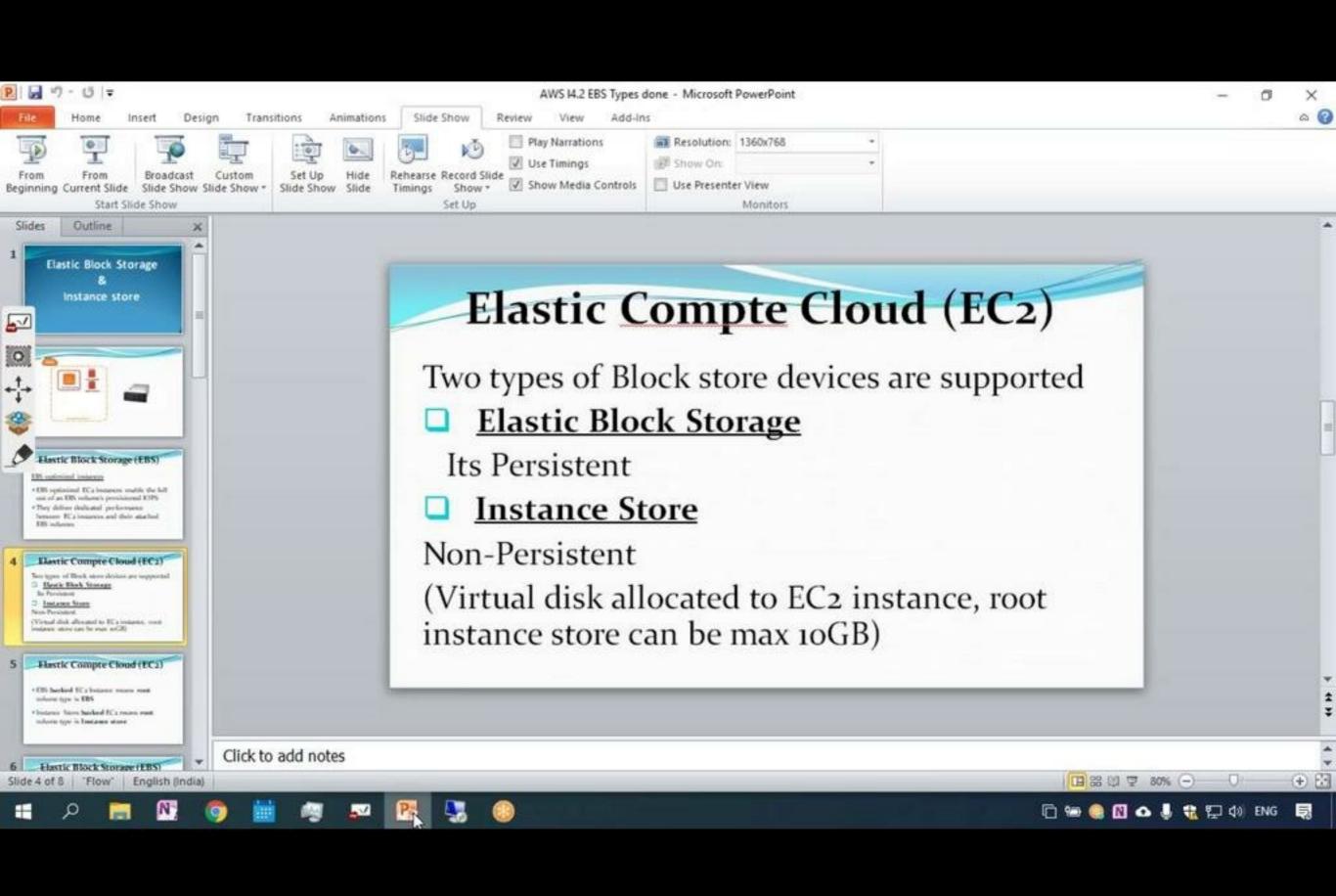
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Two types of Block store devices are supported

Elastic Block Storage

Its Persistent

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CONTERNO PROS

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- Instance Store backed EC2 means root volume type is Instance store

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Amazon EBS volumes types fall into two categories

SSD-backed volumes

- Optimized for transactional workloads involving frequent read/write operations, High IOPS and low latency
- Can be used as boot volumes)

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 High (IOPS) and low Optimized for transactional workloads involving frequent read/write operations, High IOPS and low latency 15
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HDD-backed volumes

- Optimized for large streaming workloads, big data, log processing
- Cannot be used as boot volumes

MDD backed volumes

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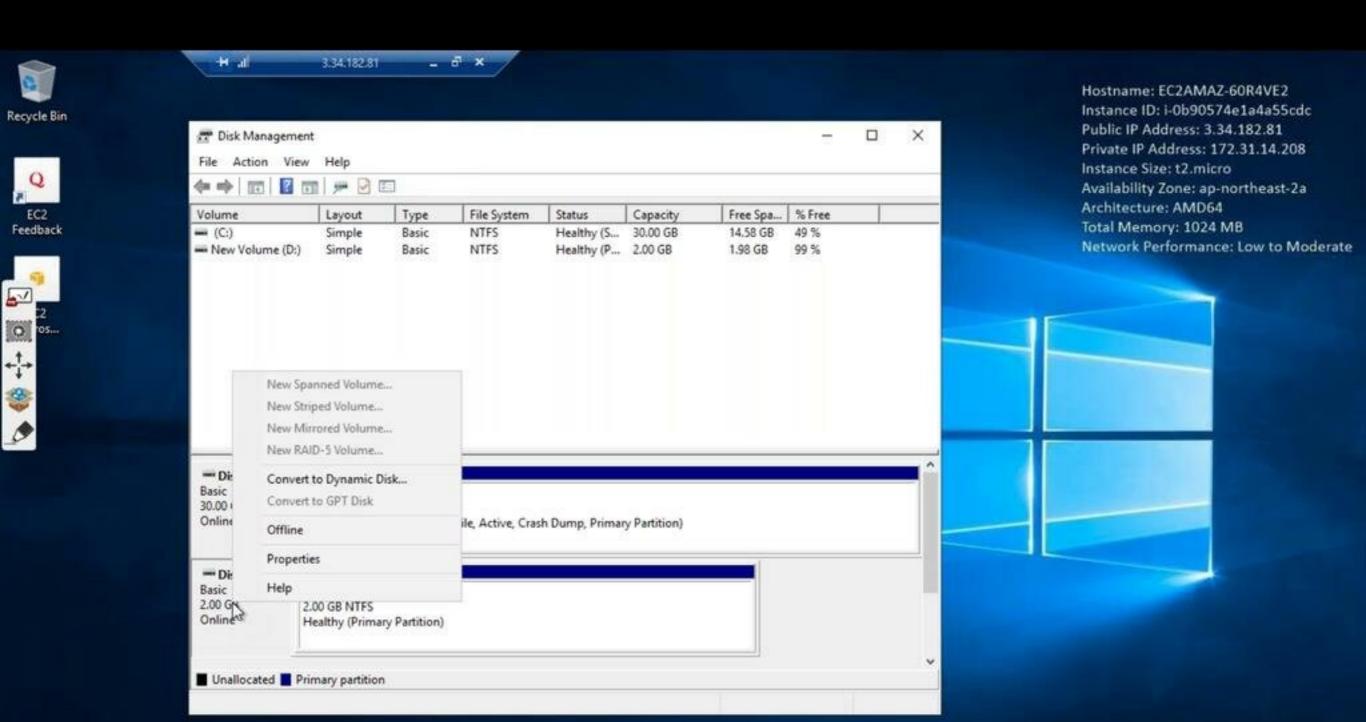
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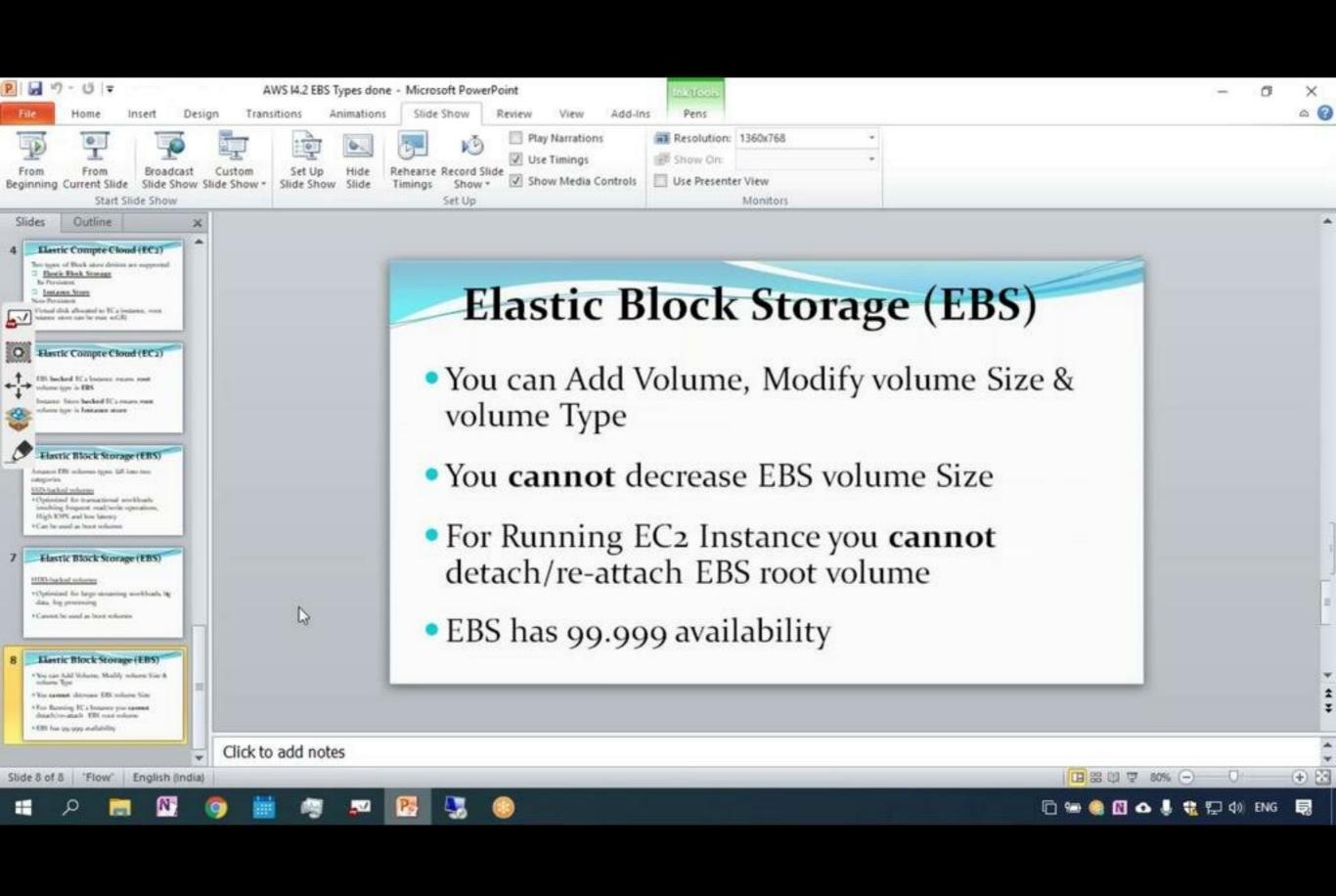
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HDD-backed volumes

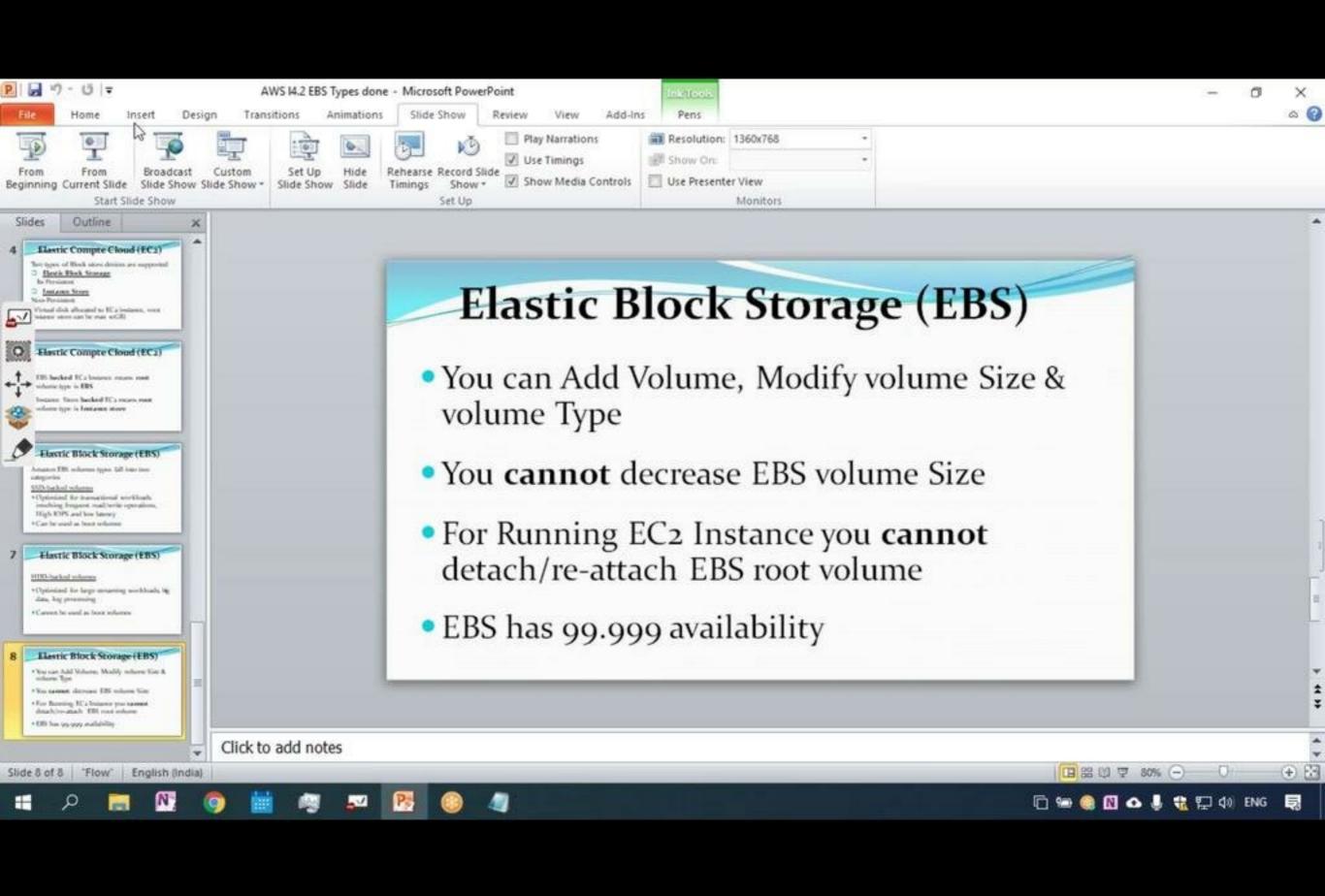
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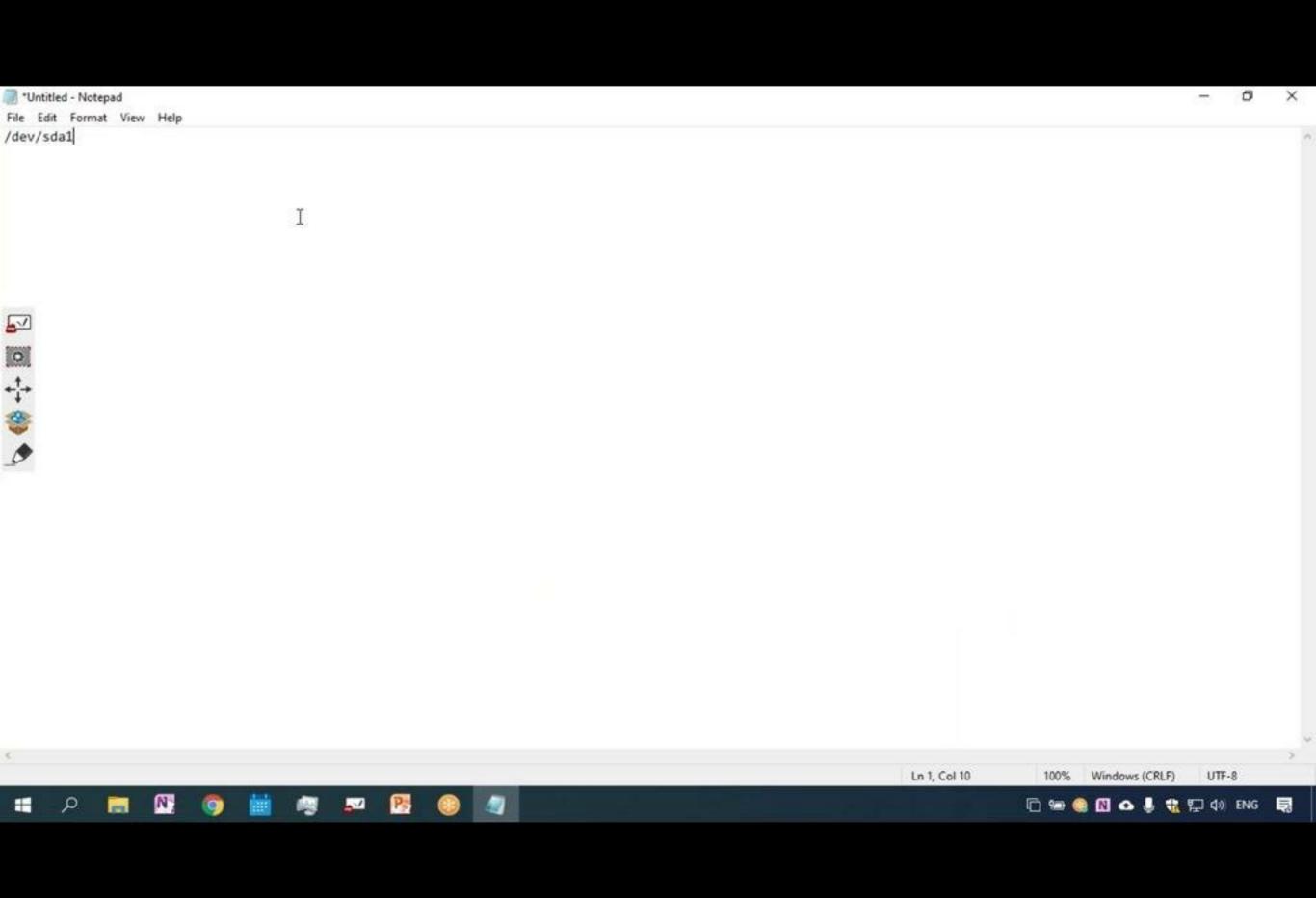
- You can Add Volume, Modify volume Size & volume Type
- You cannot decrease EBS volume Size
- For Running EC2 Instance you cannot detach/re-attach EBS root volume
- EBS has 99.999 availability



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