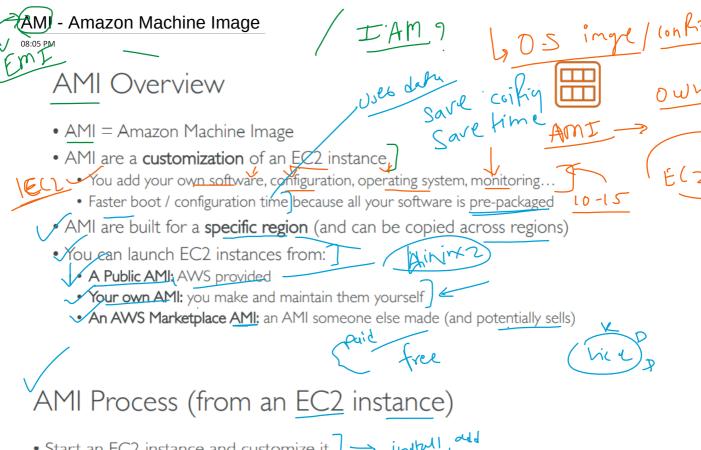
3/7/22, 6:47 PM OneNote



- Start an EC2 instance and customize it → iwhall, and
- ◆ Stop the instance (for data integrity)←
- Build an AMI this will also create EBS snapshots
- Launch instances from other AMIs



Instance Store



- EBS volumes are **network drives** with good but "limited" performance
- If you need a high-performance hardware disk, use EC2 Instance Store
- Better I/O performance
- EC2 Instance Store lose their storage if they're stopped (ephemeral)
- Good for buffer / cache / scratch data / temporary content
- Risk of data loss if hardware fails
- Backups and Replication are your responsibility

Local EC2 Instance Store

very mgm iors

Instance Size	100% Random Read IOPS	Write IOPS
i3.large*	100,125	35,000
i3.xlarge*	206,250	70,000
i3.2xlarge	412,500	180,000
i3.4xlarge	825,000	360,000
i3.8xlarge	1.65 million	720,000
i3.16xlarge	3.3 million	1.4 million
i3.metal	3.3 million	1.4 million
i3en.large*	42,500	32,500
i3en.xlarge*	85,000	65,000
i3en.2xlarge*	170,000	130,000
i3en.3xlarge	250,000	200,000
i3en.6xlarge	500,000	400,000
i3en.12xlarge	1 million	800,000
i3en.24xlarge	2 million	1.6 million
i3en.metal	2 million	1.6 million