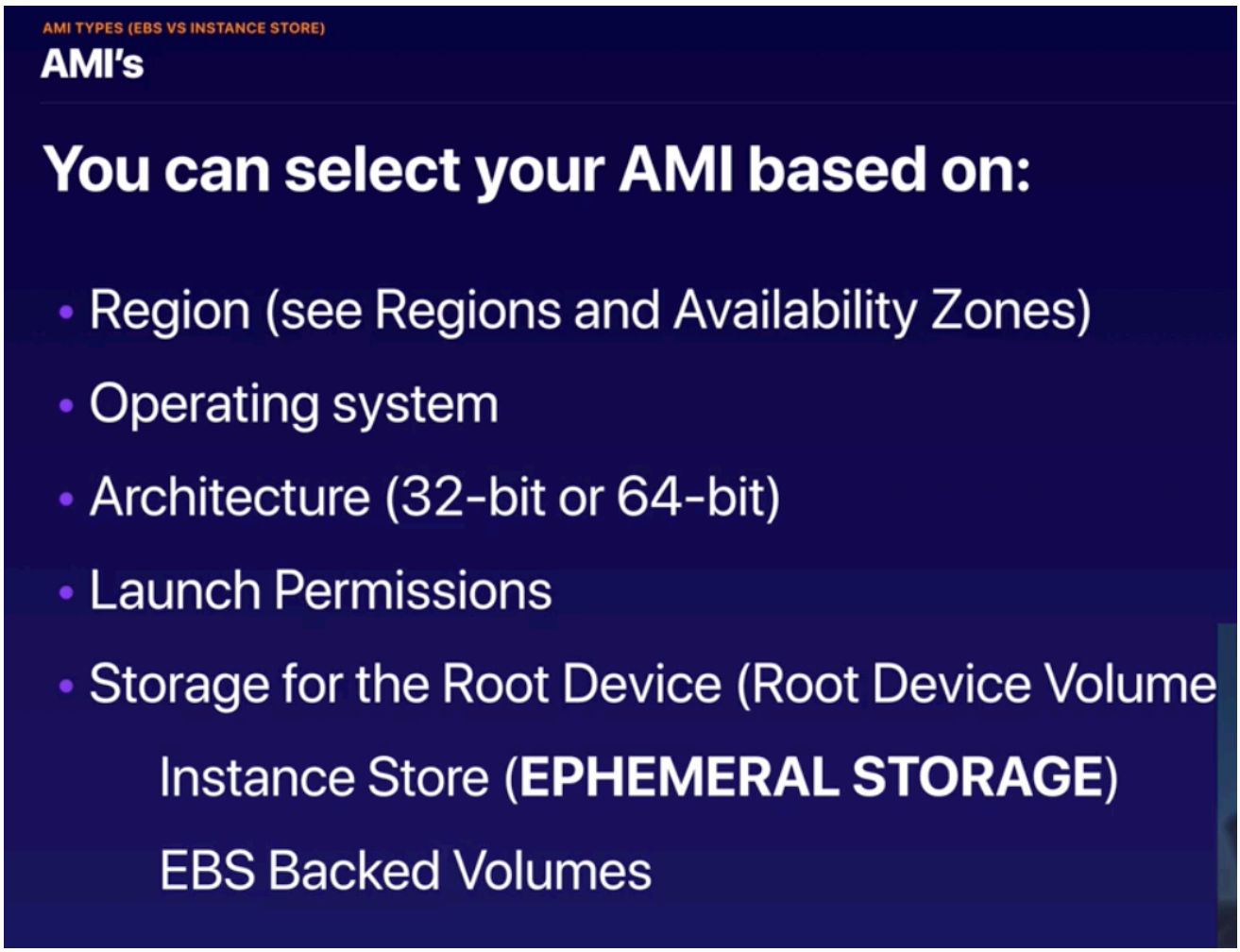
AMI Types (EBS v Instatnce Stores)



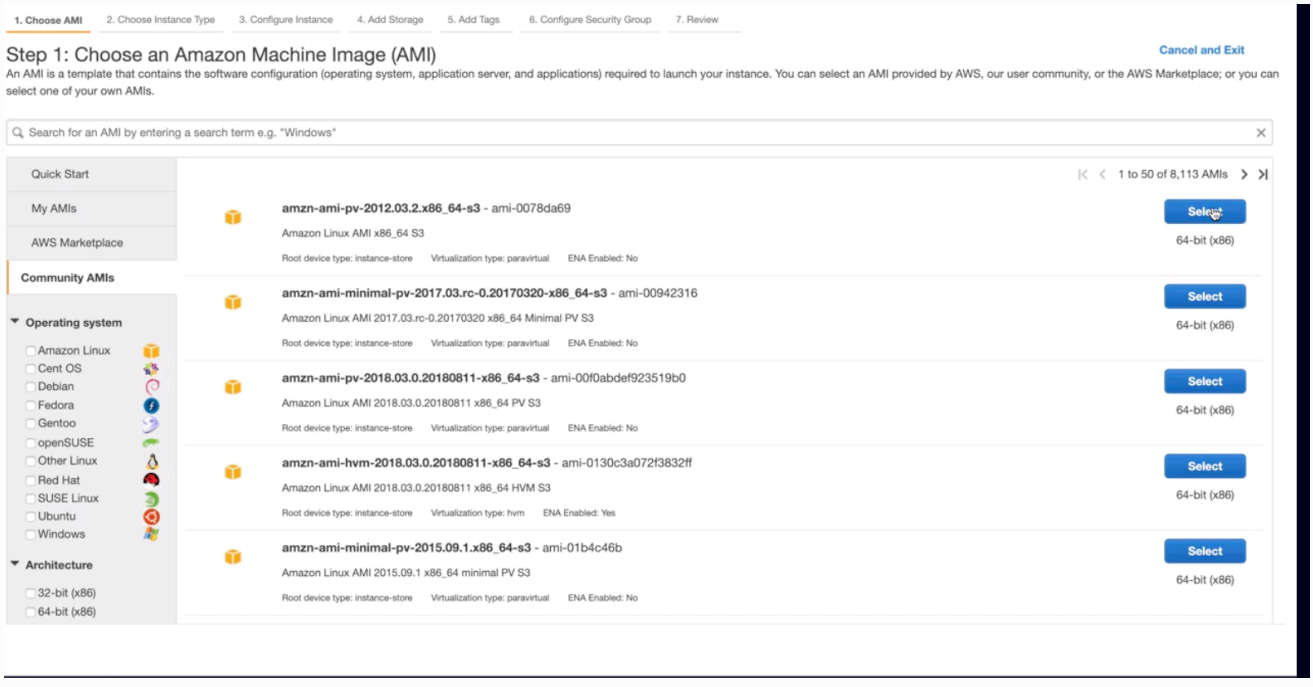
AMI TYPES (EBS VS INSTANCE STORE)

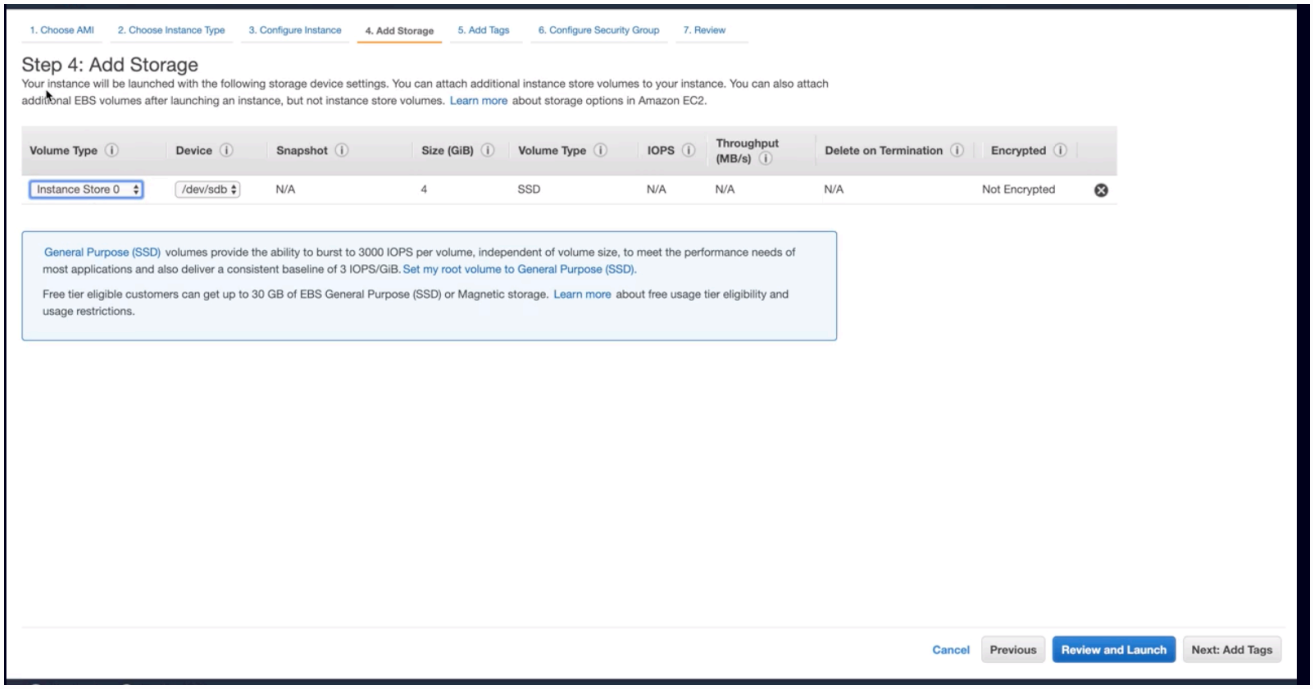
EBS vs Instance Store Volumes

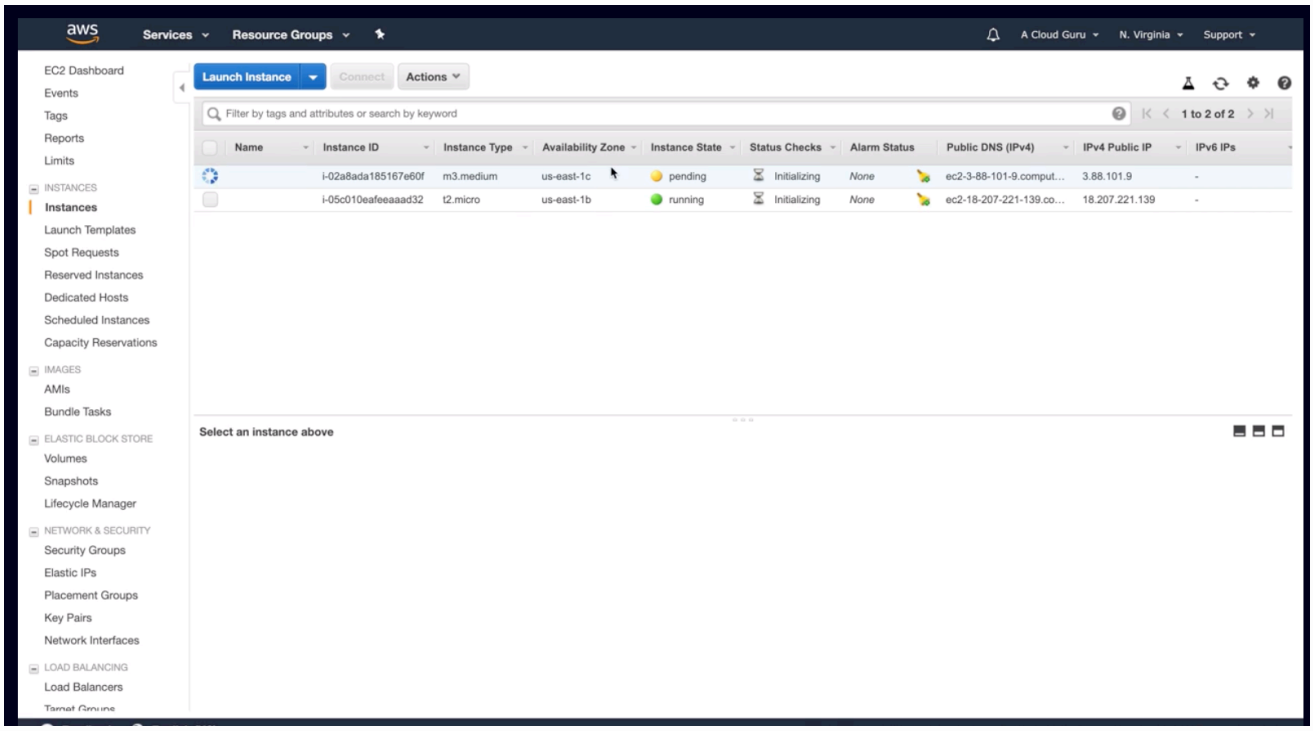
All AMIs are categorized as either backed by Amazon EBS or backed by instance store.

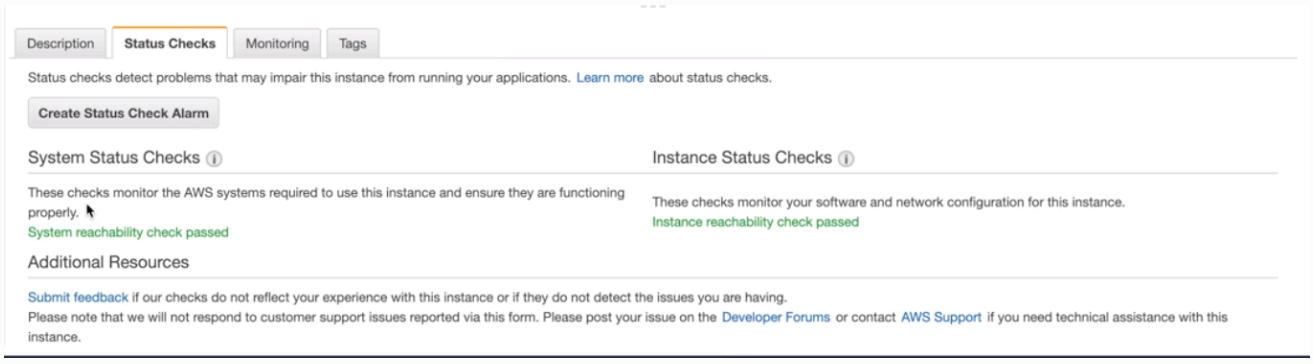
For EBS Volumes: The root device for an instance launched from the AMI is an Amazon EBS volume created from an Amazon EBS snapshot.

For Instance Store Volumes: The root device for an instance launched from the AMI is an instance store volume created from a template stored in Amazon S3.




1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional instance store volumes to your instance. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encrypted
Instance Store 0
/dev/sdb
N/A
4
SSD
N/A
N/A
N/A
Not Encrypted
General Purpose (SSD) volumes provide the ability to burst to 3000 IOPS per volume, independent of volume size, to meet the performance needs of most applications and also deliver a consistent baseline of 3 IOPS/GiB. Set my root volume to General Purpose (SSD).
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.
Cancel
Previous
Review and Launch
Next: Add Tags


aws
Services
Resource Groups
A Cloud Guru
N. Virginia
Support
EC2 Dashboard
Events
Tags
Reports
Limits
INSTANCES
Instances
Launch Templates
Spot Requests
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
IMAGES
AMIs
Bundle Tasks
ELASTIC BLOCK STORE
Volumes
Snapshots
Lifecycle Manager
NETWORK & SECURITY
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
LOAD BALANCING
Load Balancers
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
i-02a8ada185167e60f
m3.medium
us-east-1c
pending
Initializing
None
ec2-3-88-101-9.comput...
3.88.101.9
i-05c010eafeeaaad32
t2.micro
us-east-1b
running
Initializing
None
ec2-18-207-221-139.co...
18.207.221.139
Select an instance above


Description
Status Checks
Monitoring
Tags
Status checks detect problems that may impair this instance from running your applications. Learn more about status checks.
Create Status Check Alarm
System Status Checks
These checks monitor the AWS systems required to use this instance and ensure they are functioning properly.
System reachability check passed
Instance Status Checks
These checks monitor your software and network configuration for this instance.
Instance reachability check passed
Additional Resources
Submit feedback if our checks do not reflect your experience with this instance or if they do not detect the issues you are having.
Please note that we will not respond to customer support issues reported via this form. Please post your issue on the Developer Forums or contact AWS Support if you need technical assistance with this instance.

- Instance Store Volumes are sometimes called Ephemeral Storage.
- Instance store volumes cannot be stopped. If the underlying host fails, you will lose your data.
- EBS backed instances can be stopped. You will not lose the data on this instance if it is stopped.
- You can reboot both, you will not lose your data.
- By default, both ROOT volumes will be deleted on termination. However, with EBS volumes, you can tell AWS to keep the root device volume.