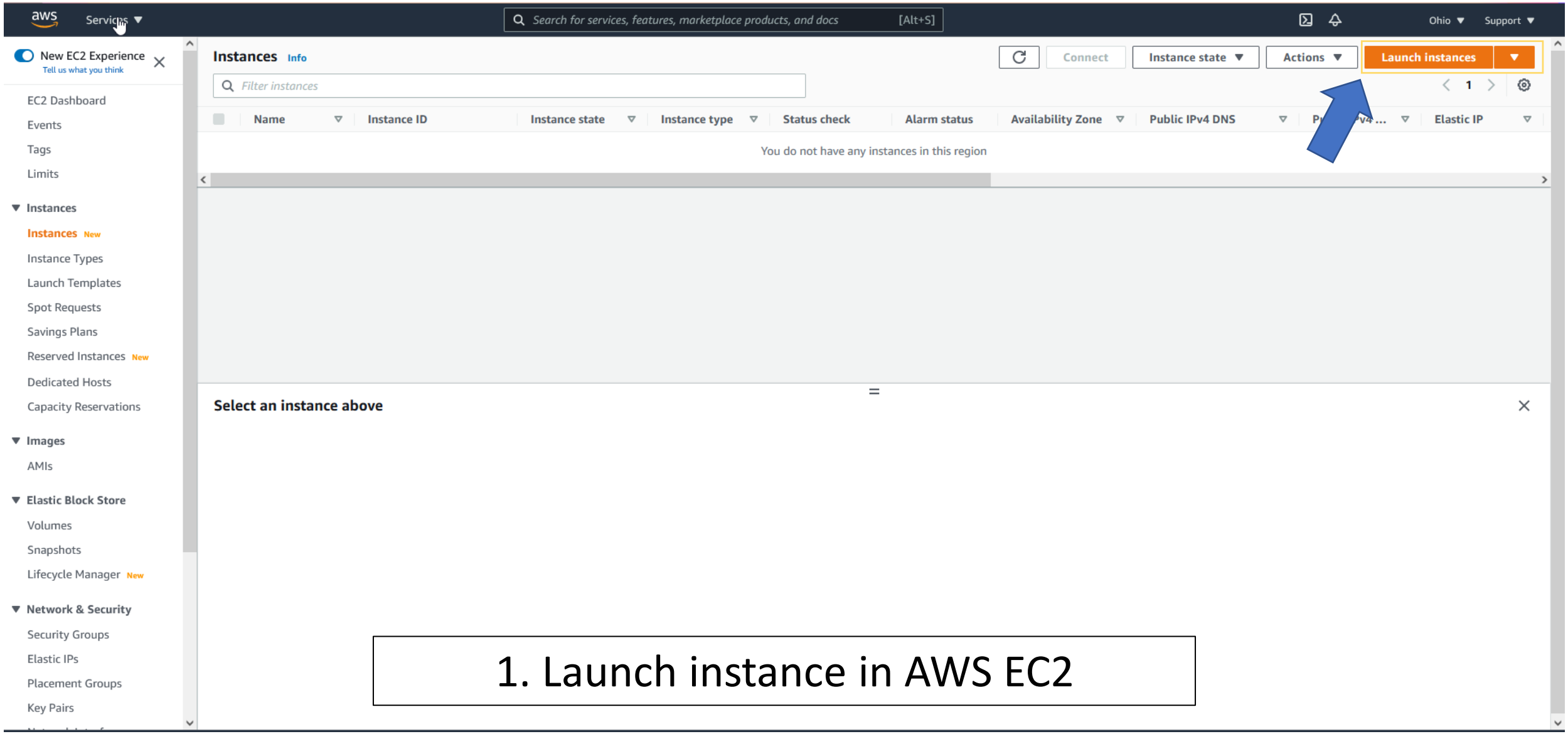
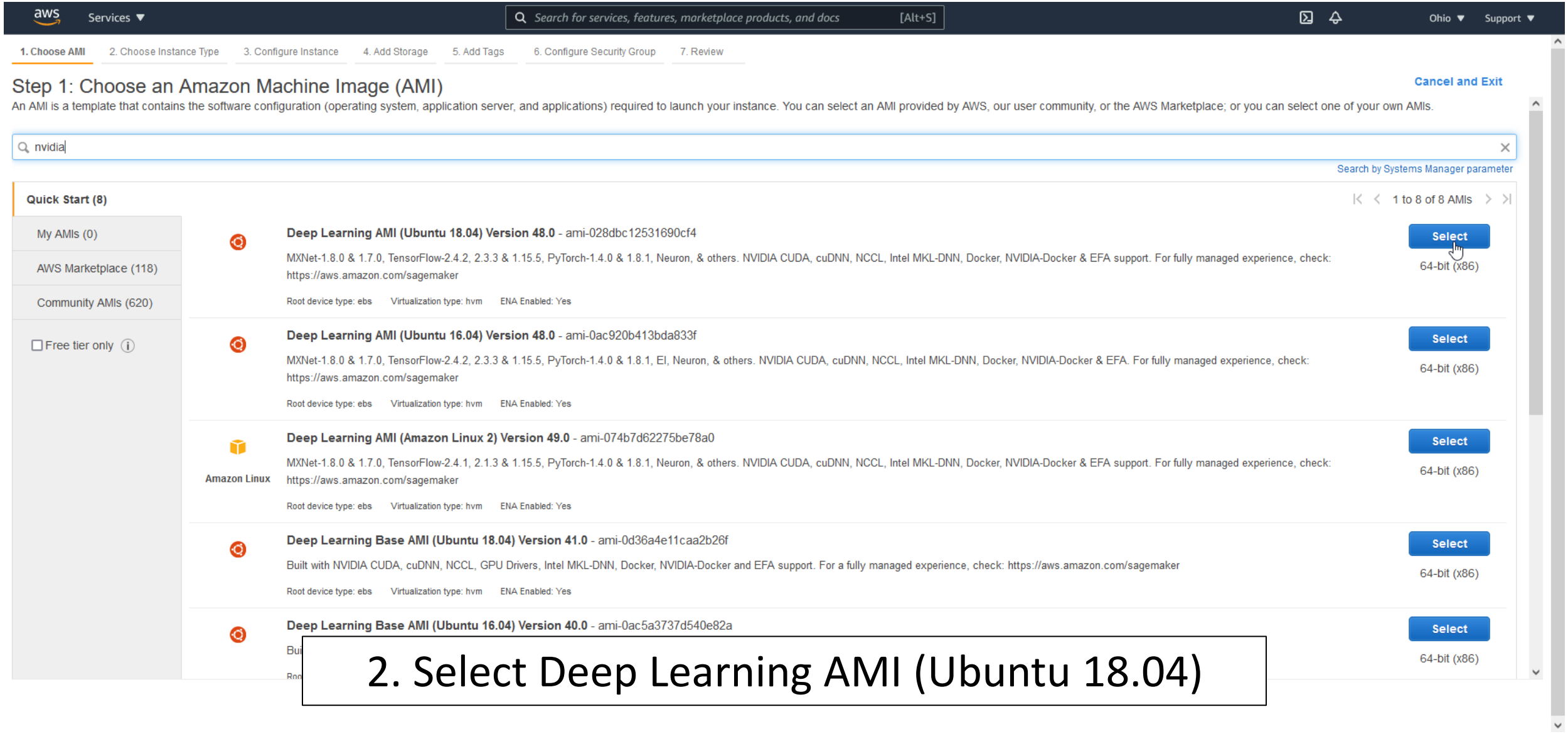
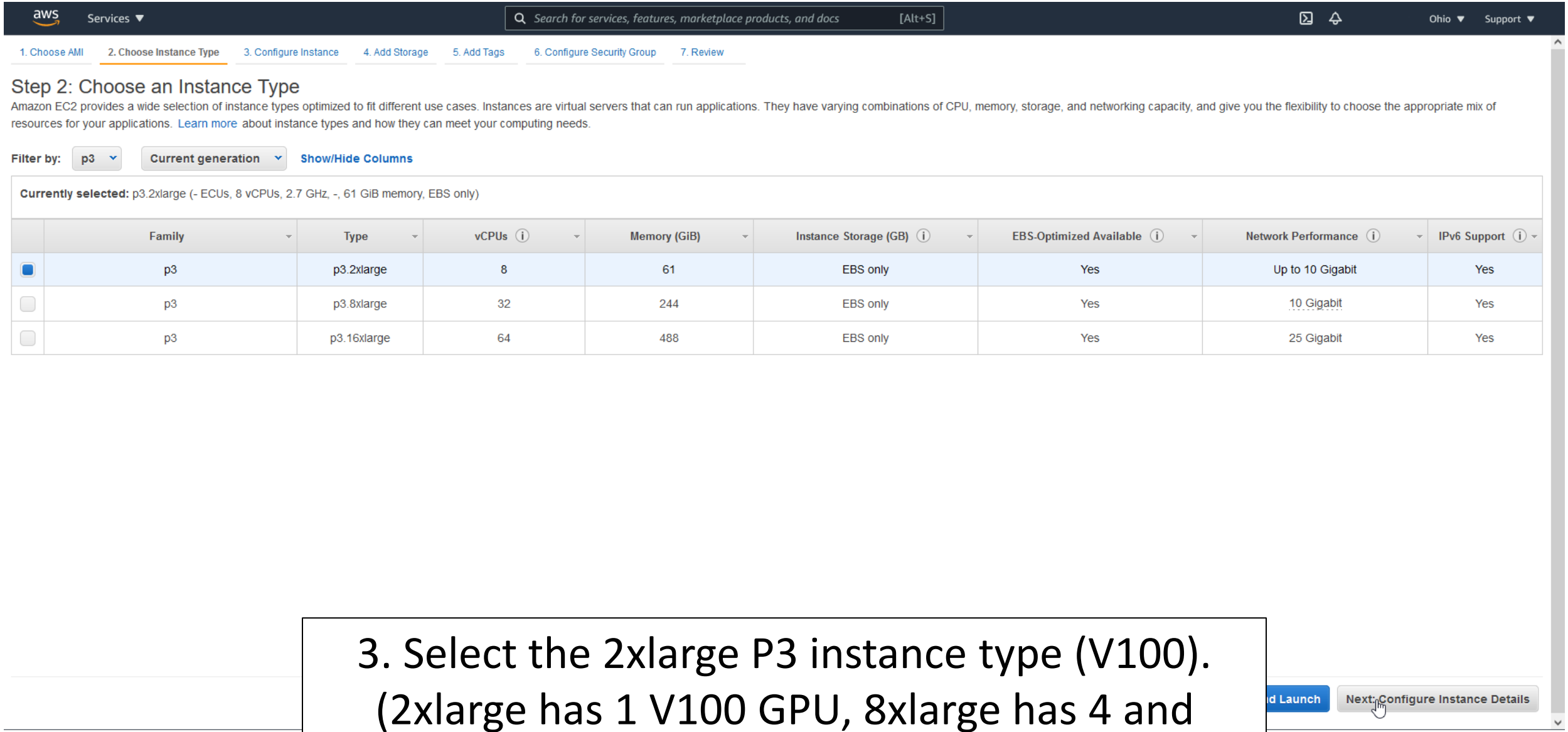


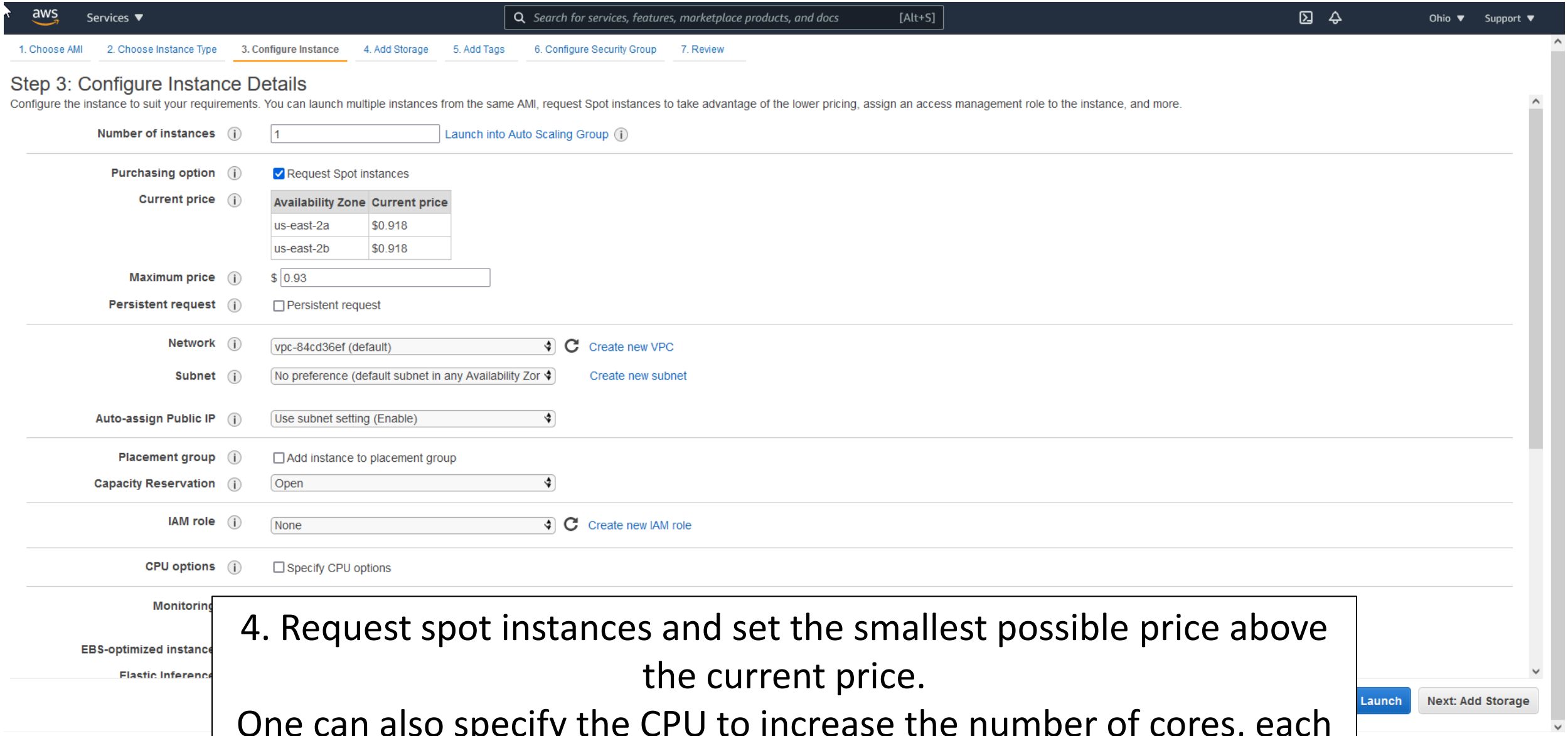
1. Launch instance in AWS EC2



2. Select Deep Learning AMI (Ubuntu 18.04)

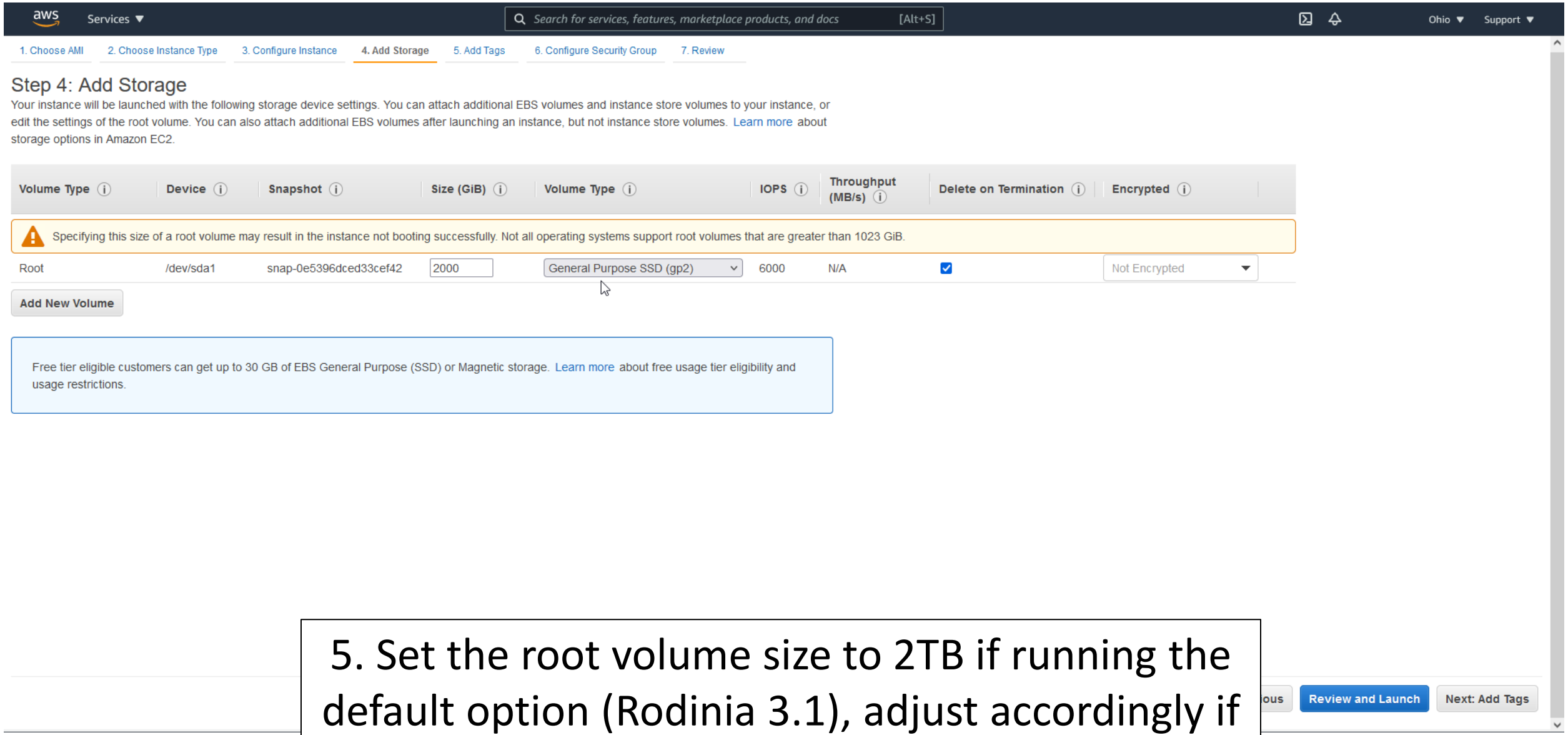


3. Select the 2xlarge P3 instance type (V100). (2xlarge has 1 V100 GPU, 8xlarge has 4 and 16xlarge has 8)

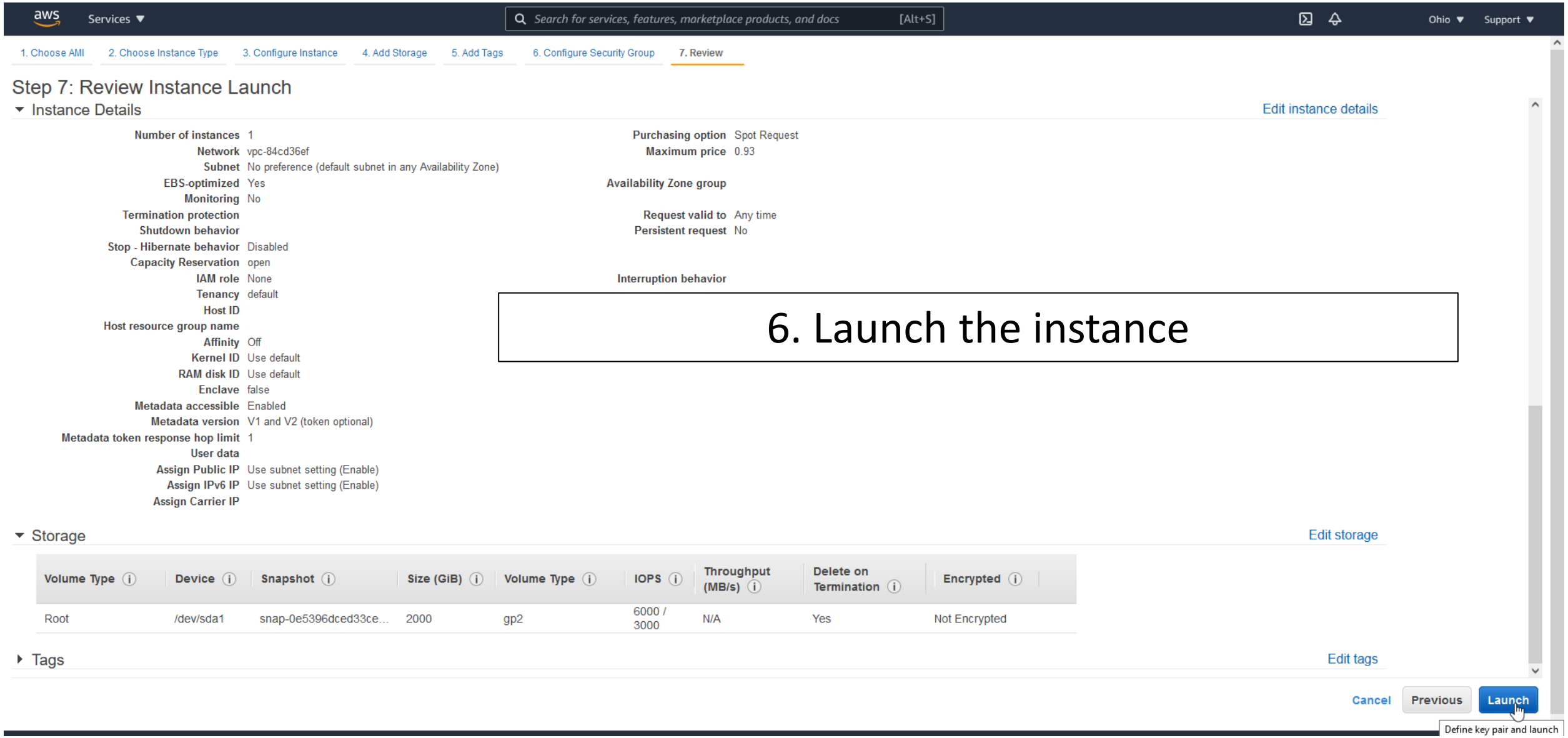


4. Request spot instances and set the smallest possible price above the current price.

One can also specify the CPU to increase the number of cores, each simulation uses a single thread.



5. Set the root volume size to 2TB if running the default option (Rodinia 3.1), adjust accordingly if running more benchmarks.


aws
Services
Search for services, features, marketplace products, and docs [Alt+S]
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
Instance Details
Edit instance details
Number of instances 1
Network vpc-84cd36ef
Subnet No preference (default subnet in any Availability Zone)
EBS-optimized Yes
Monitoring No
Termination protection
Shutdown behavior
Stop - Hibernate behavior Disabled
Capacity Reservation open
IAM role None
Tenancy default
Host ID
Host resource group name
Affinity Off
Kernel ID Use default
RAM disk ID Use default
Enclave false
Metadata accessible Enabled
Metadata version V1 and V2 (token optional)
Metadata token response hop limit 1
User data
Assign Public IP Use subnet setting (Enable)
Assign IPv6 IP Use subnet setting (Enable)
Assign Carrier IP
Purchasing option Spot Request
Maximum price 0.93
Availability Zone group
Request valid to Any time
Persistent request No
Interruption behavior
6. Launch the instance
Storage
Edit storage
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encrypted
Root
/dev/sda1
snap-0e5396dced33ce...
2000
gp2
6000 / 3000
N/A
Yes
Not Encrypted
Tags
Edit tags
Cancel
Previous
Launch
Define key pair and launch