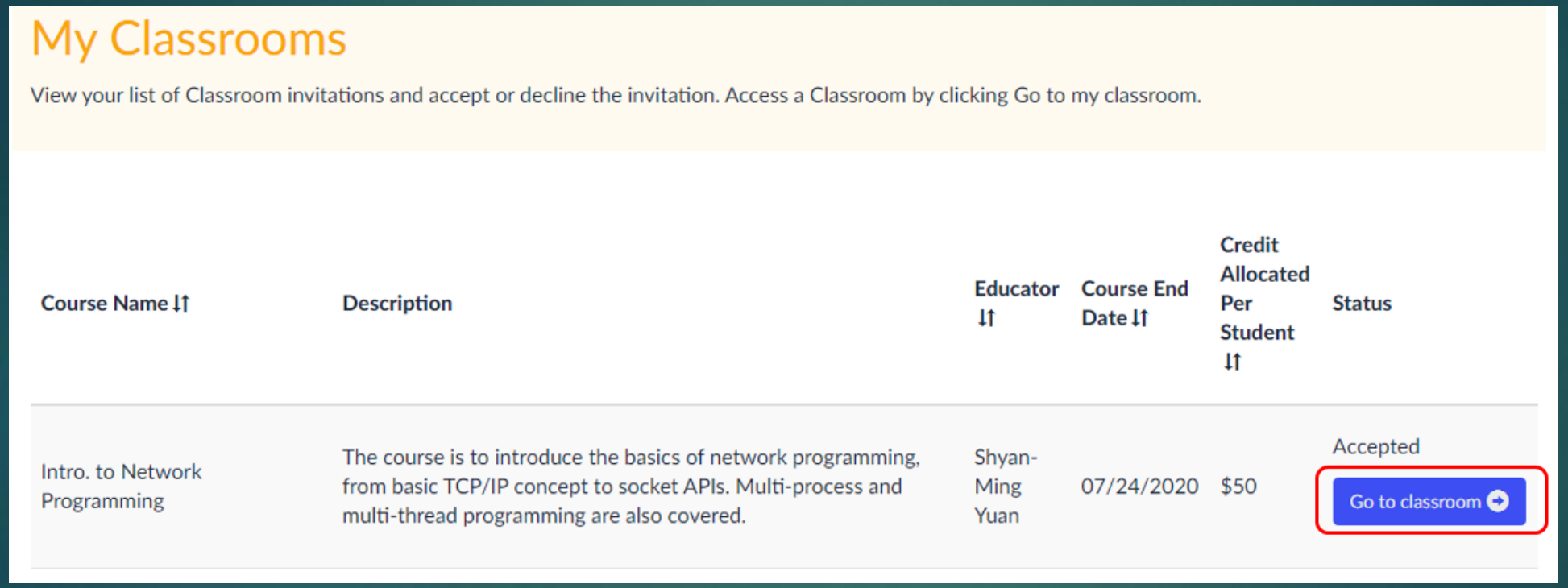
AWS Educate

AMAZON EC2 INSTANCE

Click "Go to classroom"

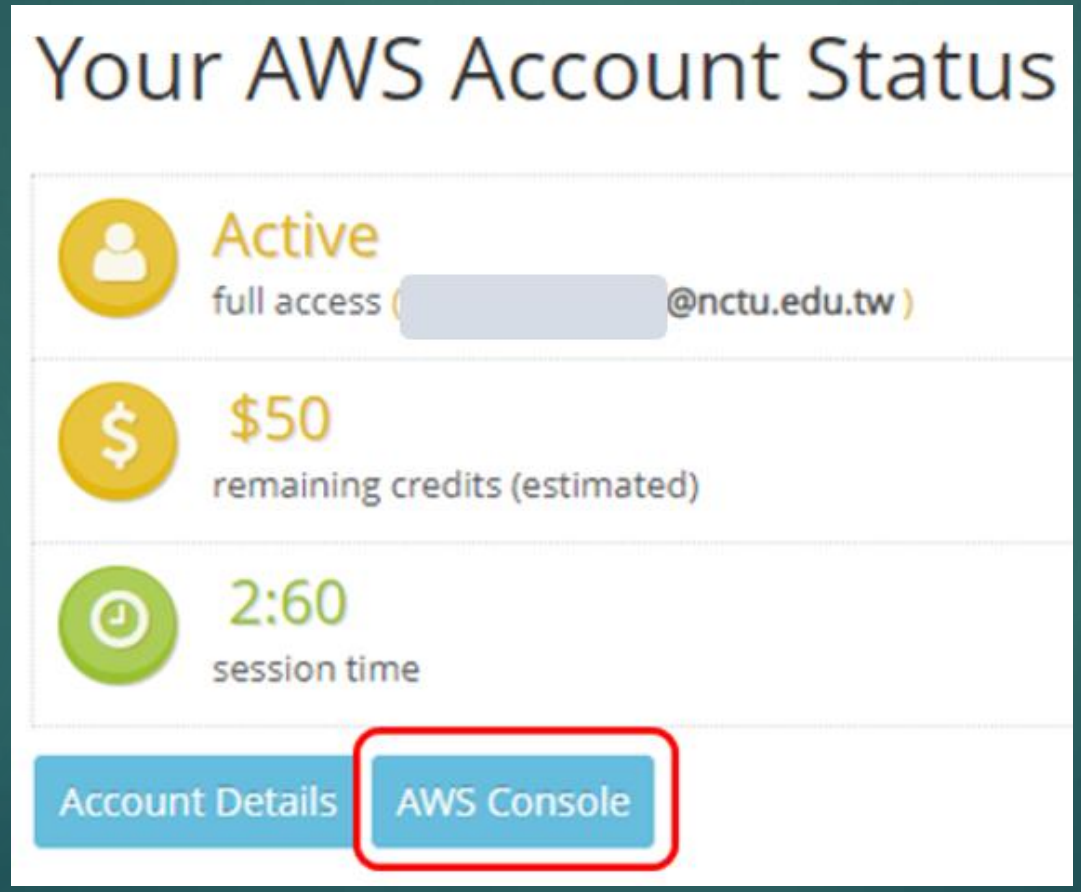


My Classrooms

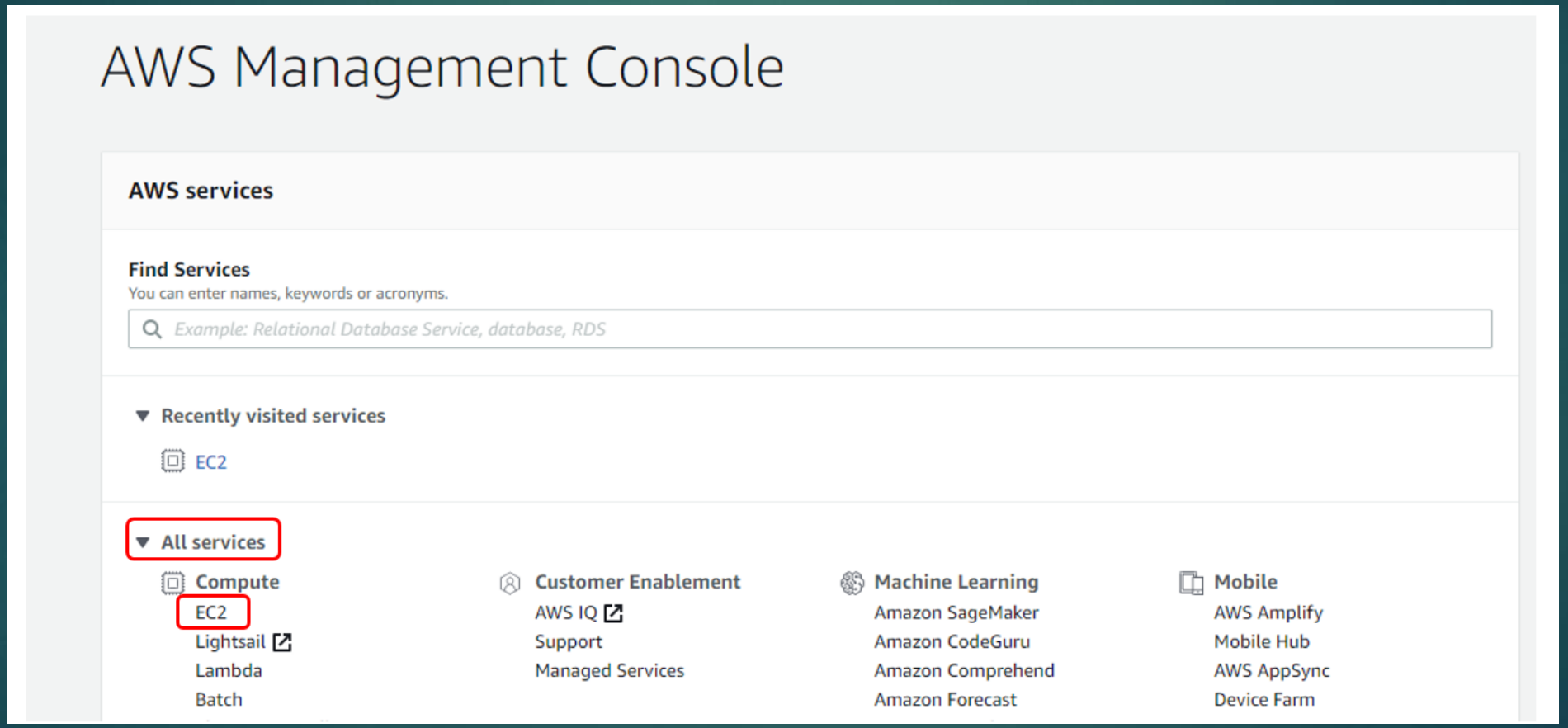
View your list of Classroom invitations and accept or decline the invitation. Access a Classroom by clicking Go to my classroom.

Course Name	Description	Educator	Course End Date	Credit Allocated Per Student	Status
Intro. to Network Programming	The course is to introduce the basics of network programming, from basic TCP/IP concept to socket APIs. Multi-process and multi-thread programming are also covered.	Shyan-Ming Yuan	07/24/2020	$50	Accepted Go to classroom

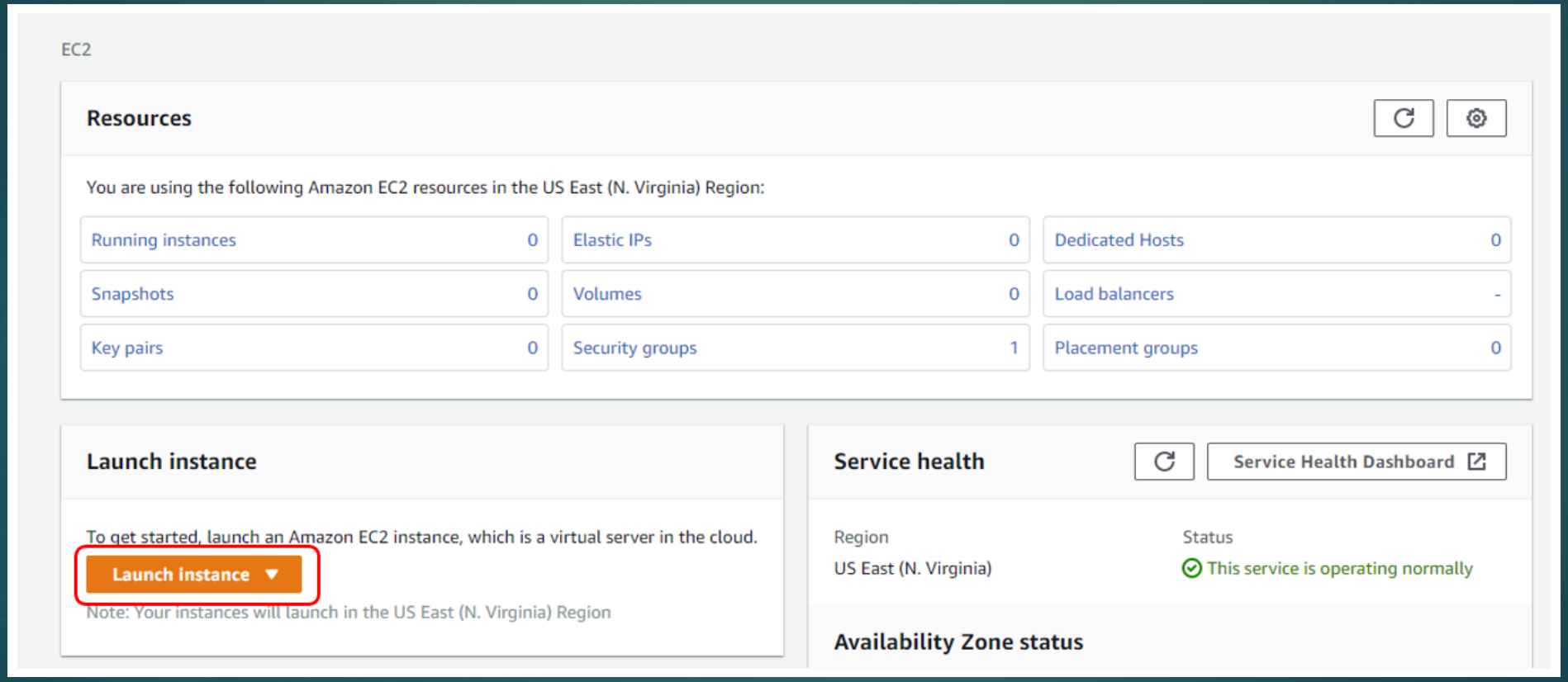
Click “AWS Console”



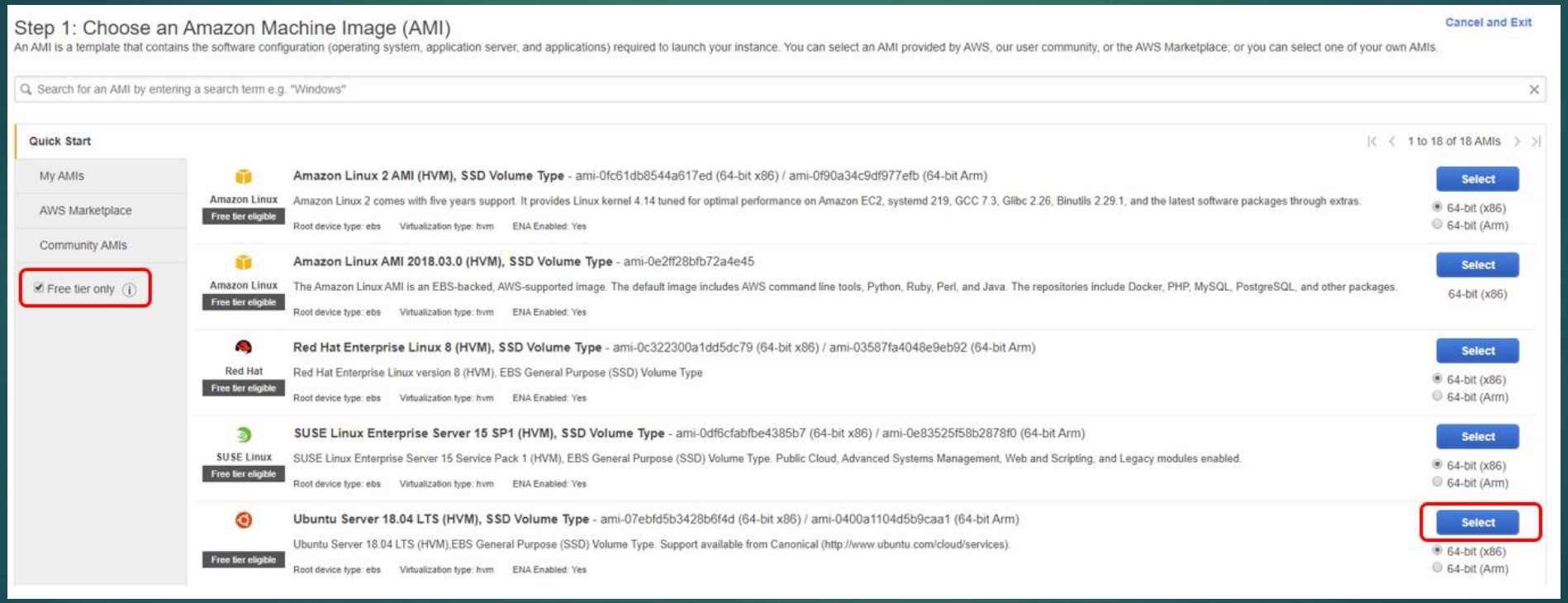
Click “All services” and “EC2”



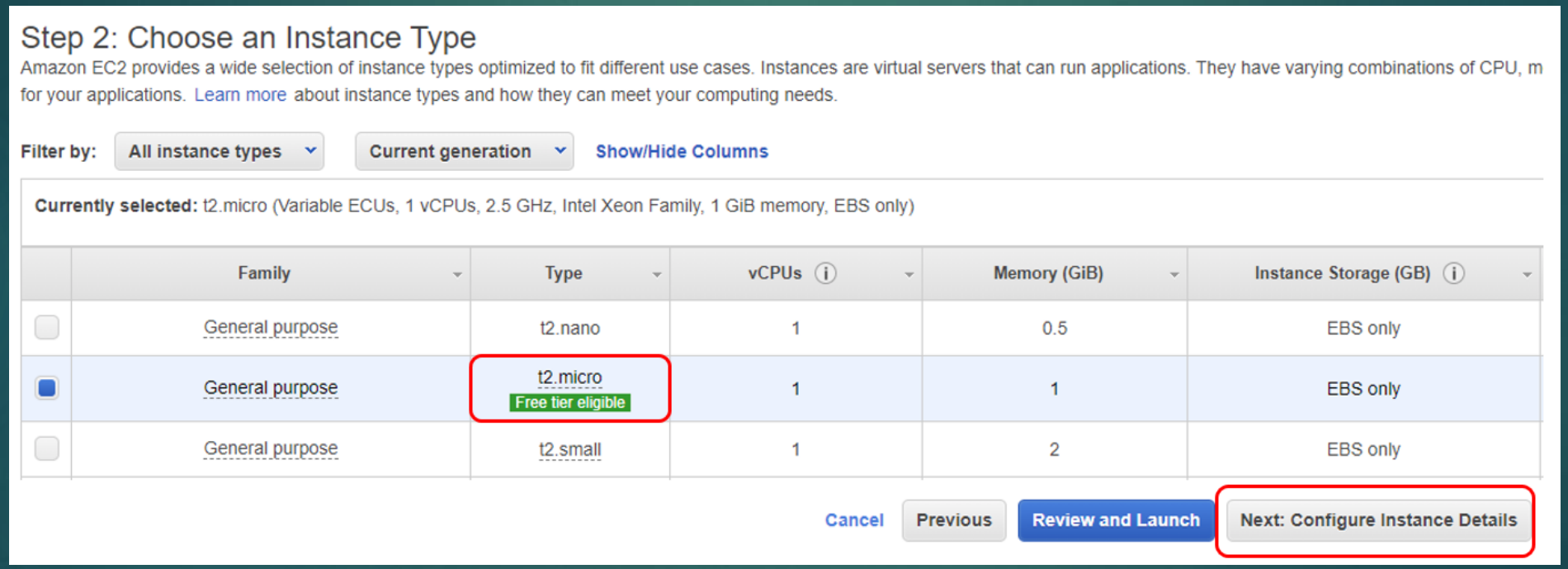
Click “Launch Instance”



Select the Free tier operating system for your machine and click “select”



Choose a free instance type and click “Next”



Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, m
for your applications. Learn more about instance types and how they can meet your computing needs.

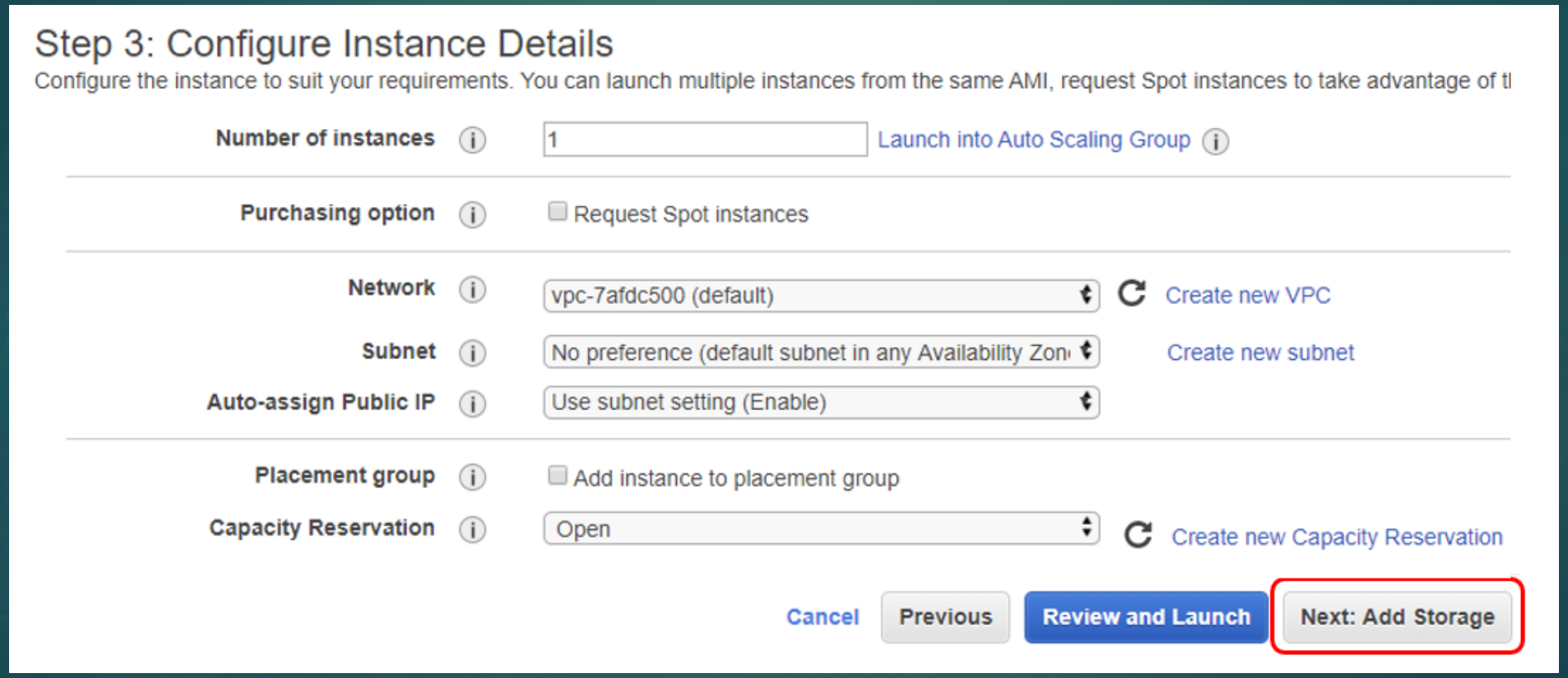
Filter by: All instance types | Current generation | Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

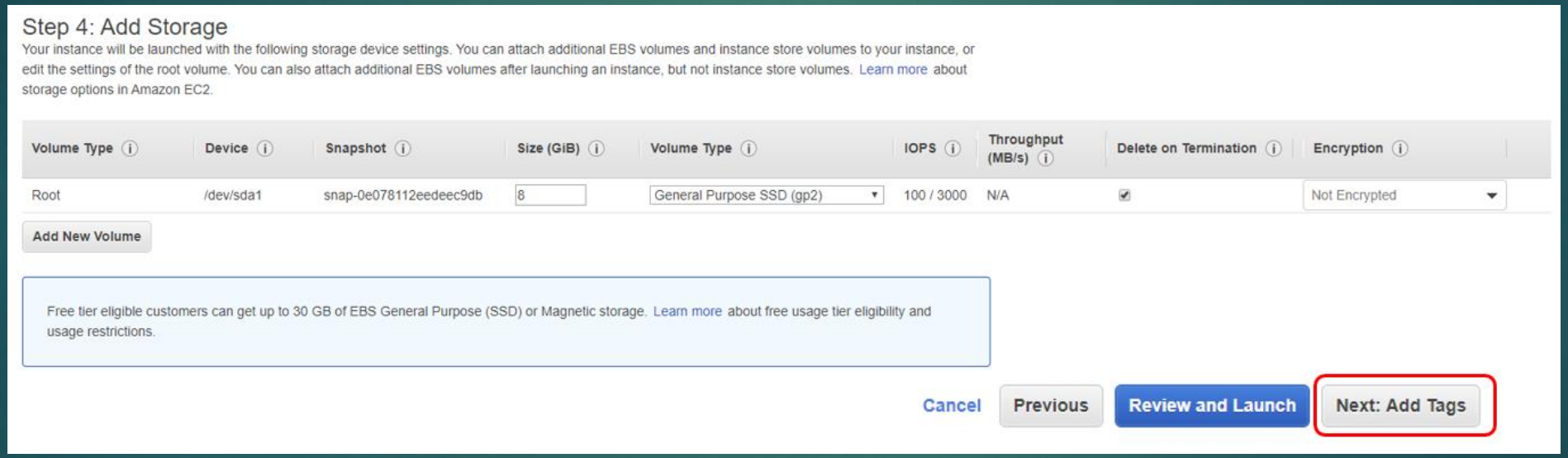
	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)
☐	General purpose	t2.nano	1	0.5	EBS only
☑	General purpose	t2.micro Free tier eligible	1	1	EBS only
☐	General purpose	t2.small	1	2	EBS only

Cancel | Previous | Review and Launch | Next: Configure Instance Details

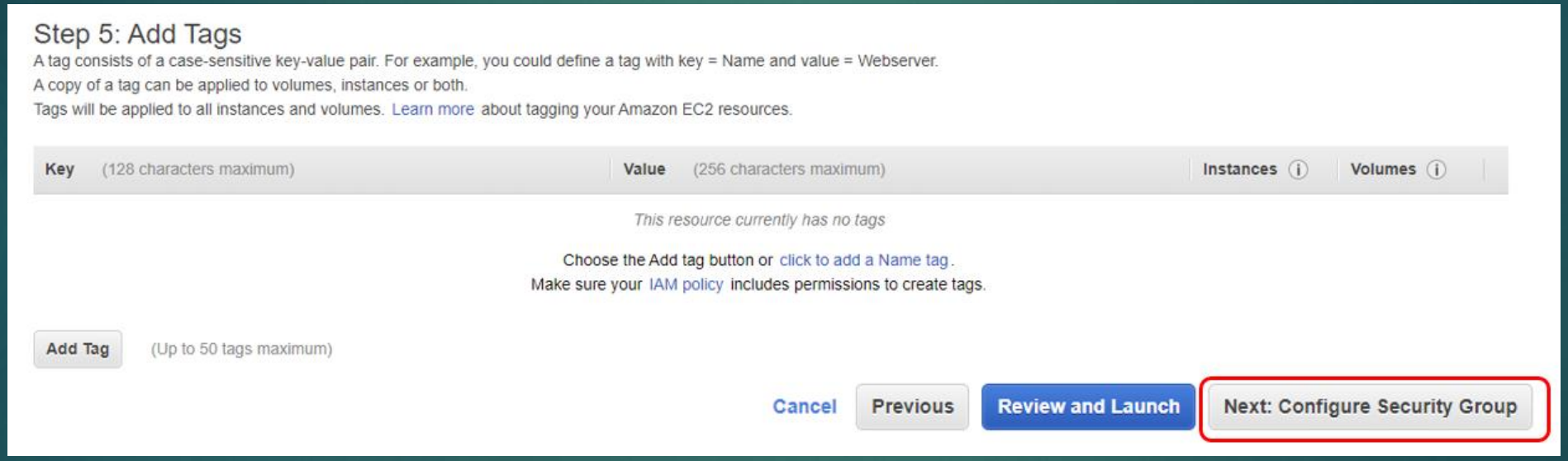
Configure Instance Details and click “Next”



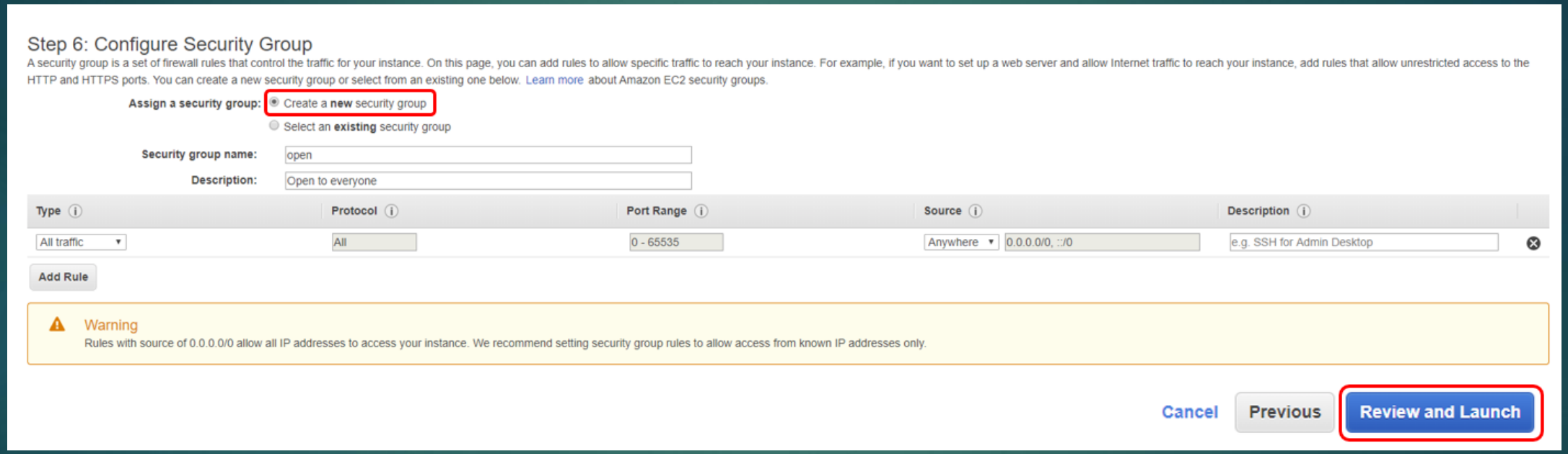
Add storage


Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. 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
Encryption
Root
/dev/sda1
snap-0e078112eedeec9db
8
General Purpose SSD (gp2)
100 / 3000
N/A
Not Encrypted
Add New Volume
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

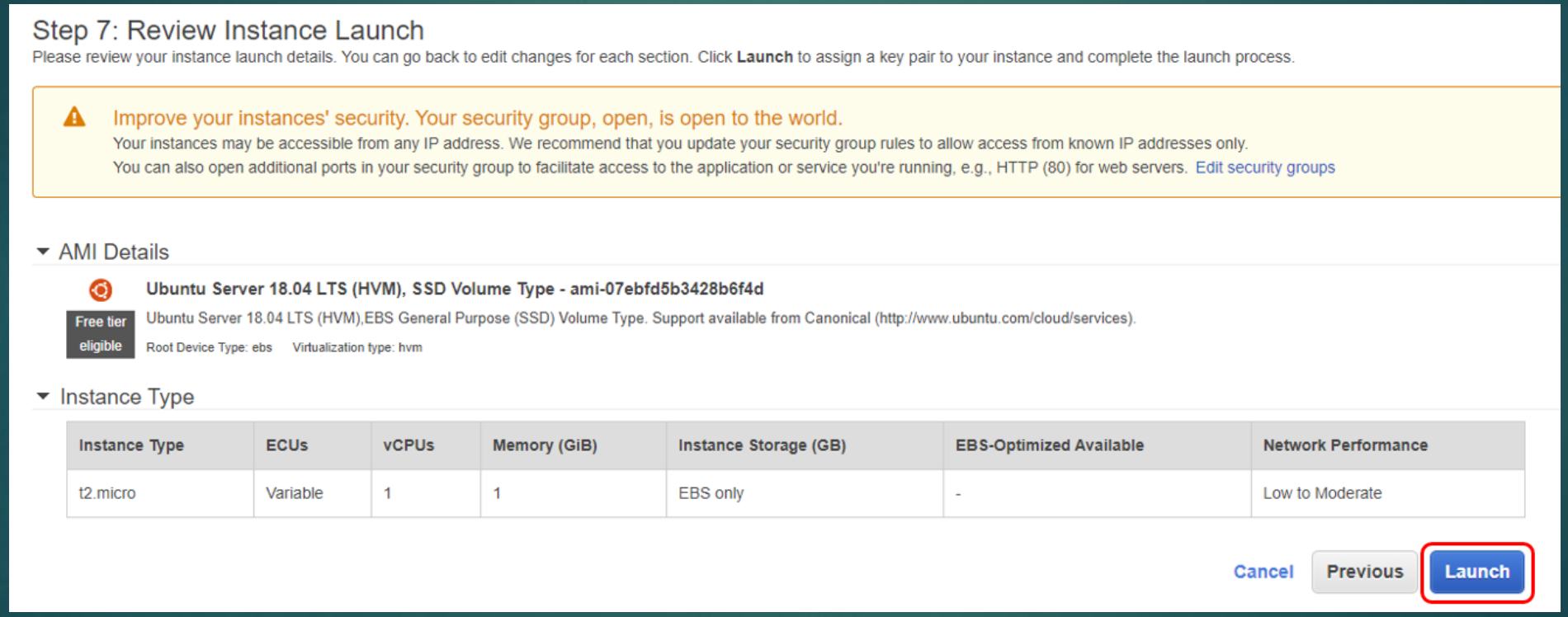
Add tag


Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
This resource currently has no tags
Choose the Add tag button or click to add a Name tag.
Make sure your IAM policy includes permissions to create tags.
Add Tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group

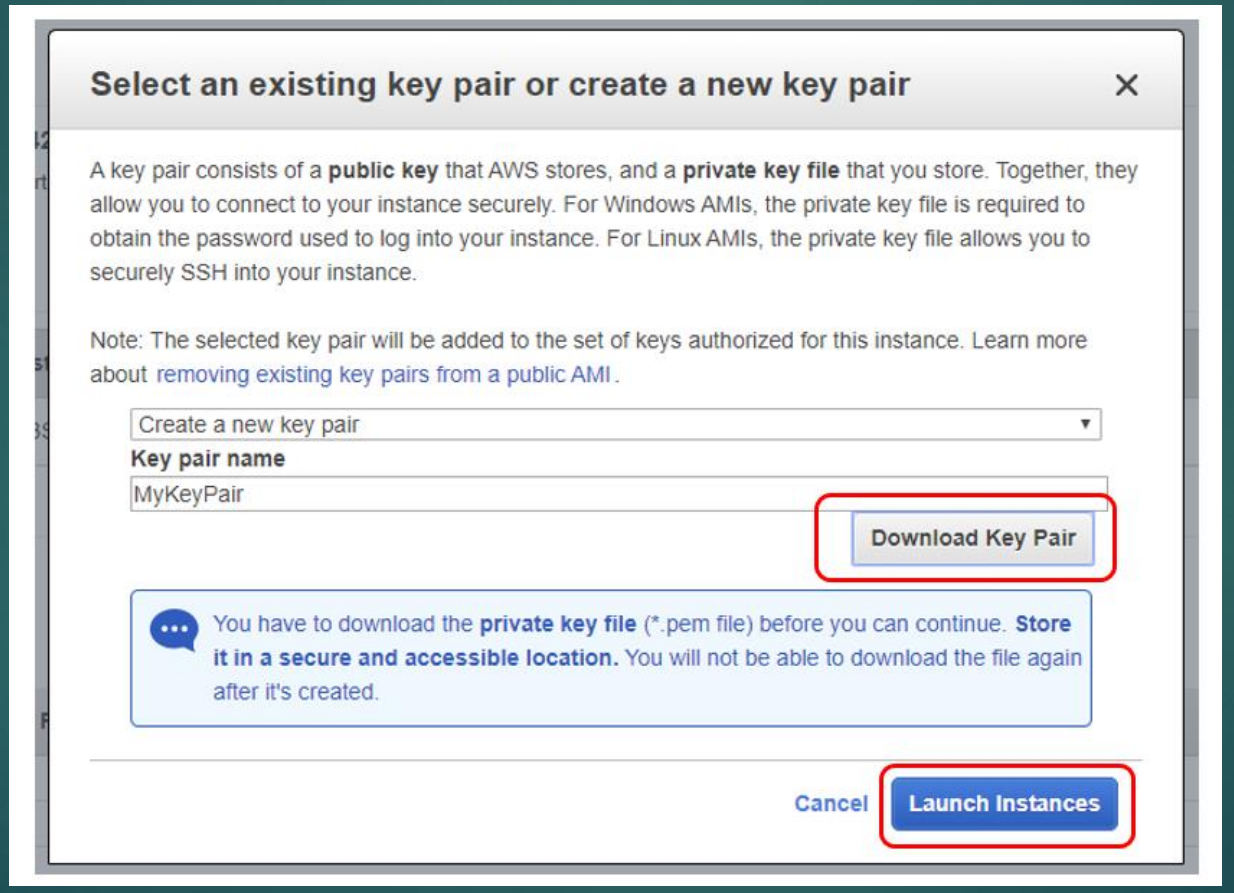
Select the type you want to connect to your instance.
Select the ip you want to allow to access your instance.



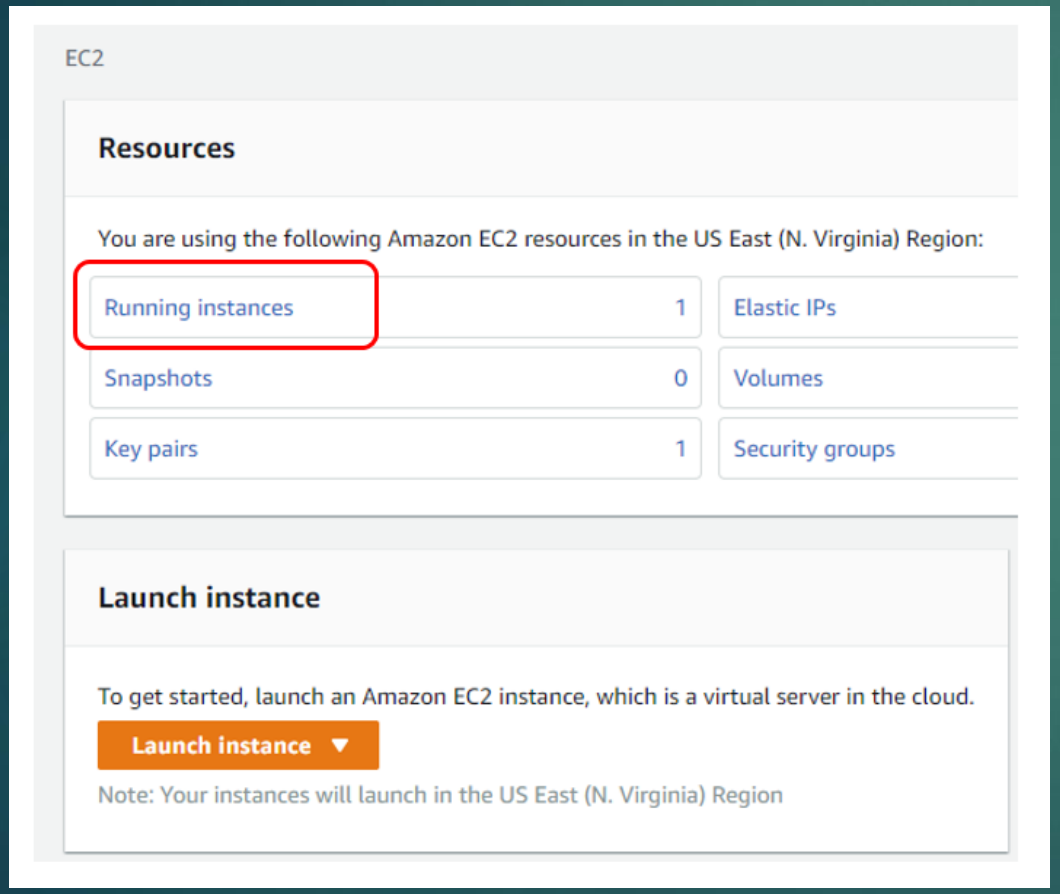
Review the information and click "Launch"

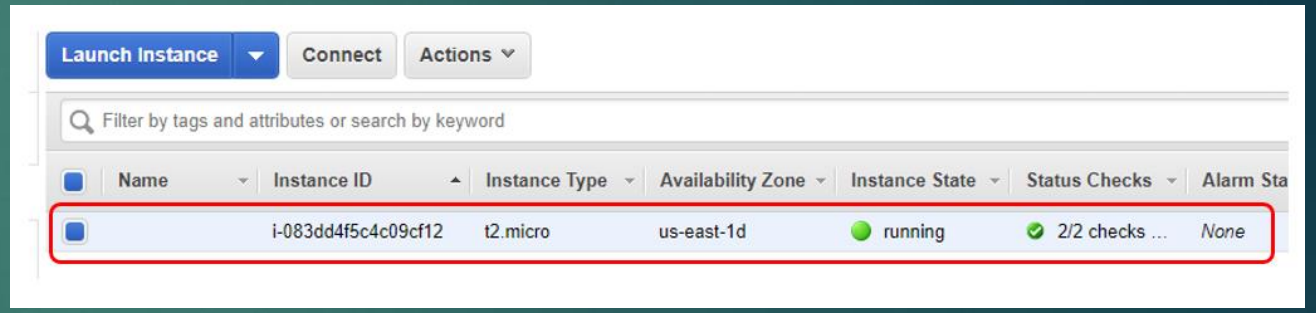


Create a key pair and DOWNLOAD IT Click "Launch Instances"



You will see the instances you created in EC2





Important!!!

To save your money, please stop your instances when you are not using it.