Solution: Launch An EC2 Instance

Use the us-east-1 N.Vriginia region to launch an EC2 instance with the following configuration:

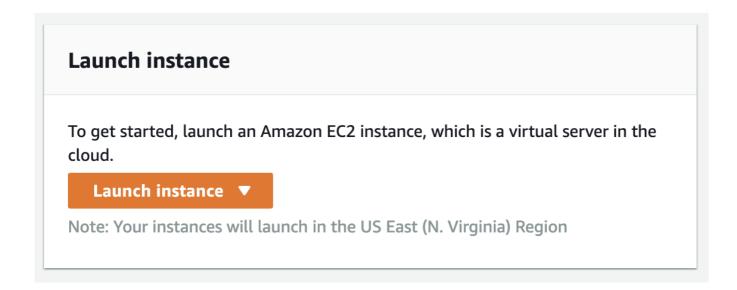
AMI: Amazon Linux

• Instance type: t2.micro

• IP: Public

• Storage size: 20GB

For this exercise, we can skip the creation of a new key pair, and acknowledge that we will not be able to connect to the instance.



Choose the Amazon Linux 2 AMI (HVM), SSD Volume Type 64-bit image.



Select the t2.micro option and click the Next: Configure Instance Details button.



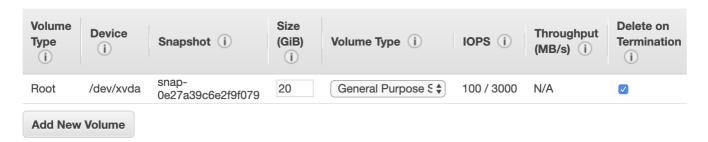
1. Skip the defaults for VPC and Subnet

- 2. Change the Auto-assign Public IP field from the default disabled to Enable and then click Next: Add Storage button
- 3. Change the default size from **8GB** to **20GB**

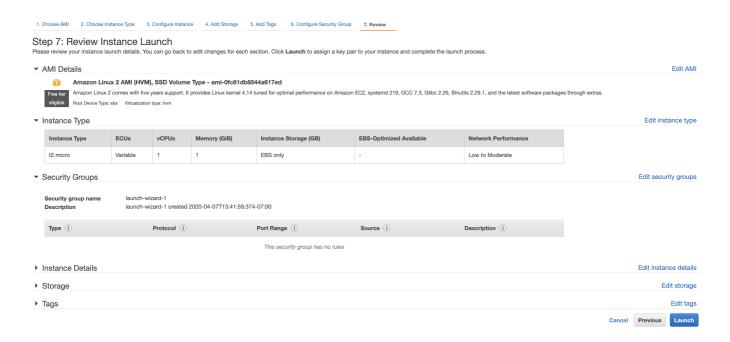


Step 4: Add Storage

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.



Since we do not need any further configuration we can click on the Review and Launch button.



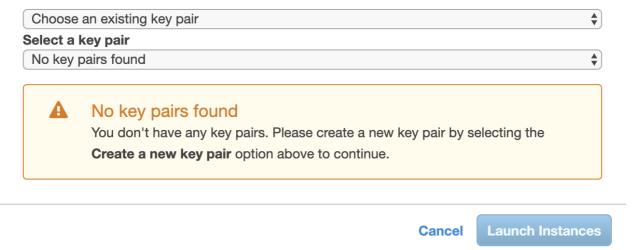
Choose to proceed without an SSH key pair.

Select an existing key pair or create a new key pair



A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.

Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.



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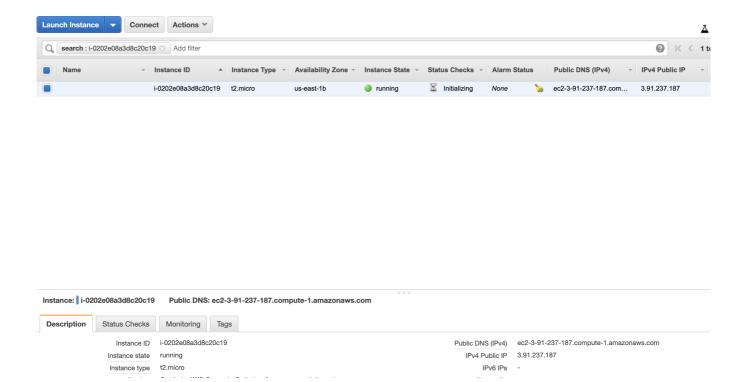


Select Proceed without a key pair and check the box for I acknowledge that.... Then click on the Launch Instances button.

Launch Status



Every instance has an ID. If we click on the ID starting with the prefix i- we can see the instance.



In this page we can verify that:

- Our instance type is: t2.micro
- An IPv4 Public IP has been allocated
- The instance is running
 - The instance may first take several minutes to boot