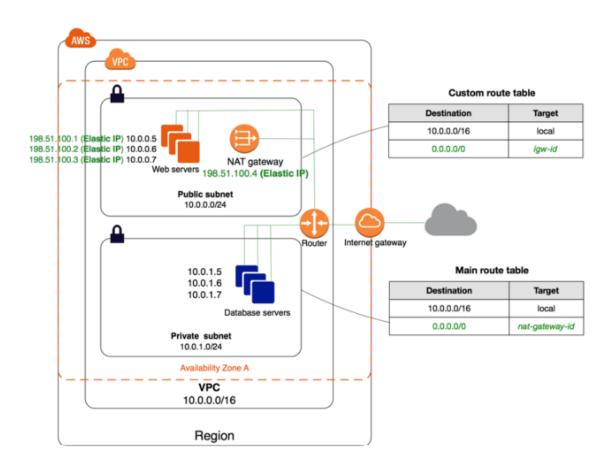
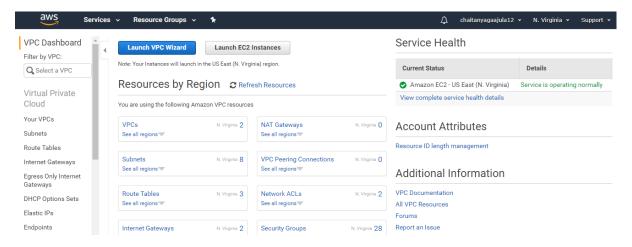
CREATING A NON-DEFAULT VPC USING VPC WIZARD

Ref: https://docs.aws.amazon.com/vpc/latest/userguide/VPC_Scenarios.html

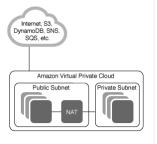


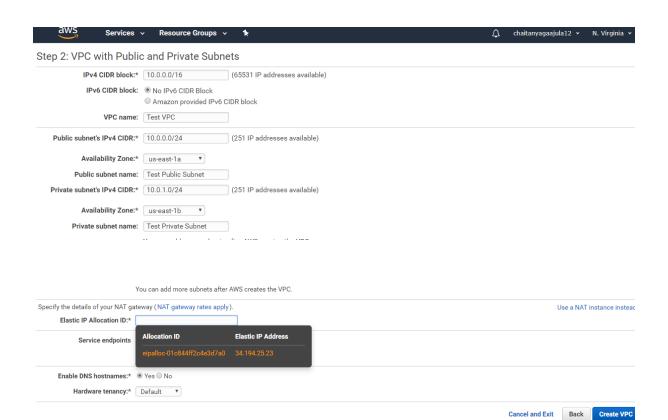


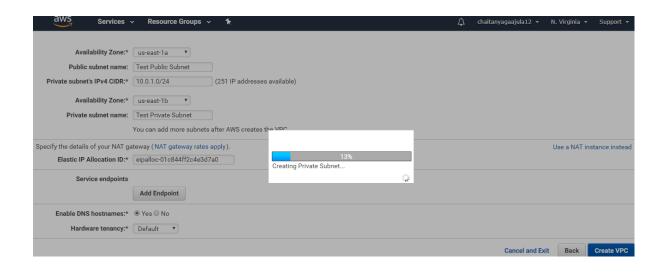


VPC with Public and A /16 network with two /24 subnets. Public subnet instances use Elastic Private Subnets and IPs to access the Internet. Private subnet instances access the Internet via Hardware VPN Access Network Address Translation (NAT). (Hourly charges for NAT devices apply.) VPC with a Private Subnet Only and Hardware VPN

Creates:

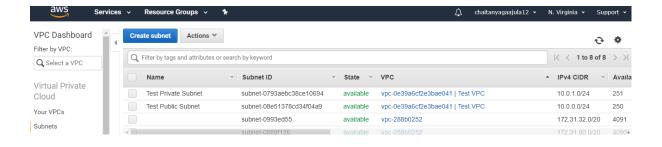


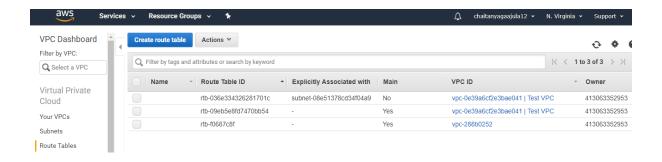


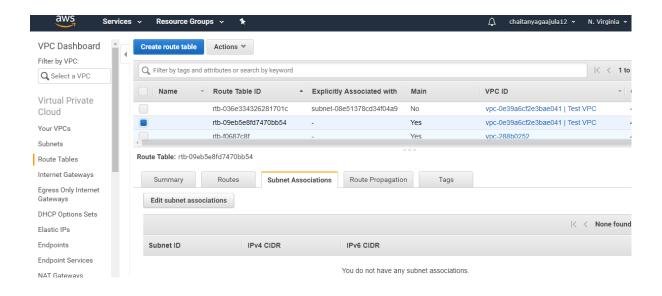












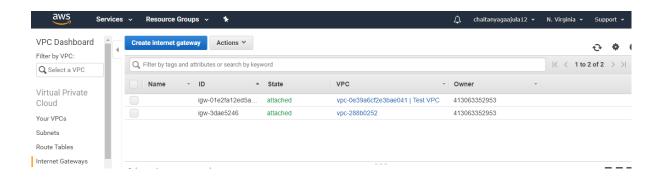
Route Tables > Edit subnet associations

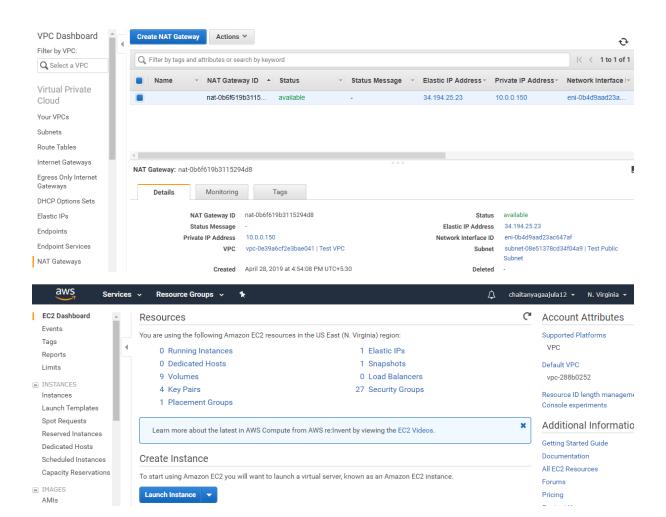
Edit subnet associations

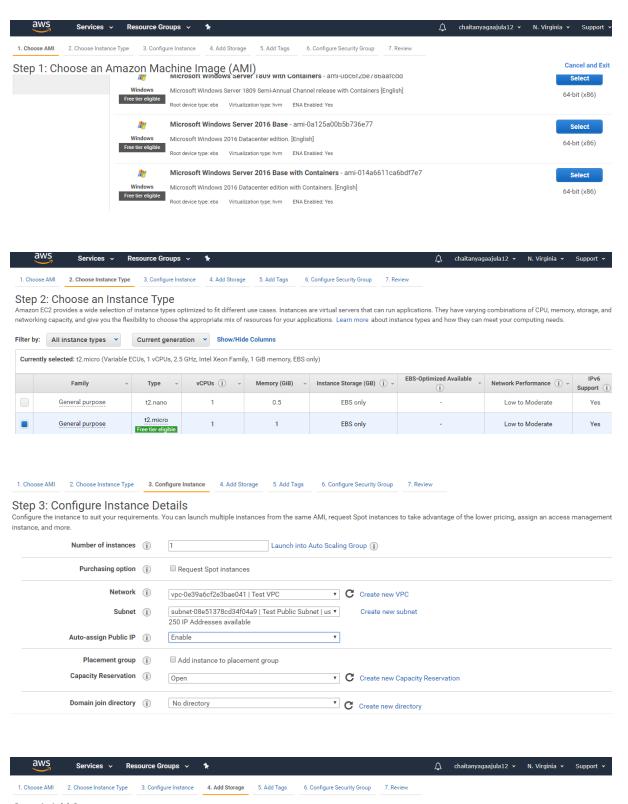
Route table rtb-09eb5e8fd7470bb54

Associated subnets subnet-0793aebc38ce10694







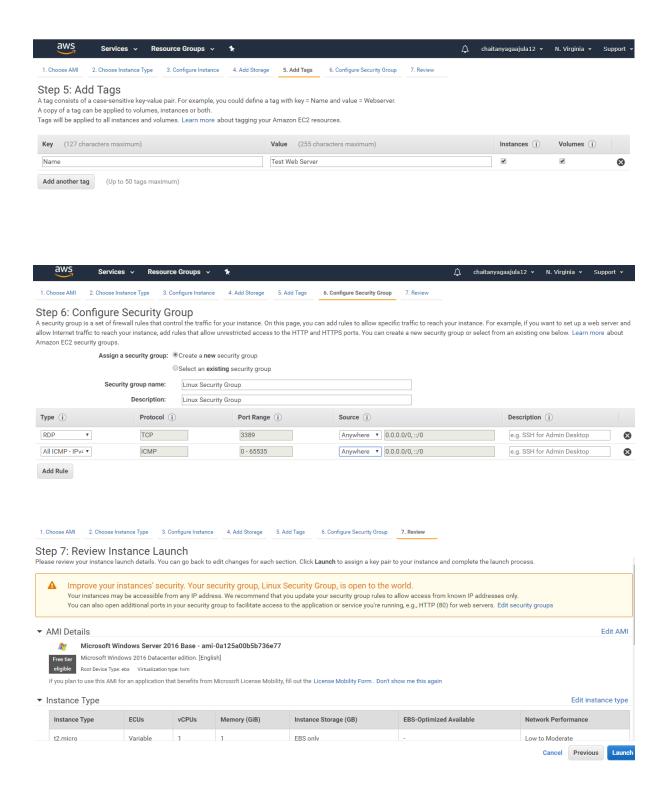


Step 4: Add Storage

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 (i)	Device (i)	Snapshot (j)	Size (GiB) (i)	Volume Type (j)	IOPS (j)	Throughput (MB/s) i	Delete on Termination i	Encrypted (i)
Root	/dev/sda1	snap-05a2f7210ba446ff2	30	General Purpose SSD (gp2)	100 / 3000	N/A	•	Not Encrypted

Add New Volume

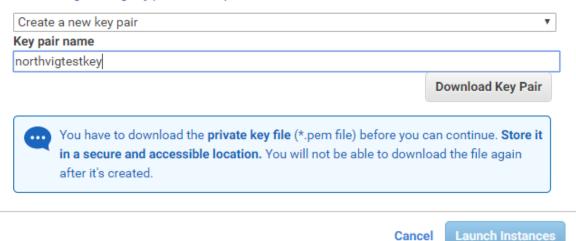


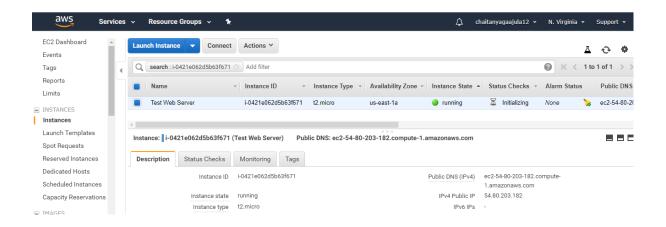
Select an existing key pair or create a new key pair

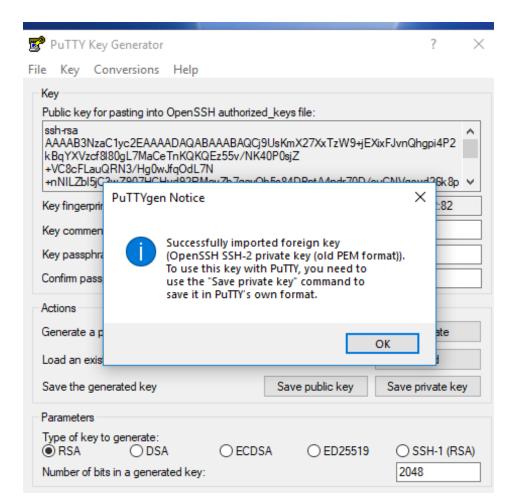
X

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.



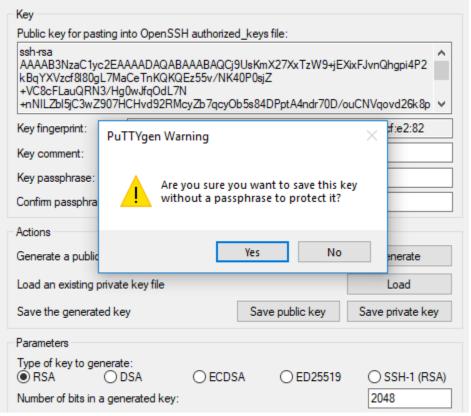


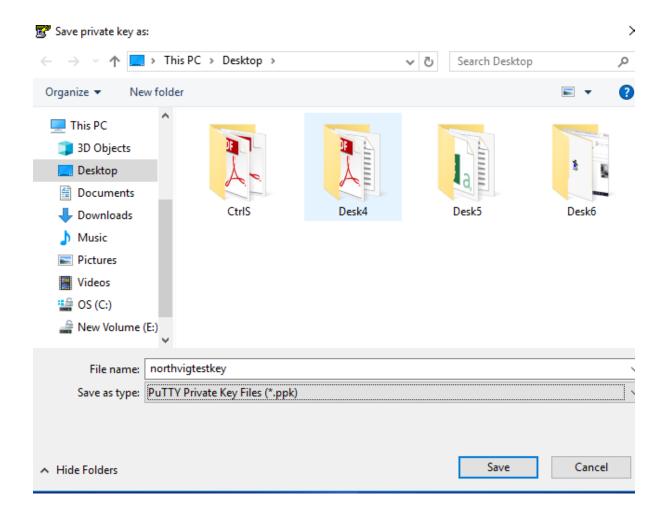




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Connect To Your Instance

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You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:

Download Remote Desktop File

When prompted, connect to your instance using the following details:

Public DNS ec2-54-80-203-182.compute-1.amazonaws.com

User name Administrator

Password Get Password

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

If you need any assistance connecting to your instance, please see our connection documentation.

Close

Connect To Your Instance > Get Password

X

The following Key Pair was associated with this instance when it was created.

Key Name northvigtestkey.pem

In order to retrieve your password you will need to specify the path of this Key Pair on your local machine:

Key Pair Path Choose File northvigtestkey.pem.txt

Or you can copy and paste the contents of the Key Pair below:

----BEGIN RSA PRIVATE KEY-----

MIIEpAIBAAKCAQEAo/VLCpl9u18U81vfoxF4sRSb50IYKYuD9pAamF1c3H/JfNIC+zGgnk5ykCkB M+eb/zSuND9LI2flQvHBS2rkETd/x4NMCX6jnS+zfpzSC2W5eYwt8GfdOxwh73fdkTHMmW+6nMjm +bPOAz6bQOJ3a+9A/6LgjVaqL3dupPKcE+mpmGd4K1xgqx1fFarxWOahlixDp0rnleGY86idtvoY UyrE1MdWGSw4/CeKviTeehM21s6XhoK+MRnM39TQx/PlzCKKnkA+jKfuvZIDQMdyQhMD33S2nxgE J6d6aPh524caOv+vpeGnUv2sWaKhpmVnuttEYhbVWYWfSKSz3TbAVwIDAOABAoIBAOCTiaXnuO4z

Decrypt Password

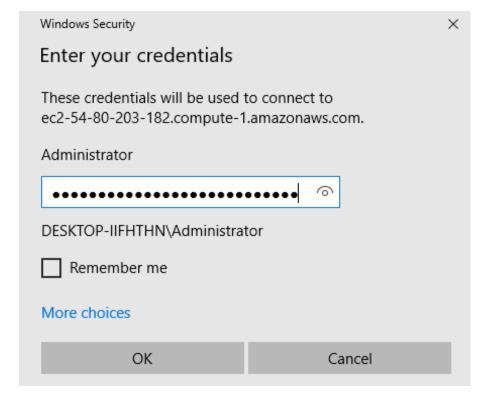
Back Close

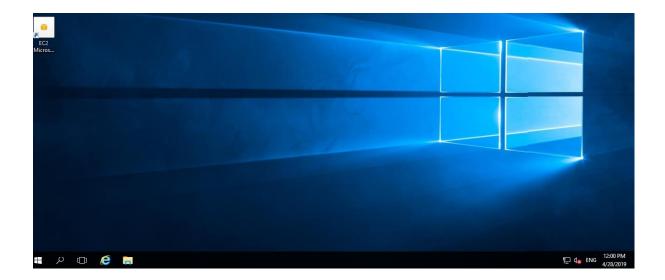
When prompted, connect to your instance using the following details:

Public DNS ec2-54-80-203-182.compute-1.amazonaws.com

User name Administrator

Password pD&-B1-So7cI=ILcowBvUx9.(xZkeuC7





- > Create Windows 2016 EC2 instance in Private Subnet in the same VPC
- ➤ Generate Password and note down the Private ip of the EC2 instance
- From Frontend Webserver perform RDP by typing mstsc under run and type the private ip of the instance created in the private subnet
- ➤ Enter the credentials and you would be logged into the Private EC2 instance
- > Check if you are able to access internet from the instance