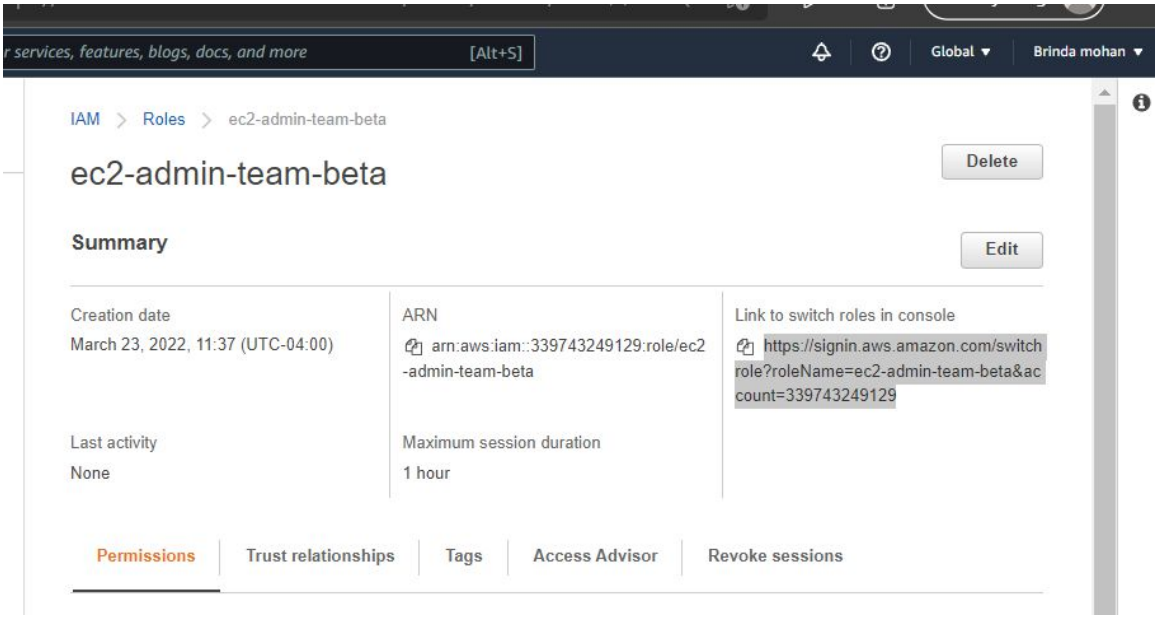
Test Role

3.1 Assume ec2-admin-team-beta Role

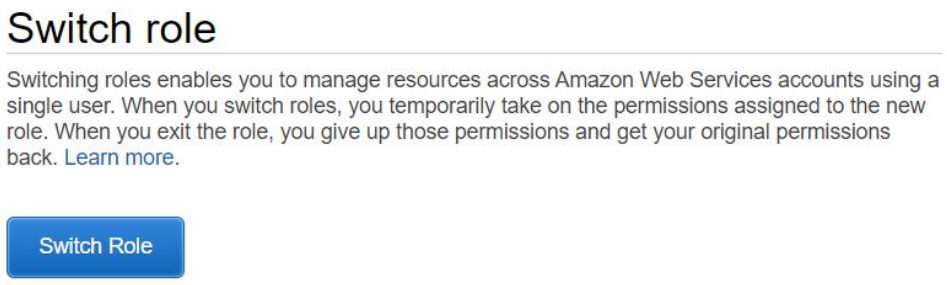
Use an existing IAM user with MFA enabled to assume the new ec2-admin-team-beta role.

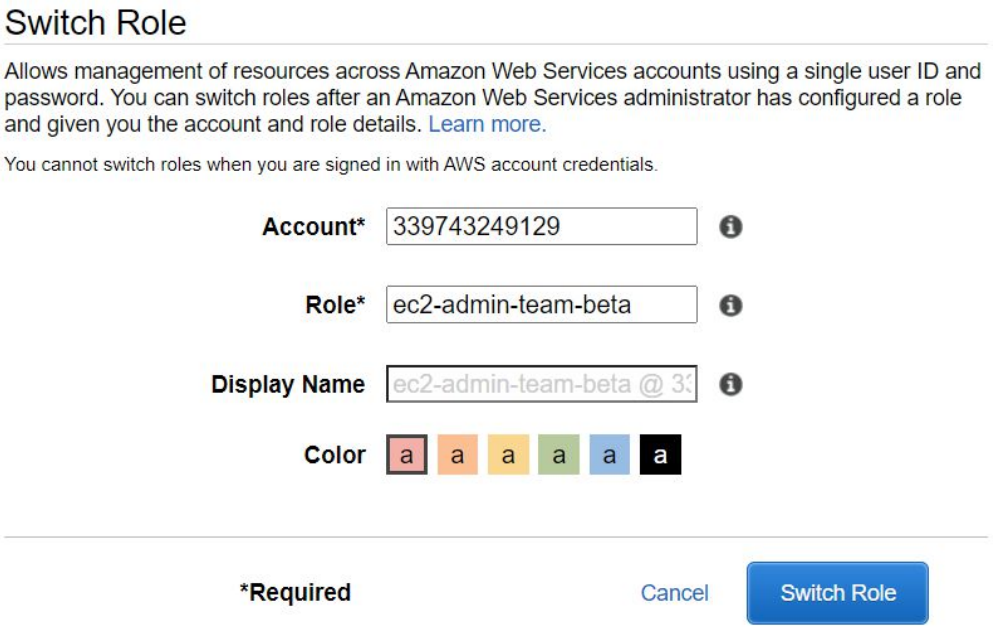
Sign in to the AWS Management Console as an IAM user with MFA enabled. https://console.aws.amazon.com .

In the console, click your user name on the navigation bar in the upper right. It typically looks like this: username@account_ID_number_or_alias then click Switch Role. Alternatively you can paste the link in your browser that was recorded earlier when the roles were created.



On the Switch Role page, type you account ID number in the Account field, and the name of the role ec2-admin-team-beta that you created in the previous step in the Role field. (Optional) Type text that you want to appear on the navigation bar in place of your user name when this role is active.

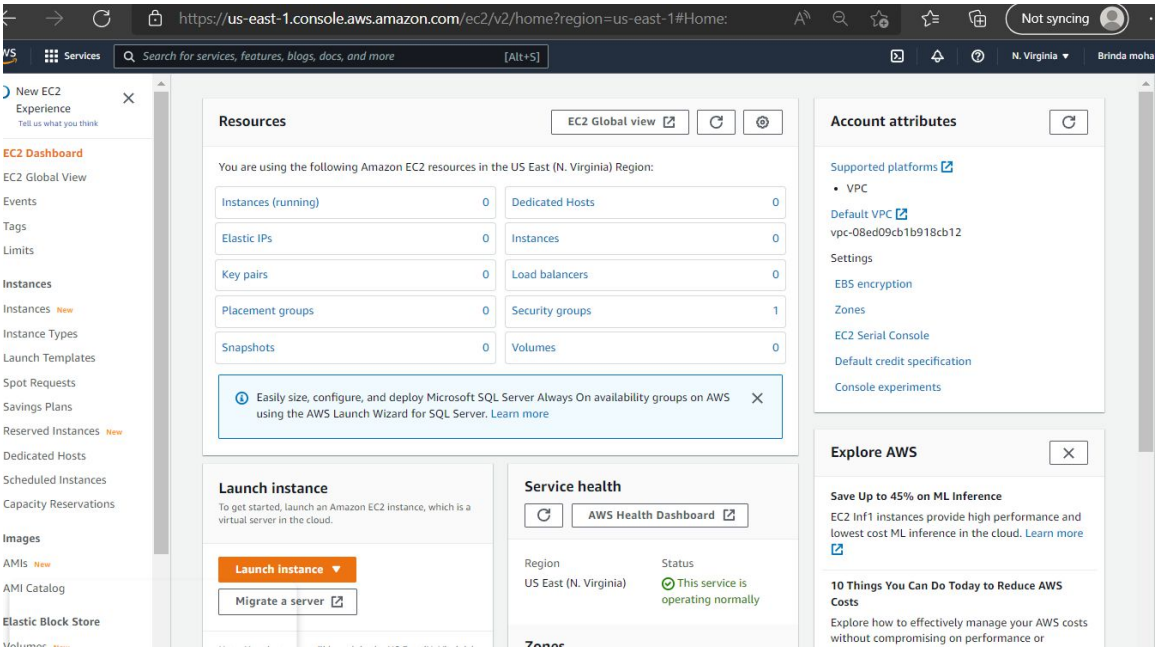




Click Switch Role. If this is the first time choosing this option, a page appears with more information. After reading it, click Switch Role. If you clear your browser cookies, this page can appear again.

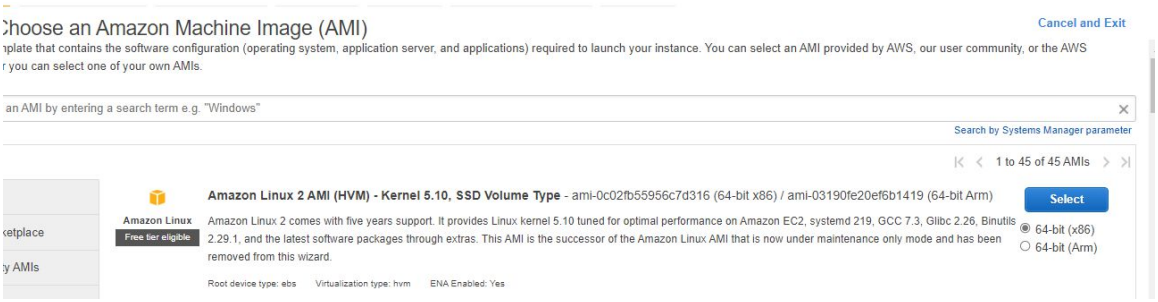
3.2 Launch Instance With & Without Tags

Navigate to the EC2 Management Console in the us-east-2 (Ohio) region https://us-east-2.console.aws.amazon.com/ec2/v2/home?region=us-east-2

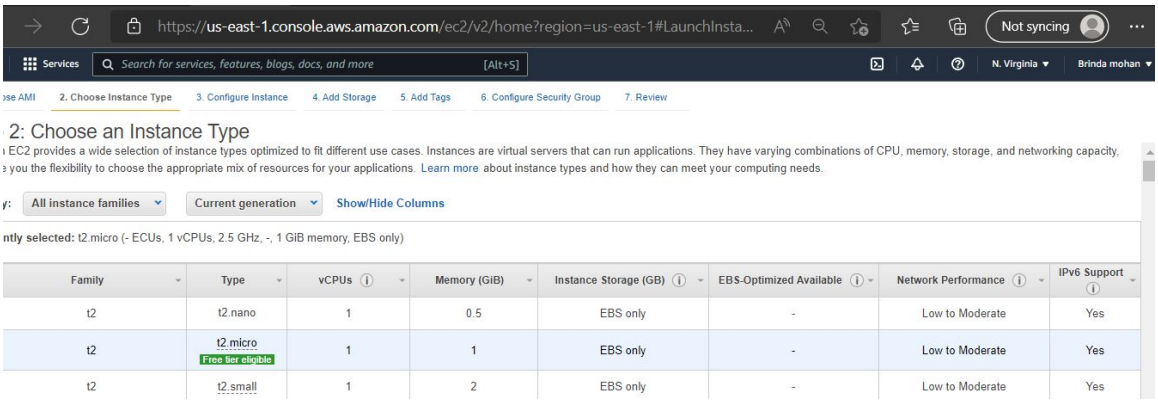


Click Launch Instance button to start the wizard.

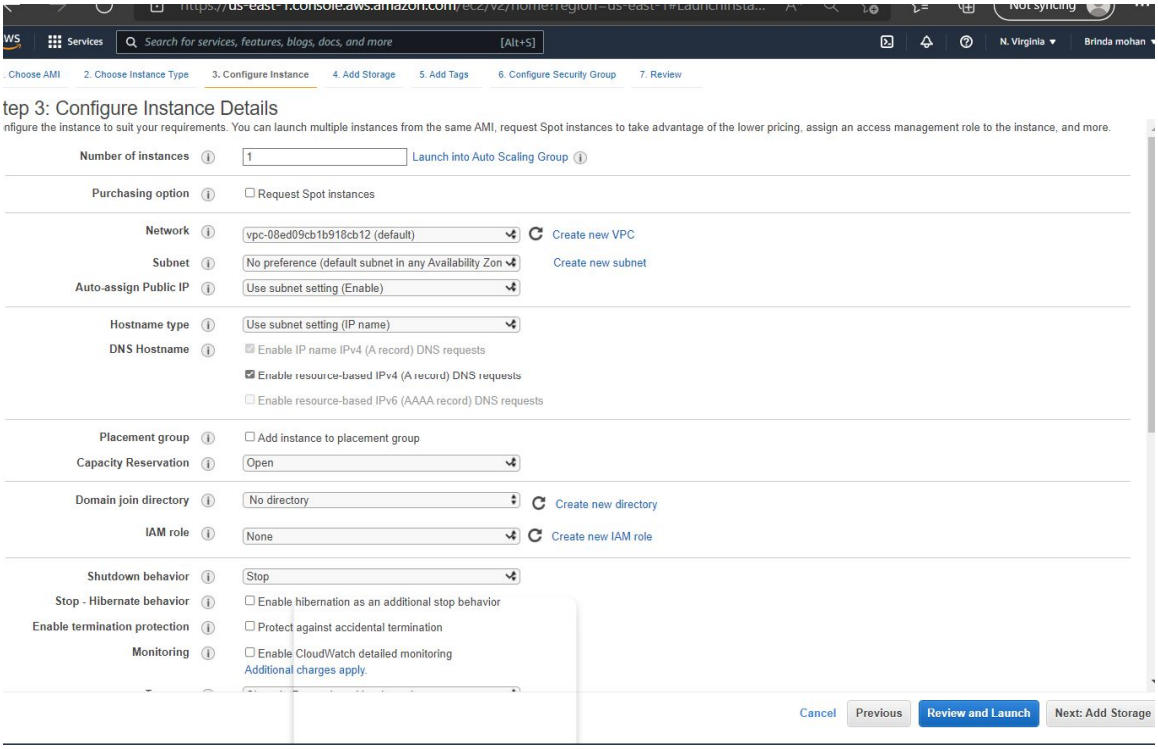
Click Select next to the first Amazon Linux 2 Amazon Machine Image to launch.



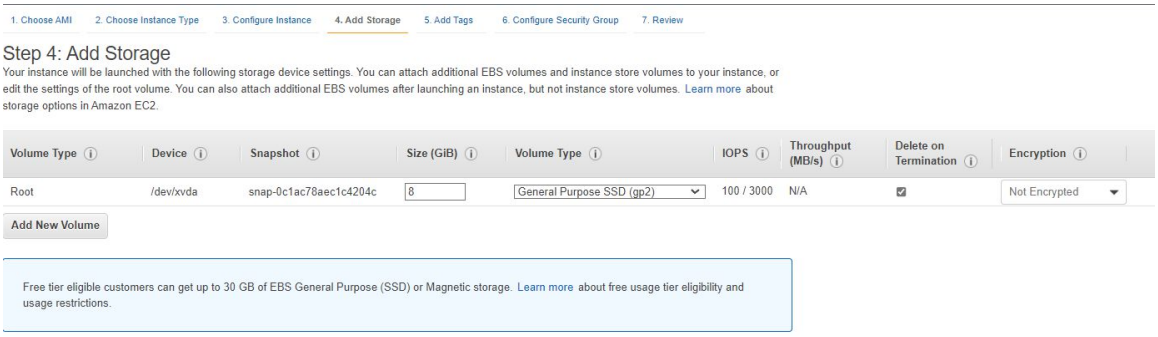
Accept the default instance size by clicking Next: Configure Instance Details.



Accept default details by clicking Next: Add Storage.



Accept default storage options by clicking Next: Add Tags.

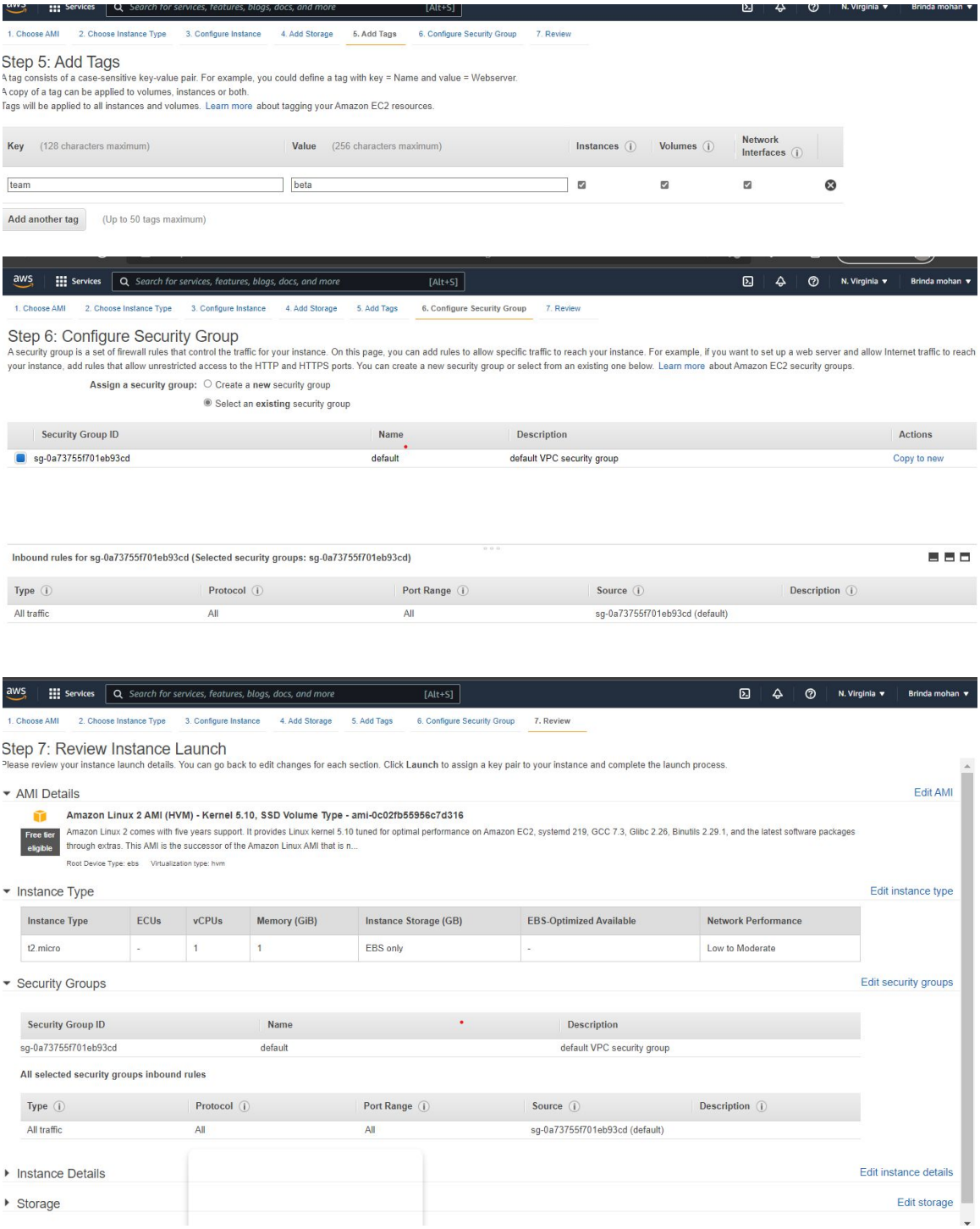


Lets add an incorrect tag now that will fail to launch. Click Add Tag enter Key of Name and Value of Example. Repeat to add Key of Team and Value of Beta. Note:

Keys and values are case sensitive!

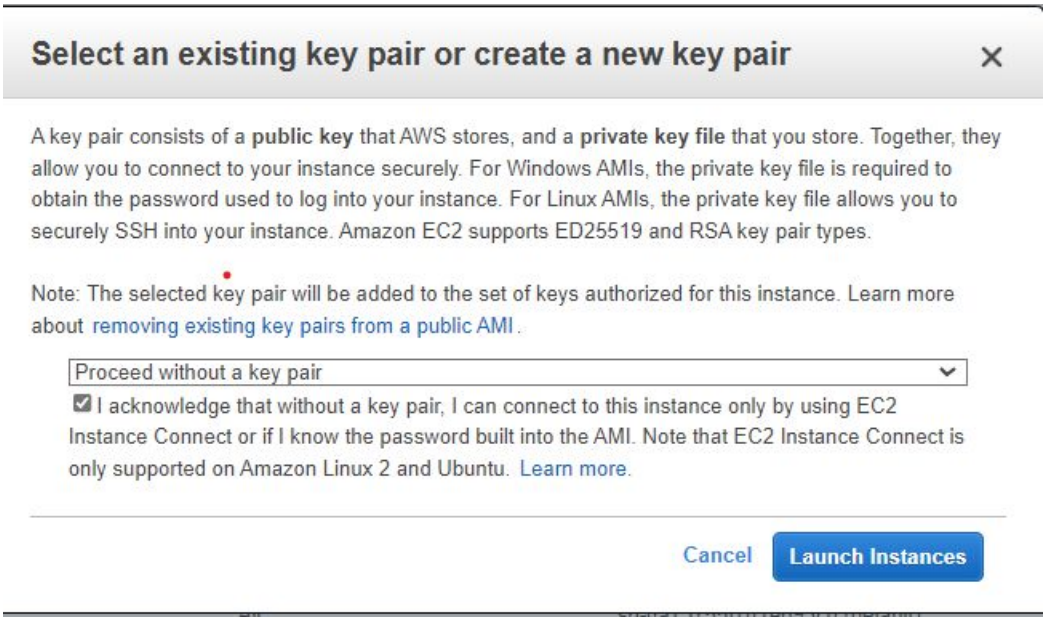
Click Next: Configure Security Group.

Click Select an existing security group, click the check box next to security group with name default, then click Review and Launch.

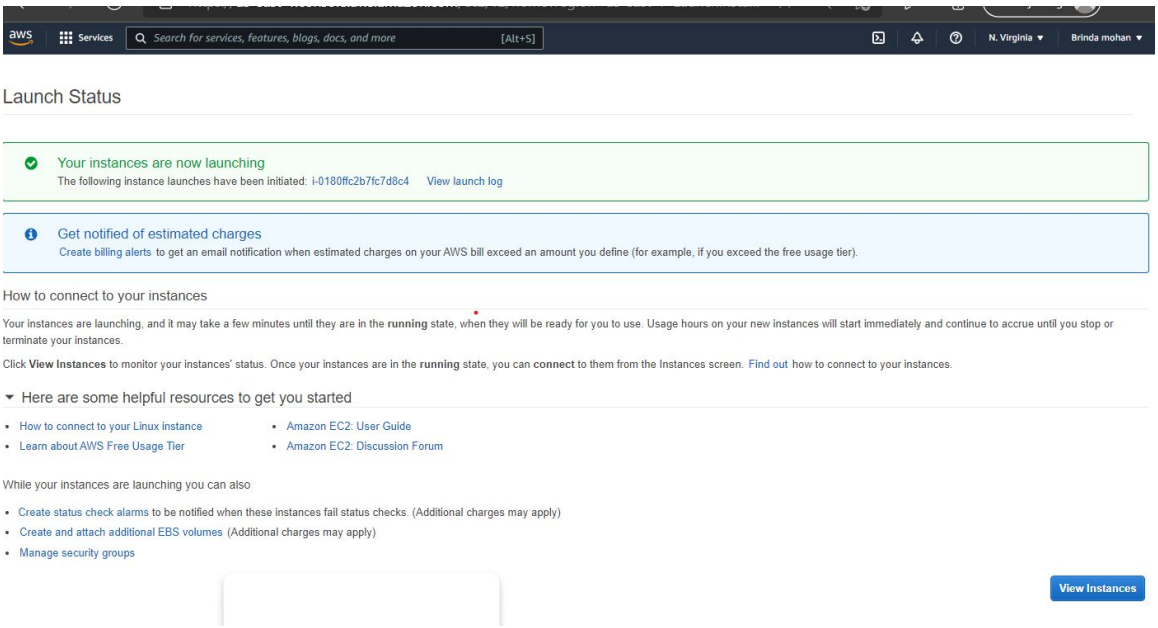


click Launch then click the option to Proceed without a key pair.

Select the I acknowledge box then click Launch Instances.



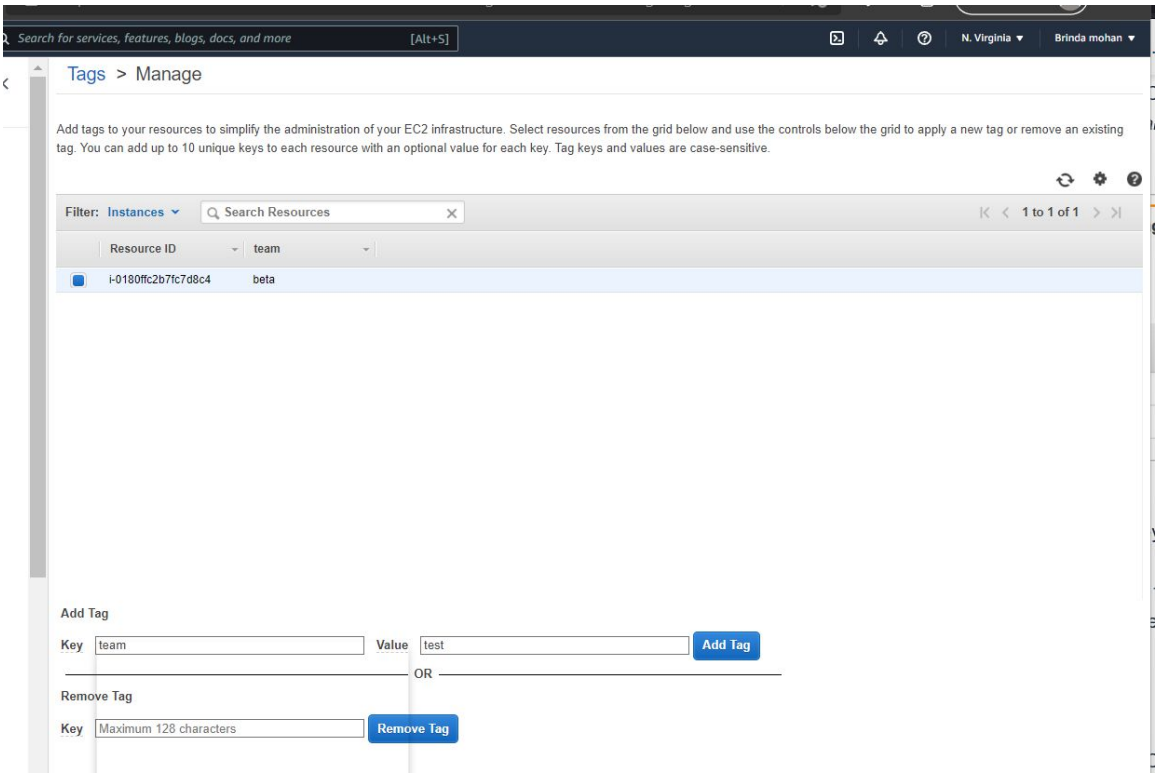
You should see a message that the instance is now launching. Click View Instances and do not terminate it just yet.



3.3 Modify Tags On Instances

Continuing from 3.2 in the EC2 Management Console instances view, click the check box next to the instance named Example then the Tags tab.

Click Add/Edit Tags, try changing the Team key to a value of Test then click Save. An error message should appear.


Search for services, features, blogs, docs, and more
[Alt+S]
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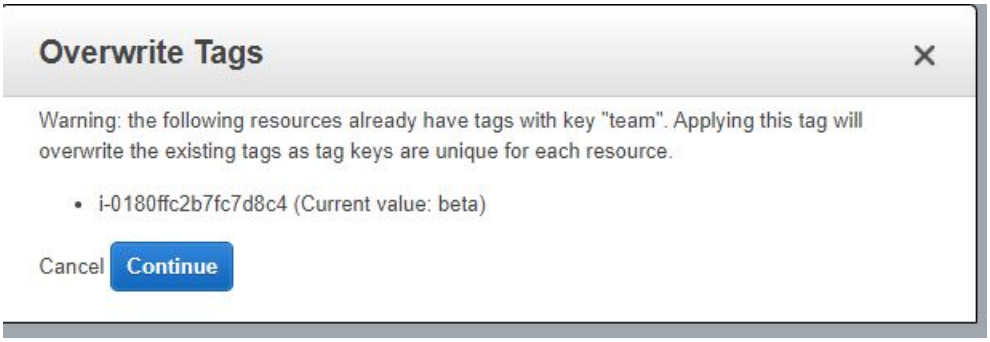
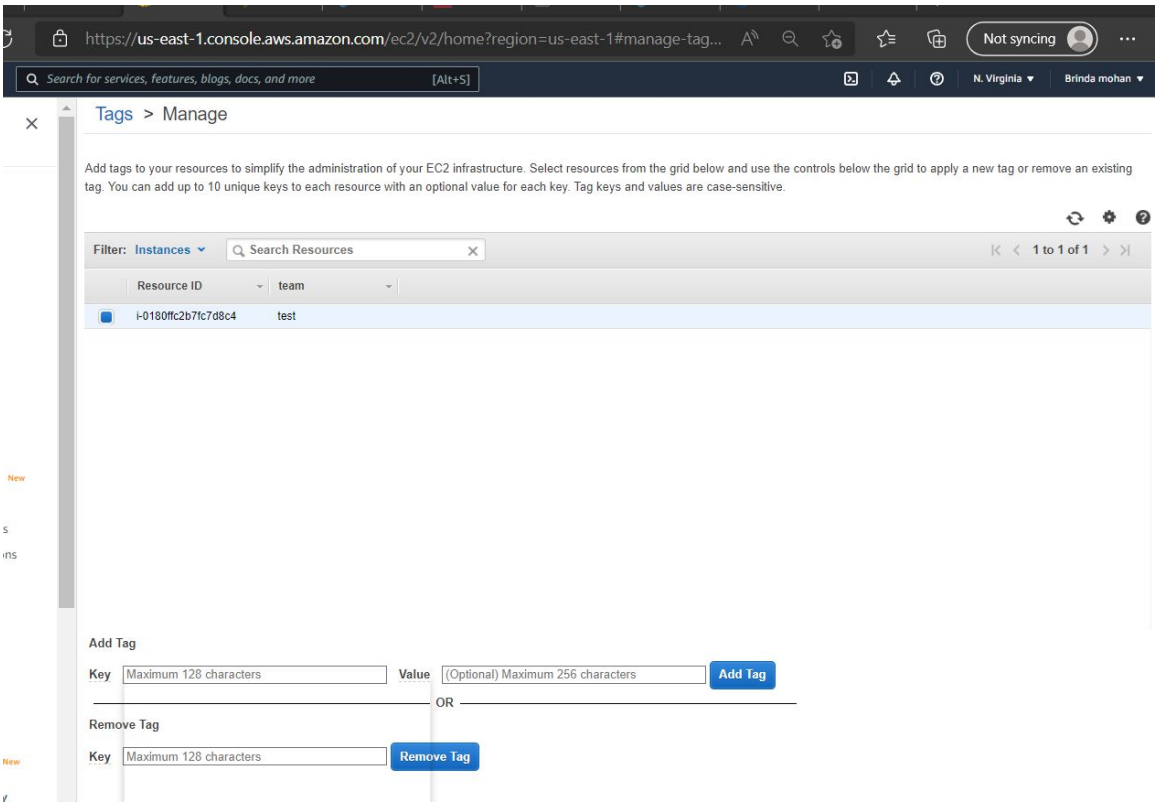
Tags > Manage
Add tags to your resources to simplify the administration of your EC2 infrastructure. Select resources from the grid below and use the controls below the grid to apply a new tag or remove an existing tag. You can add up to 10 unique keys to each resource with an optional value for each key. Tag keys and values are case-sensitive.
Filter: Instances
Search Resources
1 to 1 of 1
Resource ID
team
i-0180ffc2b7fc7d8c4
beta
Add Tag
Key
team
Value
test
Add Tag
OR
Remove Tag
Key
Maximum 128 characters
Remove Tag

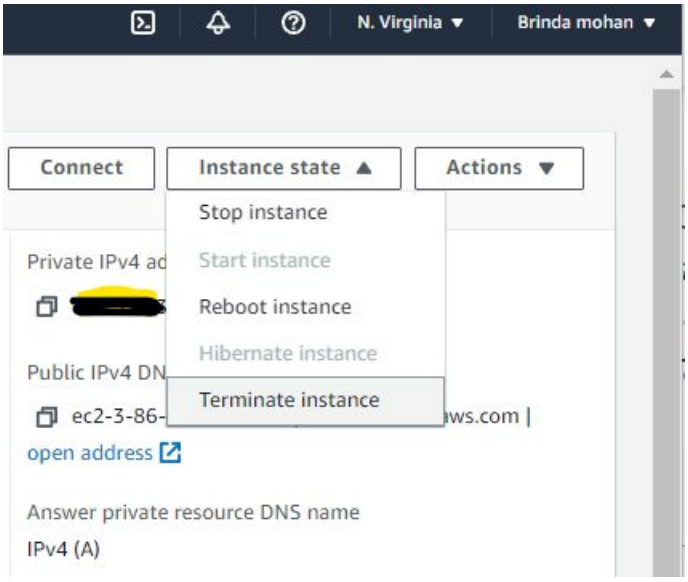

Overwrite Tags
Warning: the following resources already have tags with key "team". Applying this tag will overwrite the existing tags as tag keys are unique for each resource.
i-0180ffc2b7fc7d8c4 (Current value: beta)
Cancel
Continue



Change the Team key back to Alpha, and edit the Name key to a value of Test and click Save. The request should succeed.

3.4 Manage Instances

Continuing from 3.3 in the EC2 Management Console instances view, click the check box next to the instance named Test. Click Actions button then expand out Instance State then Terminate. Check the instance is the one you wish to terminate by it's name and click Yes, Terminate. The instance should now terminate.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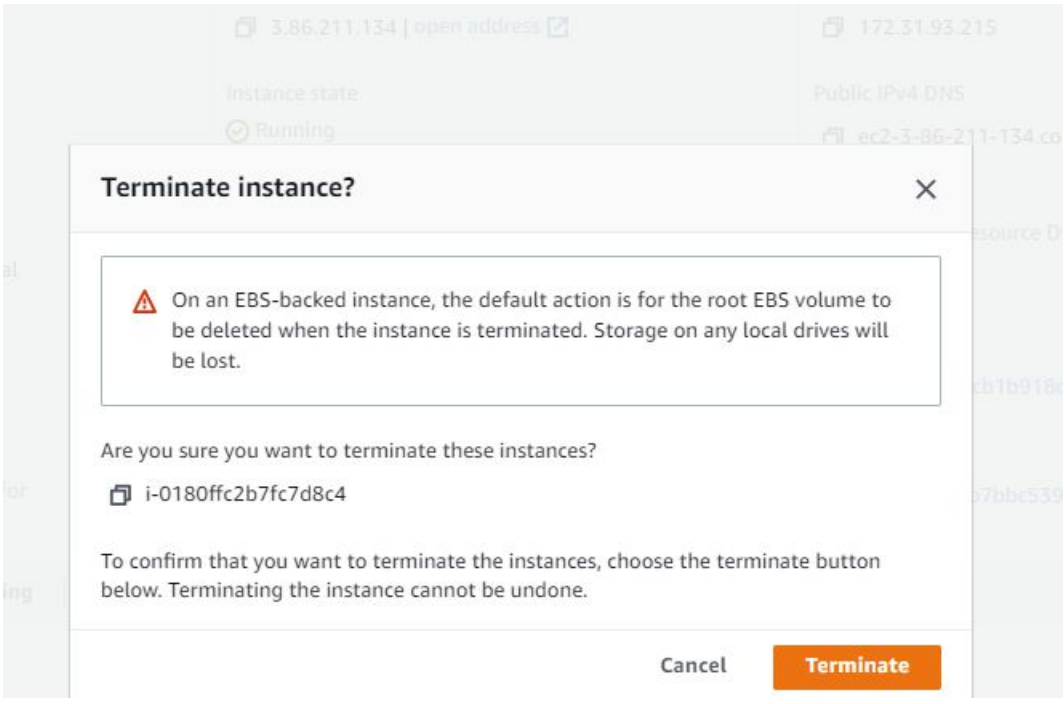
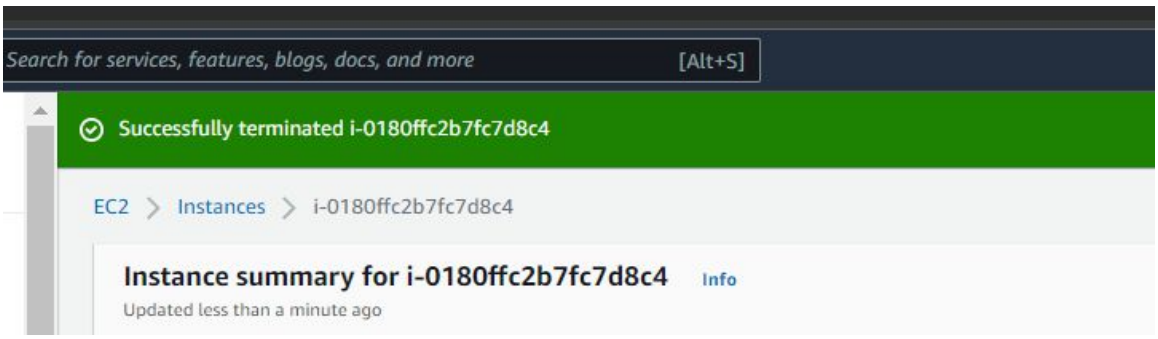
Connect
Instance state
Actions
Stop instance
Start instance
Reboot instance
Hibernate instance
Terminate instance
Private IPv4 ad
Public IPv4 DN
ec2-3-86-
ws.com |
open address
Answer private resource DNS name
IPv4 (A)


Terminate instance?
On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.
Are you sure you want to terminate these instances?
i-0180ffc2b7fc7d8c4
To confirm that you want to terminate the instances, choose the terminate button below. Terminating the instance cannot be undone.
Cancel
Terminate


Search for services, features, blogs, docs, and more
[Alt+S]
Successfully terminated i-0180ffc2b7fc7d8c4
EC2
Instances
i-0180ffc2b7fc7d8c4
Instance summary for i-0180ffc2b7fc7d8c4
Info
Updated less than a minute ago