



Andhra Pradesh State Skill Development Corporation



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AWS CLOUD COMPUTING

AMAZON MACHINE IMAGES (AMI)



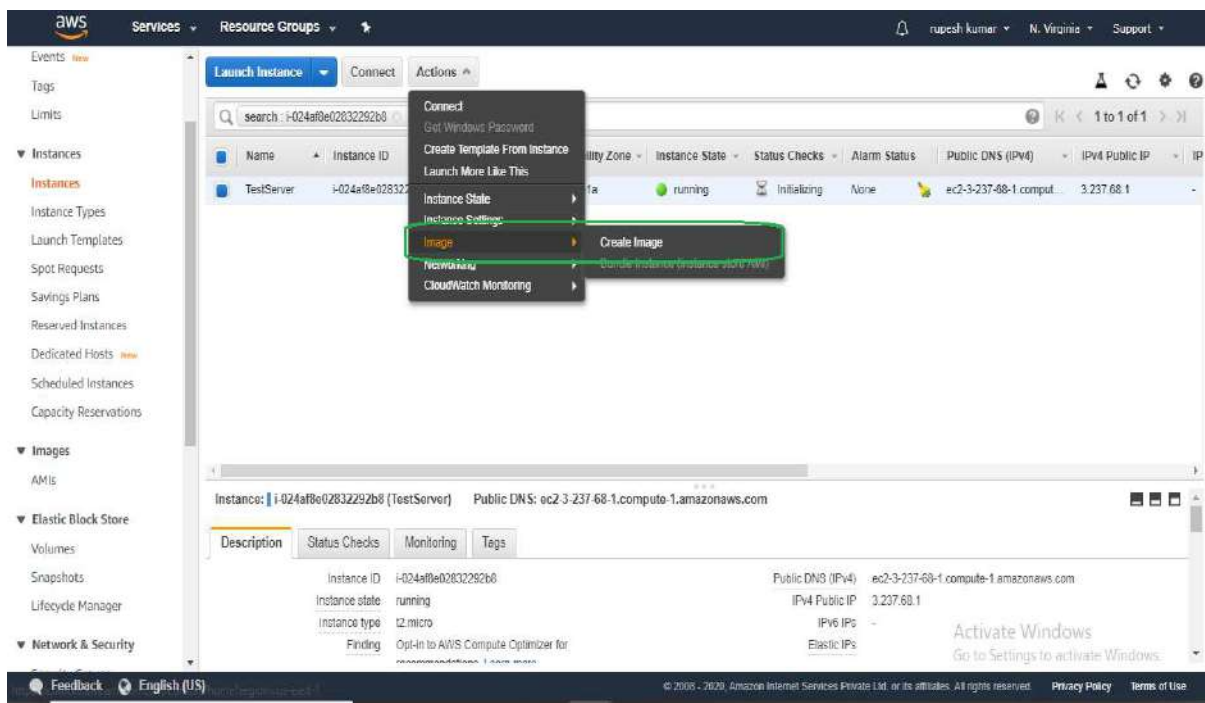
Amazon Machine Images (AMI)

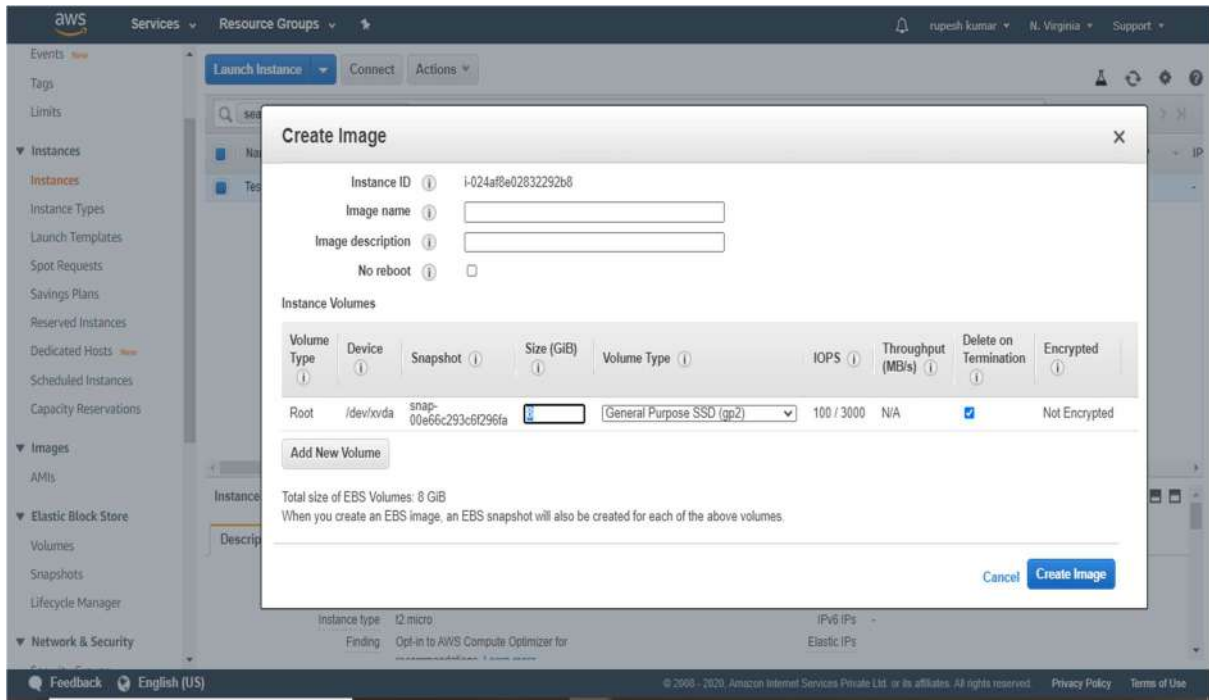


An Amazon Machine Image (AMI) provides the information required to launch an instance, which is a virtual server in the cloud. You specify an AMI when you launch an instance, and you can launch as many instances from the AMI as you need. You can also launch instances from as many different AMIs as you need.

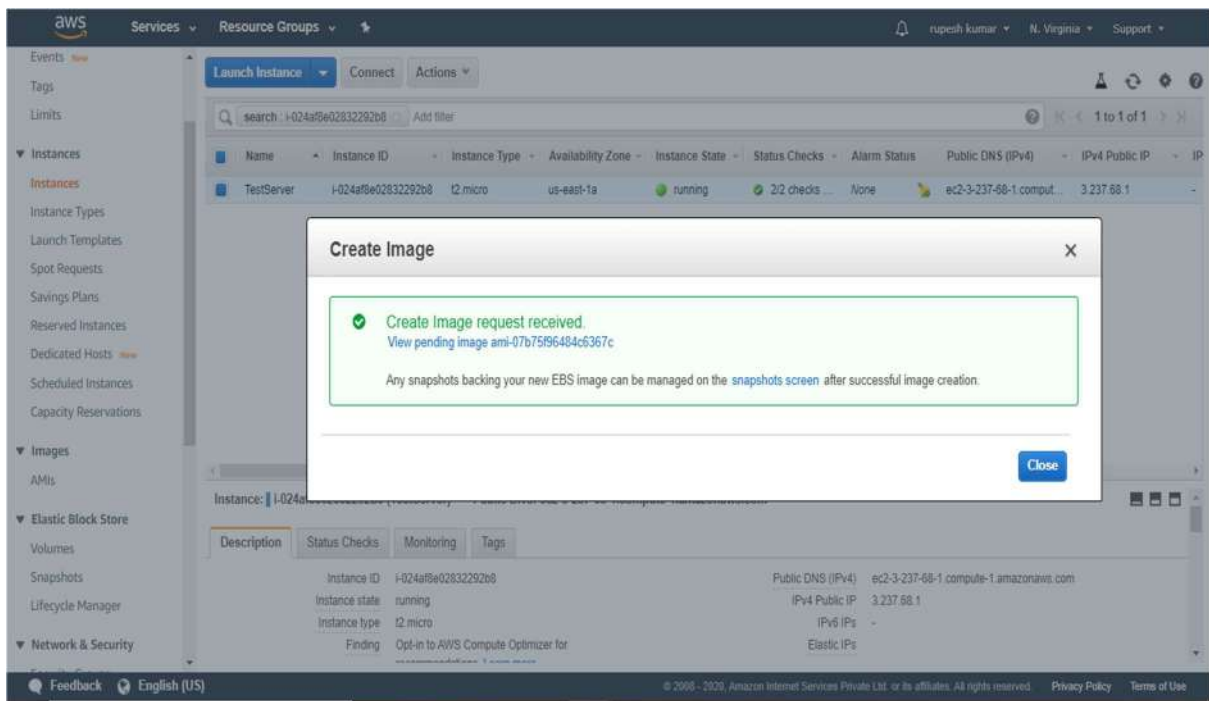
An AMI includes the following:

- A template for the root volume for the instance (for example, an operating system, an application server, and applications)
- Launch permissions that control which AWS accounts can use the AMI to launch instances
- A block device mapping that specifies the volumes to attach to the instance when it's launched.
- Creating Your Own AMI, you can customize the instance that you launch from a public AMI and then save that configuration as a custom AMI for your own use. Instances that you launch from your AMI use all the customizations that you've made.
- To create an AMI from an instance using the console Select an appropriate EC2 instance at instances.
- Go to Actions and click on image. → Then click on Create Image and then give a name to the image, you can also give description about your AMI and the Click on Create Image which has in the shown below figure

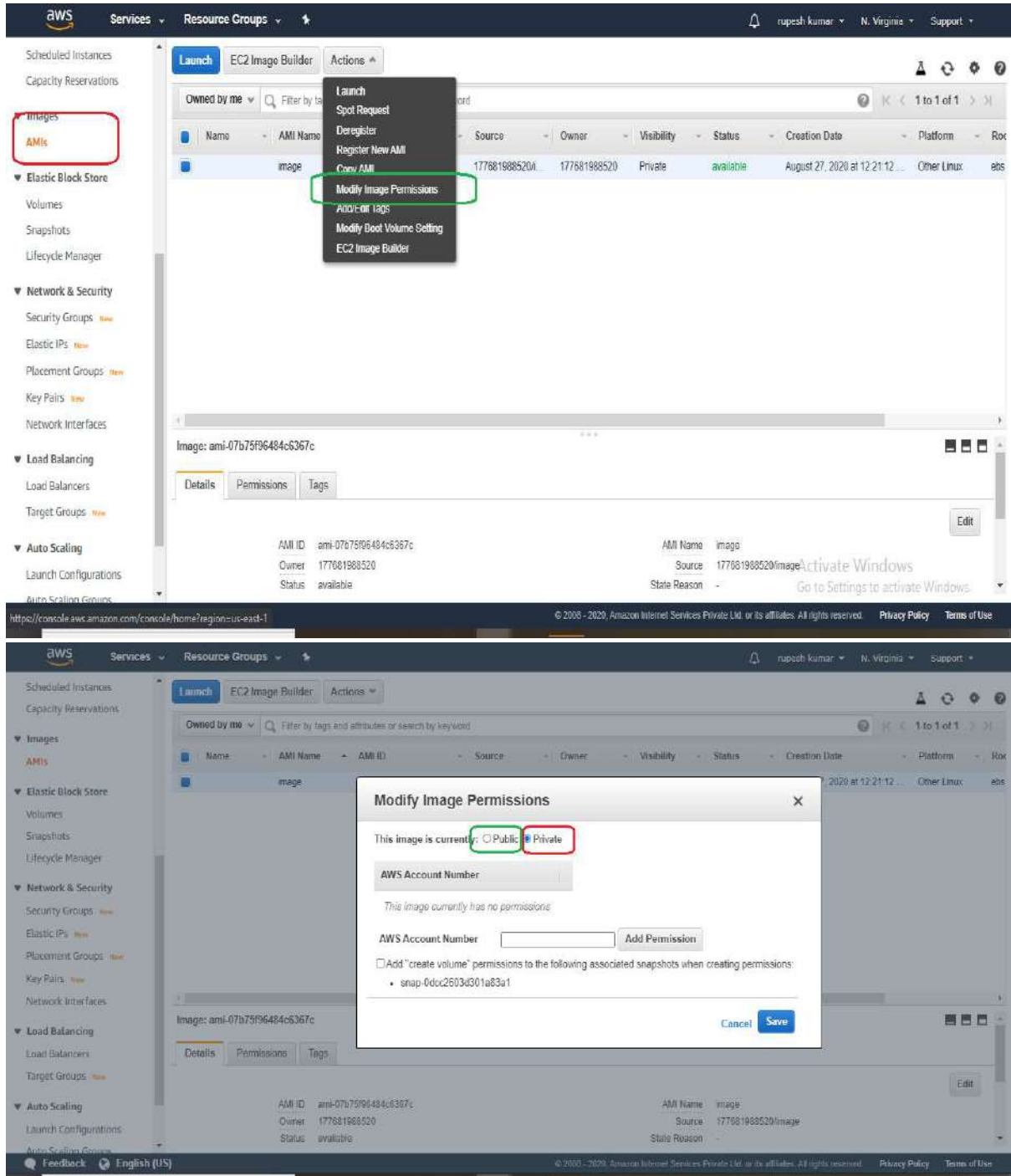




→ After following the above steps, you have successfully created an AMI of your instance. You can see it by clicking on AMI Id which you got after the creating Image or else at AMI tab by pulling down the left Scroll bar.



You can also give Public or private permission to your AMI. If you want to give public permissions select public and save else select private.



The screenshot displays the AWS Management Console interface. On the left sidebar, the 'Images' section is expanded, and 'AMIs' is highlighted. The main content area shows a table of AMIs. A context menu is open over the 'image' AMI, with 'Modify Image Permissions' selected. Below the table, the 'Details' tab for the AMI 'ami-07b75f96484c6367c' is visible, showing its ID, owner, and status. A 'Modify Image Permissions' dialog box is overlaid on the console. It indicates the image is currently 'Private' and prompts the user to enter an 'AWS Account Number' to add permissions. The dialog also includes a checkbox for adding 'create volume' permissions to associated snapshots.

Modify Image Permissions

This image is currently: ☐ Public ☒ Private

AWS Account Number

This image currently has no permissions

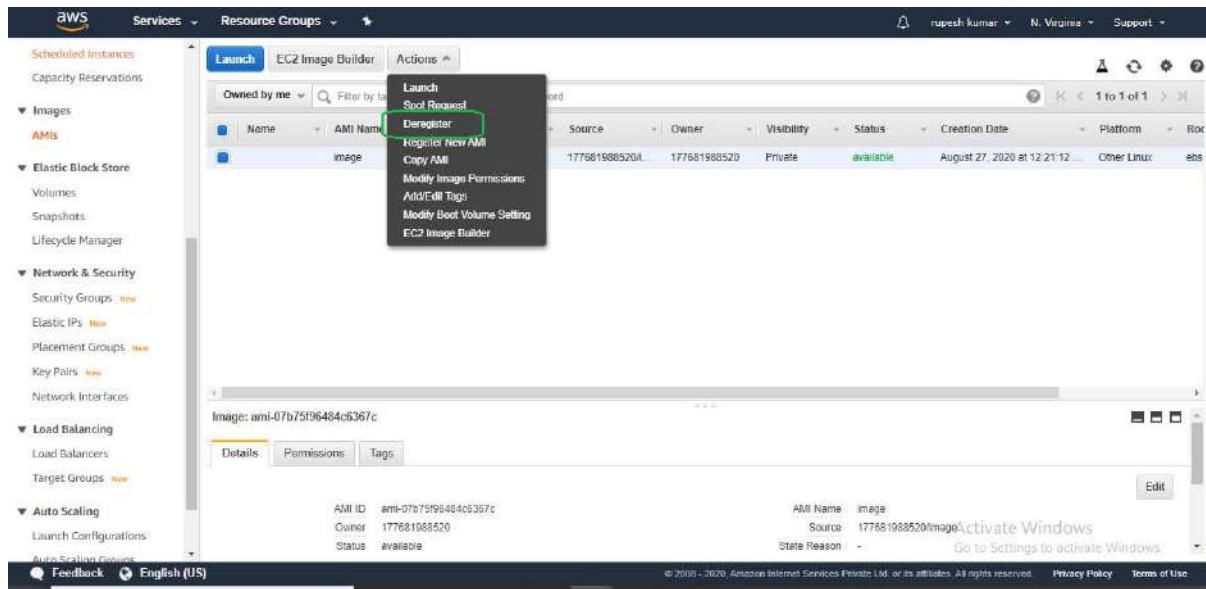
AWS Account Number Add Permission

☐ Add "create volume" permissions to the following associated snapshots when creating permissions:

- snap-0d0c2603d301a83a1

Cancel Save

You can also Delete the AMI by Deregister the AMI → In the navigation pane, choose AMIs. Select the AMI and take note of its ID — this can help you find the correct snapshot in the next step. Choose Actions, and then Deregister. When prompted for confirmation, choose Continue.



Note: It may take a few minutes before the console removes the AMI from the list. Choose Refresh to refresh the status.