

Amazon Elastic Compute Cloud

Follow the steps in Chapter 1, section 'Amazon Elastic Compute Cloud' to create an instance. (Make sure to select a 'Free Tier Eligible' AMI). Submit a screenshot of step 7, with the new instance visible.

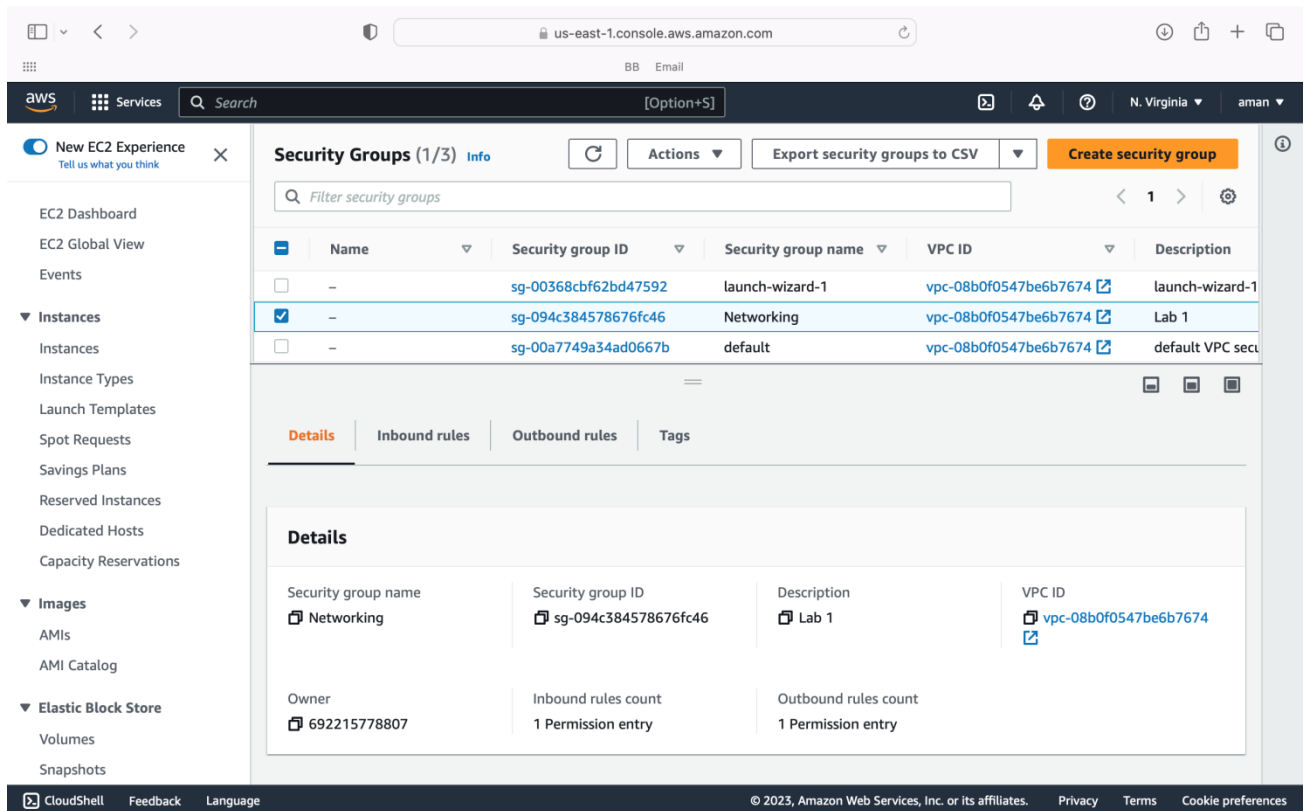
The screenshot displays the AWS Management Console for the us-east-1 region. The 'Instances' page shows a single instance named 'Lab 1' with ID 'i-03471f182b5eb74c9', which is in a 'Running' state. Below the instance list, the 'Details' tab for 'Instance: i-03471f182b5eb74c9 (Lab 1)' is selected, showing various attributes:

| Instance summary | | |
|--|---|---|
| Instance ID i-03471f182b5eb74c9 (Lab 1) | Public IPv4 address 23.20.152.213 open address | Private IPv4 addresses 172.31.39.24 |
| IPv6 address - | Instance state Running | Public IPv4 DNS ec2-23-20-152-213.compute-1.amazonaws.com open address |
| Hostname type IP name: ip-172-31-39-24.ec2.internal | Private IP DNS name (IPv4 only) ip-172-31-39-24.ec2.internal | Elastic IP addresses - |
| Answer private resource DNS name IPv4 (A) | Instance type t2.micro | |

The footer of the console shows '© 2023, Amazon Web Services, Inc. or its affiliates.' along with links for 'Privacy', 'Terms', and 'Cookie preferences'.

Security Groups

Follow the steps in Chapter 1, section 'Security Groups' to create a security group.
Submit a screenshot of step 6, with the new Security Group visible.



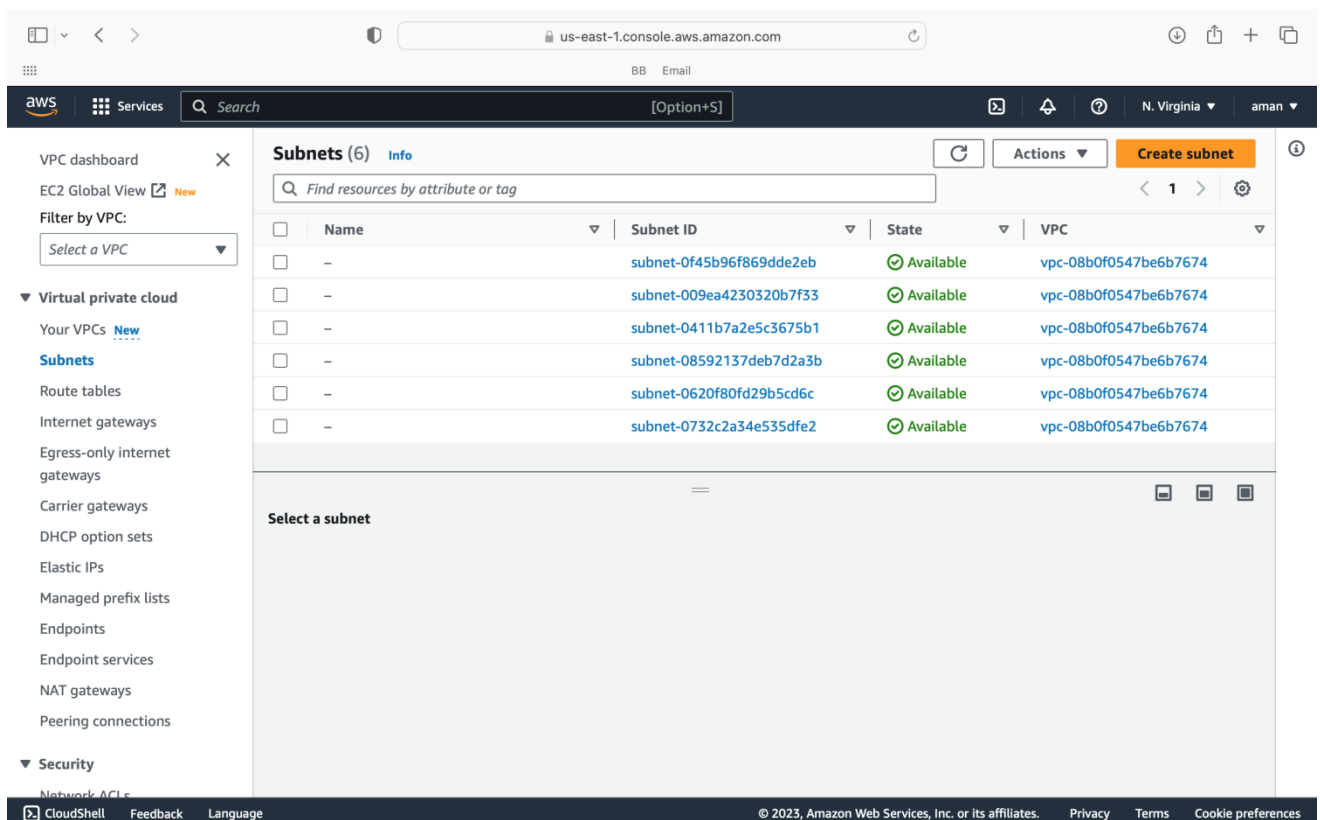
The screenshot shows the AWS Management Console for the us-east-1 region. The left sidebar contains navigation links for various services. The main content area displays the 'Security Groups (1/3)' page. A table lists three security groups, with the 'Networking' group selected. Below the table, the 'Details' tab is active, showing information about the selected security group.

| Name | Security group ID | Security group name | VPC ID | Description |
|-------------------------------------|----------------------|---------------------|-----------------------|------------------|
| - | sg-00368cbf62bd47592 | launch-wizard-1 | vpc-08b0f0547be6b7674 | launch-wizard-1 |
| <input checked="" type="checkbox"/> | sg-094c384578676fc46 | Networking | vpc-08b0f0547be6b7674 | Lab 1 |
| - | sg-00a7749a34ad0667b | default | vpc-08b0f0547be6b7674 | default VPC secu |

| Details | | | |
|-----------------------------------|---|--|---------------------------------|
| Security group name Networking | Security group ID sg-094c384578676fc46 | Description Lab 1 | VPC ID vpc-08b0f0547be6b7674 |
| Owner 692215778807 | Inbound rules count 1 Permission entry | Outbound rules count 1 Permission entry | |

Amazon Virtual Private Cloud (Amazon VPC)

Follow the steps in Chapter 1, section Amazon Virtual Private Cloud (Amazon VPC), to display the subnets available in your VPC. Submit a screenshot of step 3, in which the subnets available in your VPC are displayed.



The screenshot displays the AWS Management Console interface for the 'us-east-1' region. The left-hand navigation pane shows the 'Virtual private cloud' section expanded, with 'Subnets' selected. The main content area is titled 'Subnets (6)' and includes a search bar and a table of subnets. The table lists six subnets, all of which are in an 'Available' state and associated with the VPC 'vpc-08b0f0547be6b7674'. Below the table, there is a 'Select a subnet' section with three icons for different subnet types.

| | Name | Subnet ID | State | VPC |
|--------------------------|------|--------------------------|-----------|-----------------------|
| <input type="checkbox"/> | - | subnet-0f45b96f869dde2eb | Available | vpc-08b0f0547be6b7674 |
| <input type="checkbox"/> | - | subnet-009ea4230320b7f33 | Available | vpc-08b0f0547be6b7674 |
| <input type="checkbox"/> | - | subnet-0411b7a2e5c3675b1 | Available | vpc-08b0f0547be6b7674 |
| <input type="checkbox"/> | - | subnet-08592137deb7d2a3b | Available | vpc-08b0f0547be6b7674 |
| <input type="checkbox"/> | - | subnet-0620f80fd29b5cd6c | Available | vpc-08b0f0547be6b7674 |
| <input type="checkbox"/> | - | subnet-0732c2a34e535dfe2 | Available | vpc-08b0f0547be6b7674 |

AWS Total Cost of Ownership (TCO) Calculator

Follow the steps in Chapter 1, section, AWS Total Cost of Ownership (TCO) Calculator to calculate the cost of three web servers with four cores and 8 GB memory and 1 TB storage. Submit a screenshot of the estimated cost.

SafariFileEditViewHistoryBookmarksWindowHelp

calculator.aws

BBEmail

FeedbackLanguage: EnglishContact SalesCreate an AWS Account

[AWS Pricing Calculator](#) > My Estimate

My EstimateEdit

ExportShare

Estimate summaryInfo

Upfront cost

4,698.86 USD

Monthly cost

245.76 USD

Total 12 months cost

7,647.98 USD

Includes upfront cost

Getting Started with AWS

Get started for free

Contact Sales

My Estimate

DuplicateDeleteMove toCreate groupAdd supportAdd service

Find resources

< 1 > ⚙

| <input checked="" type="checkbox"/> | Service Name | Status | Upfront cost | Monthly cost | Description | Region | Config Sum... |
|-------------------------------------|--------------|--------|--------------|--------------|-------------|----------------------|-------------------|
| <input checked="" type="checkbox"/> | Amazon EC2 | - | 4,698.86 USD | 245.76 USD | - | US East (N. Virgi... | Tenancy (Share... |

PrivacySite termsCookie preferences

© 2023, Amazon Web Services, Inc. or its affiliates. All rights reserved.