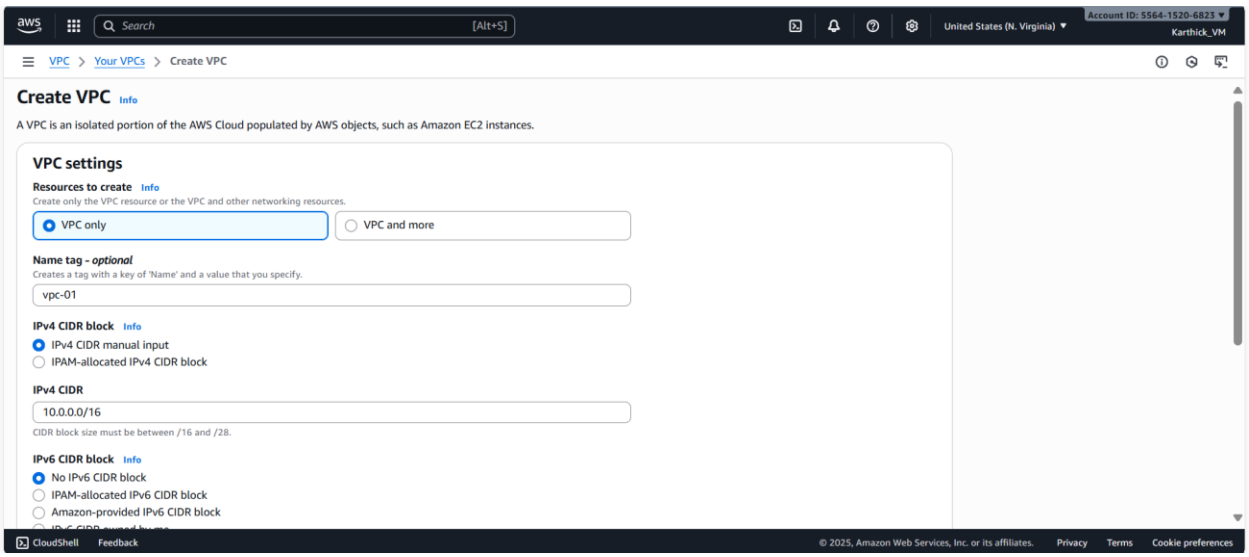
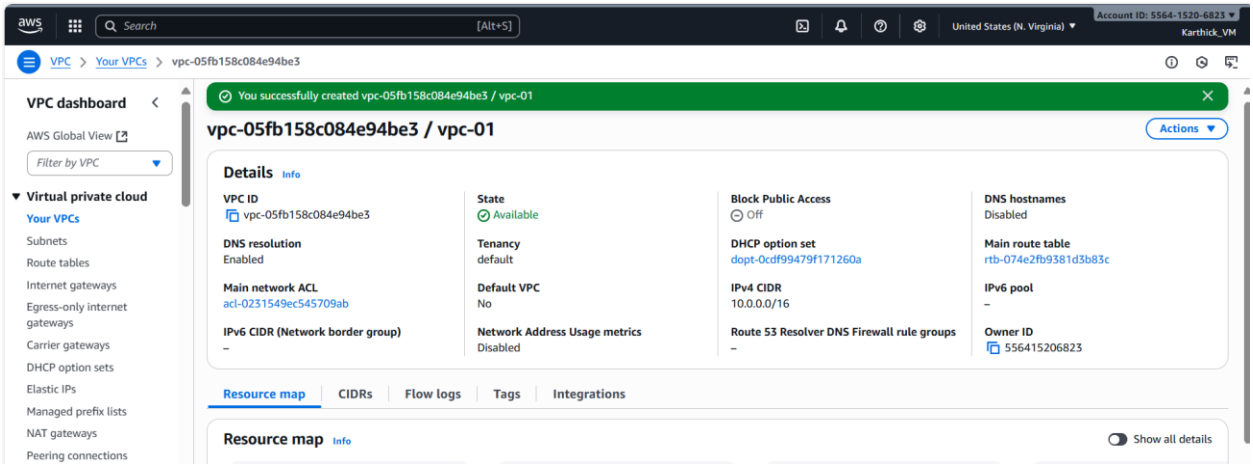
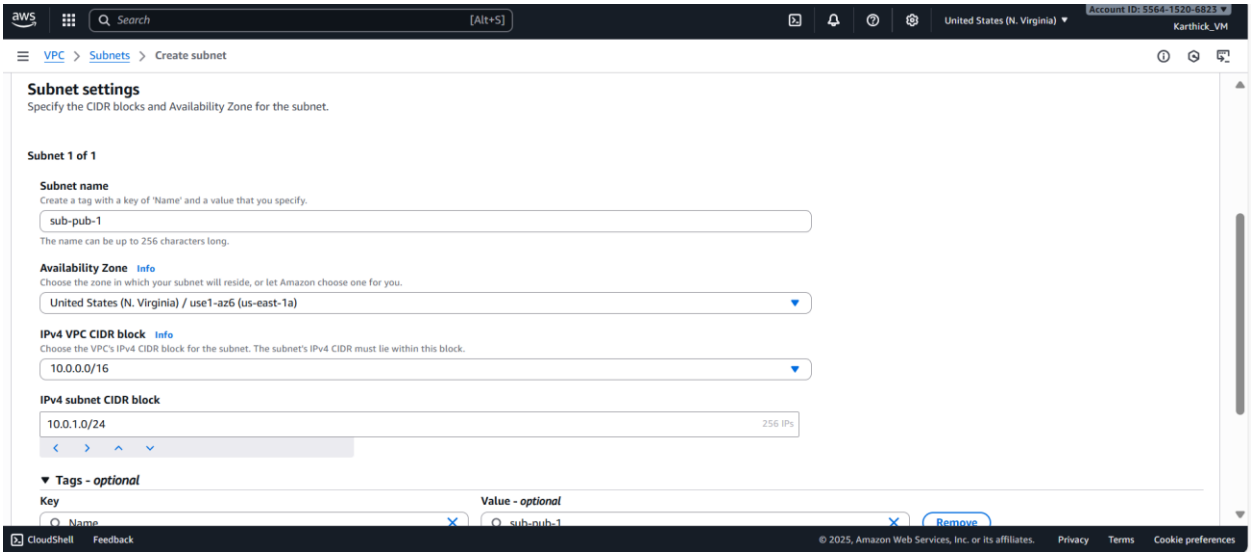
Karthick VM
Batch – CIS 1.3

Mock Assessment 1 – AWS

Q-1 Setup  A VPC With 2 public and 2 private subnets attach an internet gateway and configure routing table.




aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets > Create subnet
Subnet settings
Specify the CIDR blocks and Availability Zone for the subnet.
Subnet 1 of 1
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
sub-pub-1
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
United States (N. Virginia) / use1-az6 (us-east-1a)
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
10.0.0.0/16
IPv4 subnet CIDR block
10.0.1.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
sub-pub-1
Remove
CloudShell
Feedback
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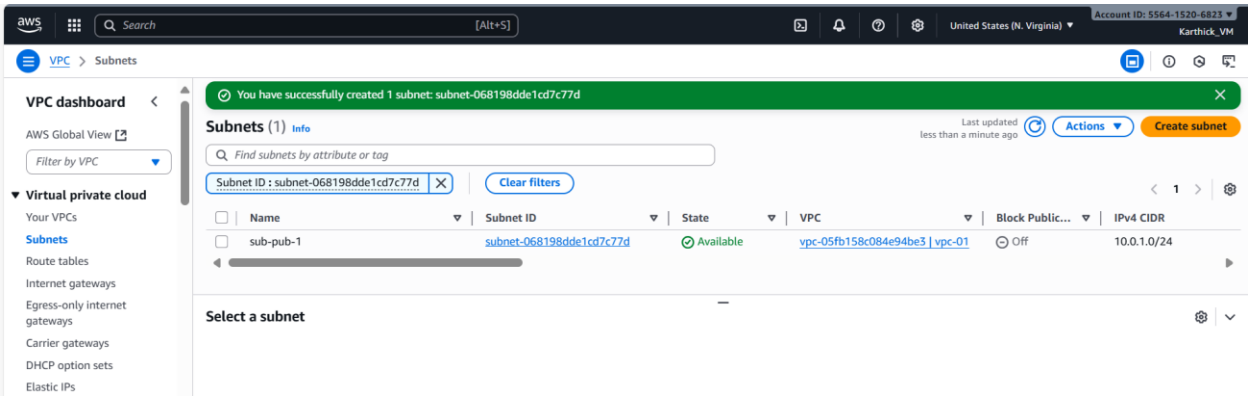
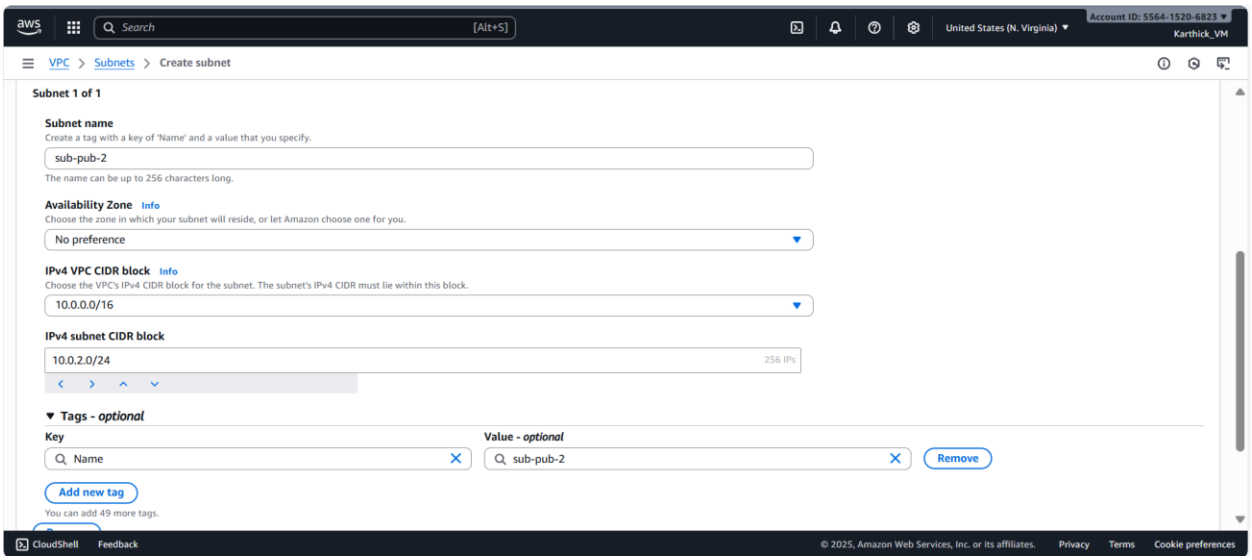

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
You have successfully created 1 subnet: subnet-068198dde1cd7c77d
Subnets (1) Info
Last updated less than a minute ago
Actions
Create subnet
Find subnets by attribute or tag
Subnet ID : subnet-068198dde1cd7c77d
Clear filters
Name
Subnet ID
State
VPC
Block Public...
IPv4 CIDR
sub-pub-1
subnet-068198dde1cd7c77d
Available
vpc-05fb158c084e94be3 | vpc-01
Off
10.0.1.0/24
Select a subnet


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets > Create subnet
Subnet 1 of 1
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
sub-pub-2
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
No preference
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
10.0.0.0/16
IPv4 subnet CIDR block
10.0.2.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
sub-pub-2
Remove
Add new tag
You can add 49 more tags.
CloudShell
Feedback
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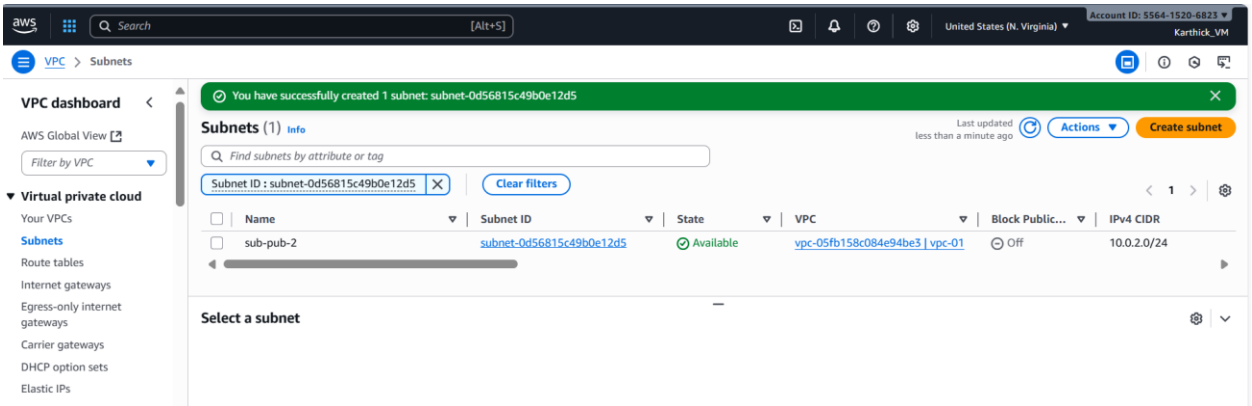
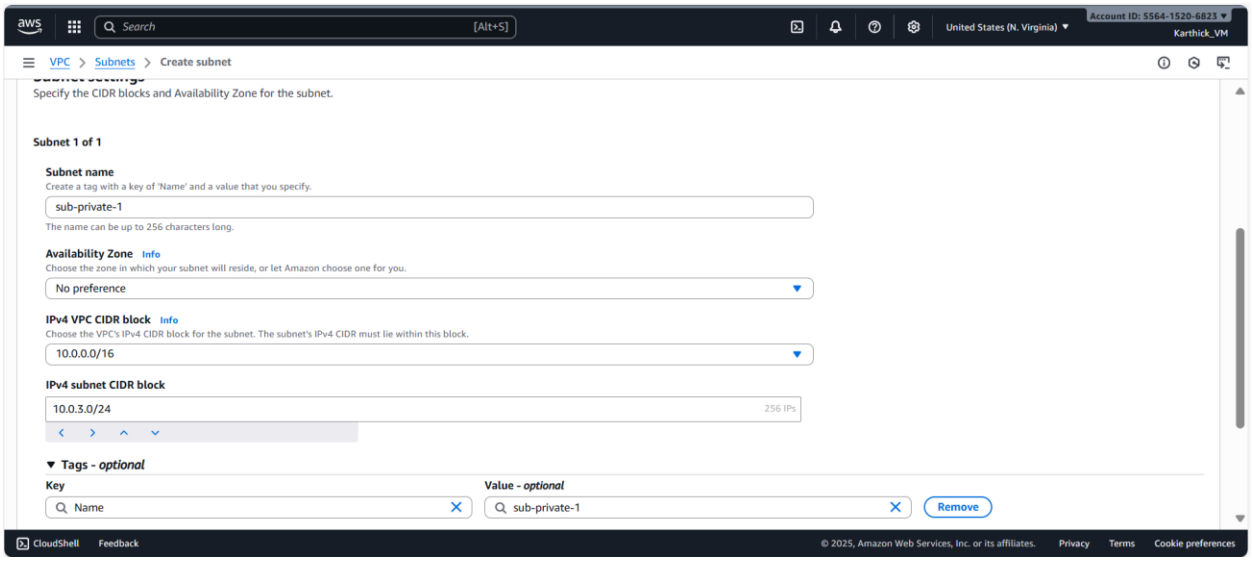

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
You have successfully created 1 subnet: subnet-0d56815c49b0e12d5
Subnets (1) Info
Last updated less than a minute ago
Actions
Create subnet
Find subnets by attribute or tag
Subnet ID : subnet-0d56815c49b0e12d5
Clear filters
Name
Subnet ID
State
VPC
Block Public...
IPv4 CIDR
sub-pub-2
subnet-0d56815c49b0e12d5
Available
vpc-05fb158c084e94be3 | vpc-01
Off
10.0.2.0/24
Select a subnet


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets > Create subnet
Specify the CIDR blocks and Availability Zone for the subnet.
Subnet 1 of 1
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
sub-private-1
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
No preference
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
10.0.0.0/16
IPv4 subnet CIDR block
10.0.3.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
sub-private-1
Remove
CloudShell
Feedback
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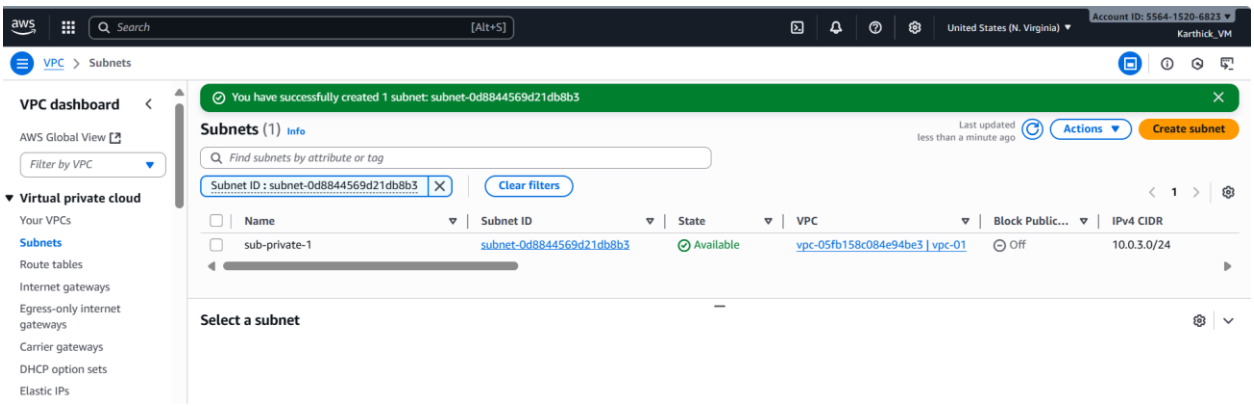
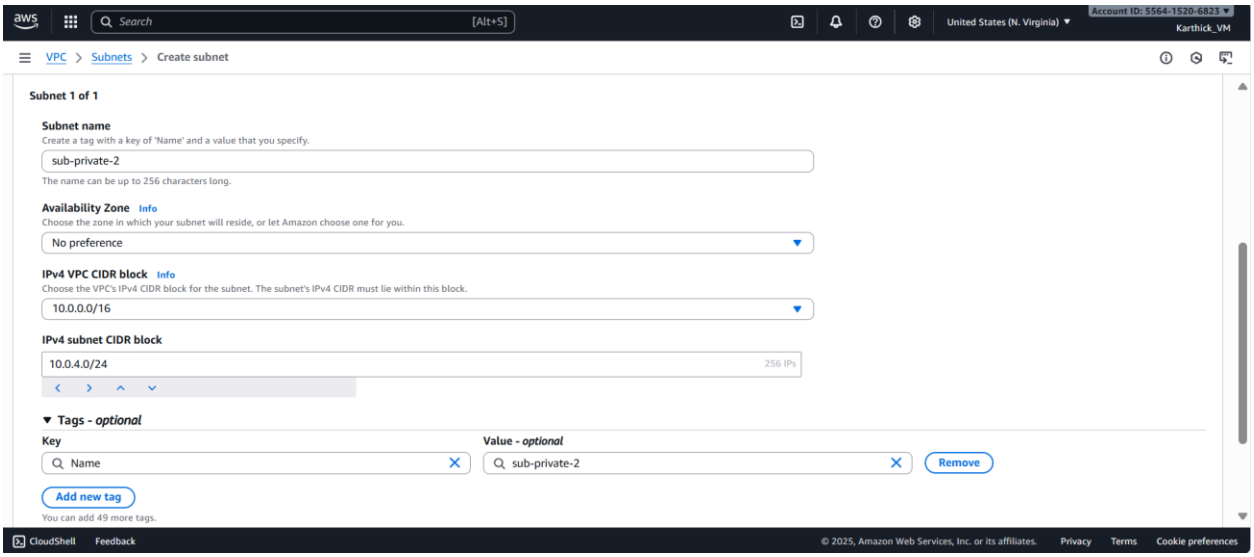

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
You have successfully created 1 subnet: subnet-0d8844569d21db8b3
Subnets (1) Info
Last updated less than a minute ago
Actions
Create subnet
Find subnets by attribute or tag
Subnet ID : subnet-0d8844569d21db8b3
Clear filters
Name
Subnet ID
State
VPC
Block Public...
IPv4 CIDR
sub-private-1
subnet-0d8844569d21db8b3
Available
vpc-05fb158c084e94be3 | vpc-01
Off
10.0.3.0/24
Select a subnet


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Subnets > Create subnet
Subnet 1 of 1
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
sub-private-2
The name can be up to 256 characters long.
Availability Zone Info
Choose the zone in which your subnet will reside, or let Amazon choose one for you.
No preference
IPv4 VPC CIDR block Info
Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.
10.0.0.0/16
IPv4 subnet CIDR block
10.0.4.0/24
256 IPs
Tags - optional
Key
Name
Value - optional
sub-private-2
Remove
Add new tag
You can add 49 more tags.
CloudShell
Feedback
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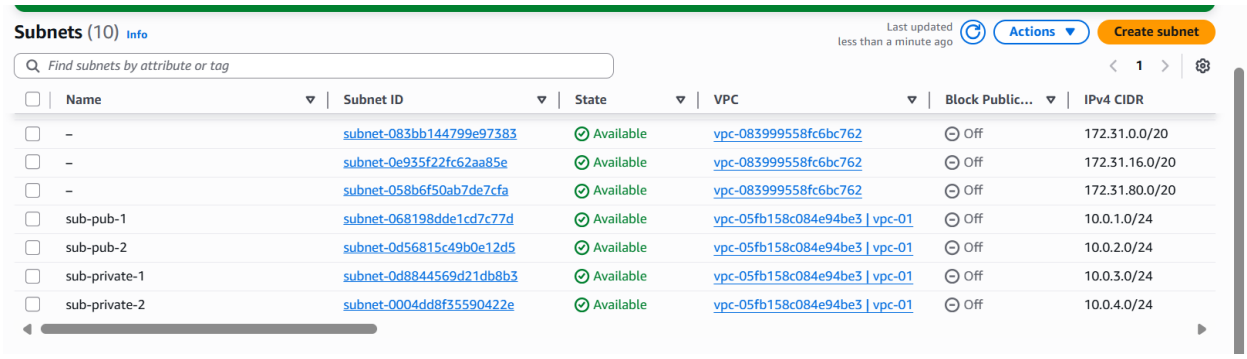
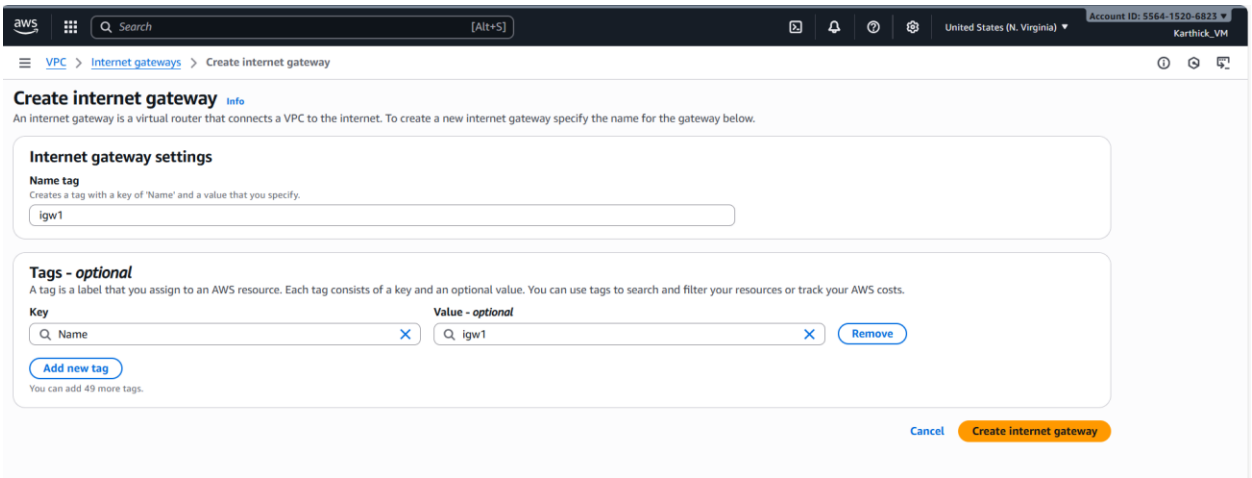
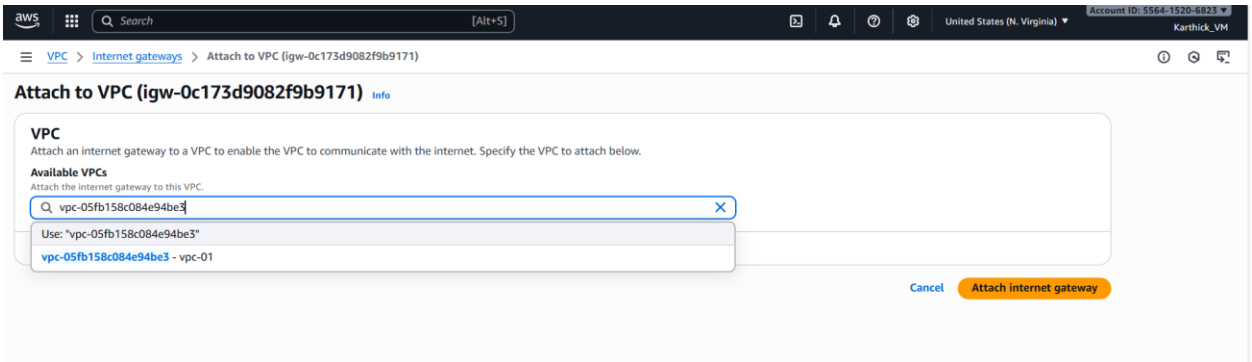
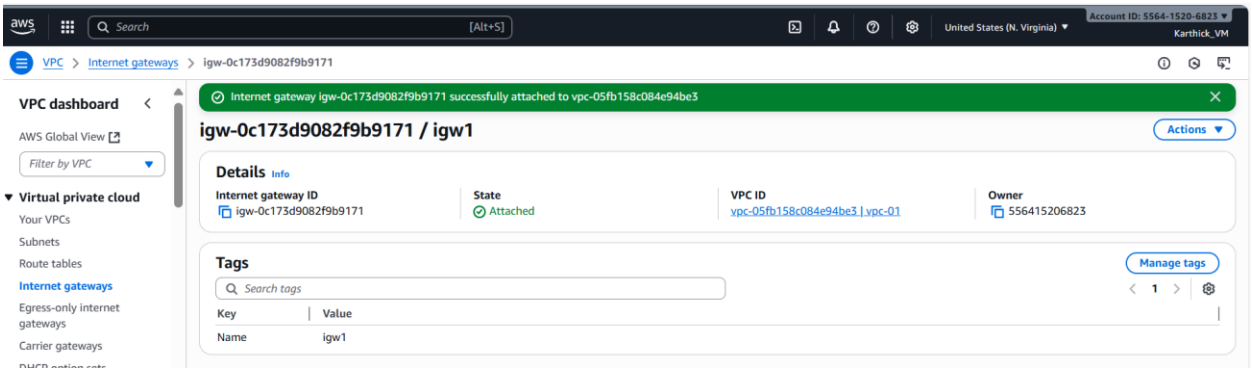
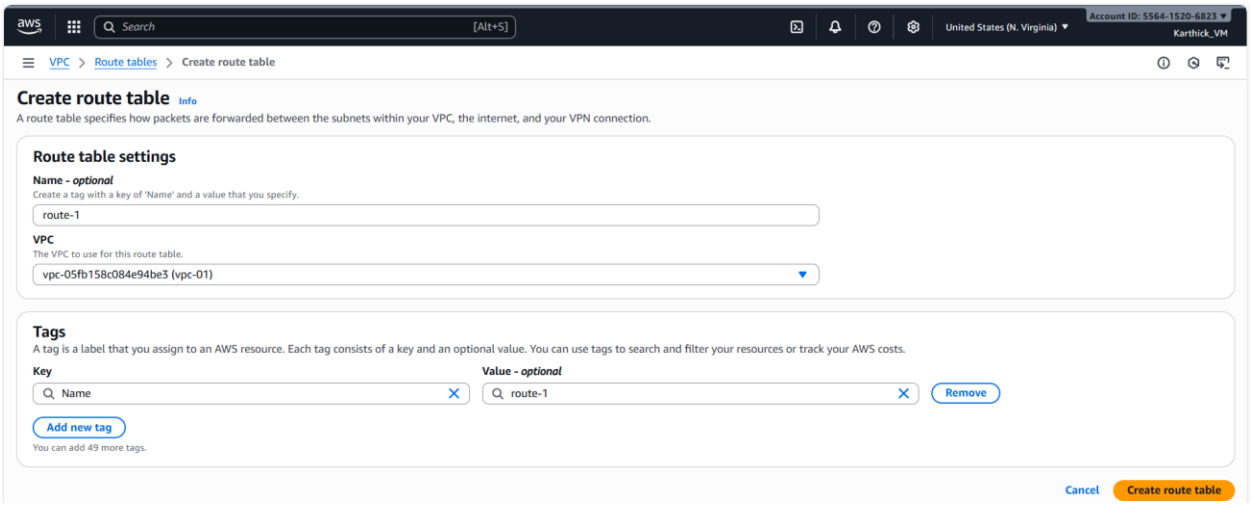
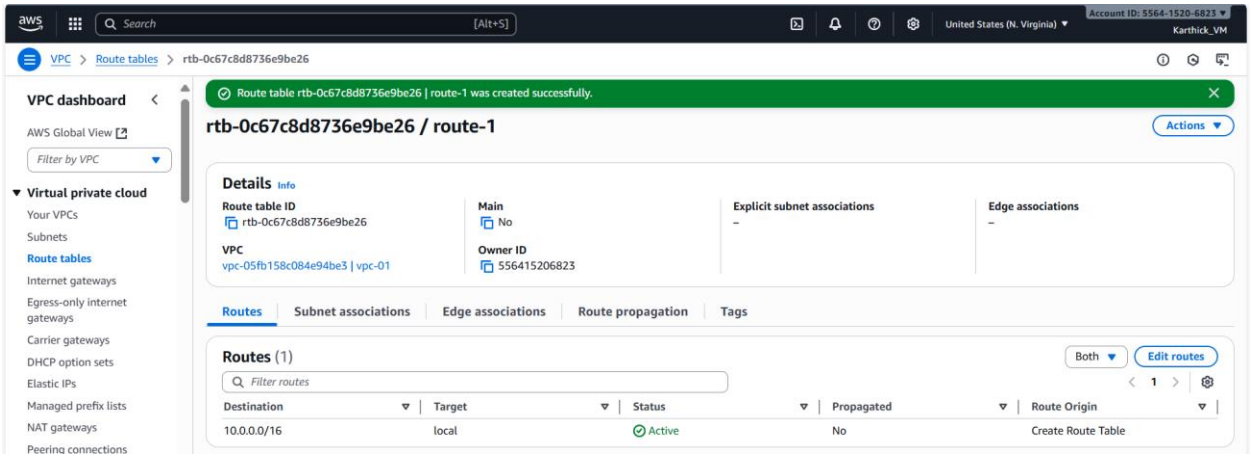

Subnets (10) Info
Last updated
less than a minute ago
Actions
Create subnet
Find subnets by attribute or tag
1
Name
Subnet ID
State
VPC
Block Public...
IPv4 CIDR
– subnet-083bb144799e97383 Available vpc-083999558fc6bc762 Off 172.31.0.0/20
– subnet-0e935f22fc62aa85e Available vpc-083999558fc6bc762 Off 172.31.16.0/20
– subnet-058b6f50ab7de7cfa Available vpc-083999558fc6bc762 Off 172.31.80.0/20
sub-pub-1 subnet-068198dde1cd7c77d Available vpc-05fb158c084e94be3 | vpc-01 Off 10.0.1.0/24
sub-pub-2 subnet-0d56815c49b0e12d5 Available vpc-05fb158c084e94be3 | vpc-01 Off 10.0.2.0/24
sub-private-1 subnet-0d8844569d21db8b3 Available vpc-05fb158c084e94be3 | vpc-01 Off 10.0.3.0/24
sub-private-2 subnet-0004dd8f35590422e Available vpc-05fb158c084e94be3 | vpc-01 Off 10.0.4.0/24


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Internet gateways > Create internet gateway
Create internet gateway Info
An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.
Internet gateway settings
Name tag
Creates a tag with a key of 'Name' and a value that you specify.
igw1
Tags - optional
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
Key
Name
Value - optional
igw1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Internet gateways > Attach to VPC (igw-0c173d9082f9b9171)
Attach to VPC (igw-0c173d9082f9b9171) Info
VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.
Available VPCs
Attach the internet gateway to this VPC.
vpc-05fb158c084e94be3
Use: "vpc-05fb158c084e94be3"
vpc-05fb158c084e94be3 - vpc-01
Cancel
Attach internet gateway


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Internet gateways > igw-0c173d9082f9b9171
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
Internet gateway igw-0c173d9082f9b9171 successfully attached to vpc-05fb158c084e94be3
igw-0c173d9082f9b9171 / igw1
Actions
Details Info
Internet gateway ID
igw-0c173d9082f9b9171
State
Attached
VPC ID
vpc-05fb158c084e94be3 | vpc-01
Owner
556415206823
Tags
Manage tags
Search tags
Key
Value
Name
igw1


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Route tables > Create route table
Create route table Info
A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
route-1
VPC
The VPC to use for this route table.
vpc-05fb158c084e94be3 (vpc-01)
Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
Key
Value - optional
Name
route-1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table


aws
Search
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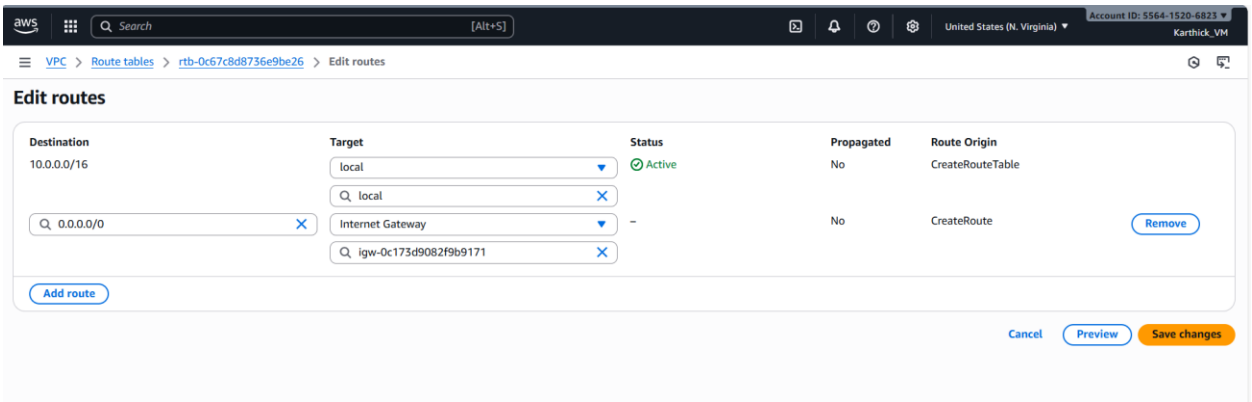
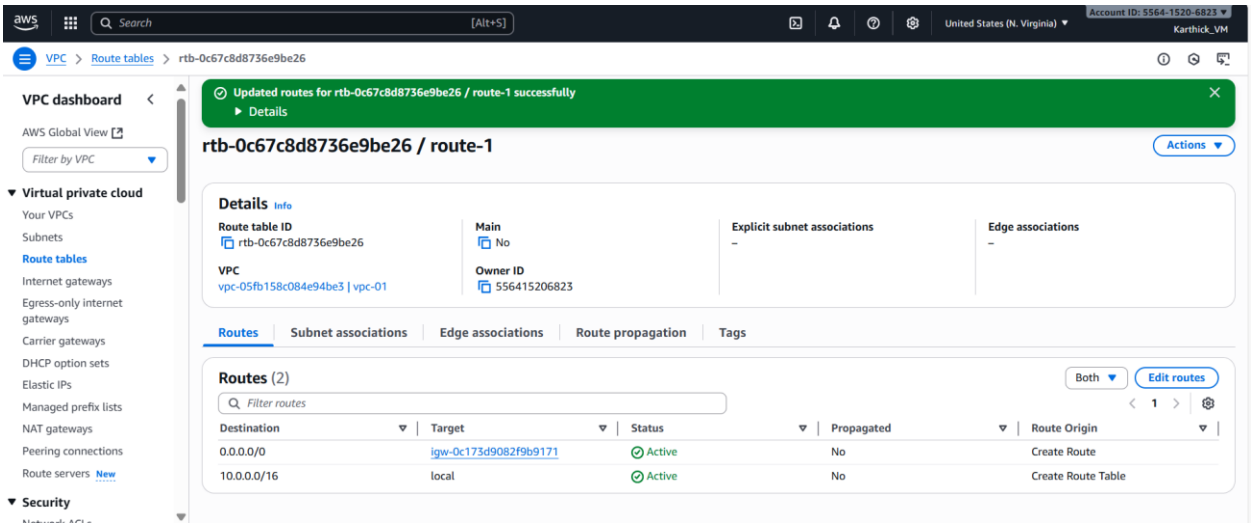
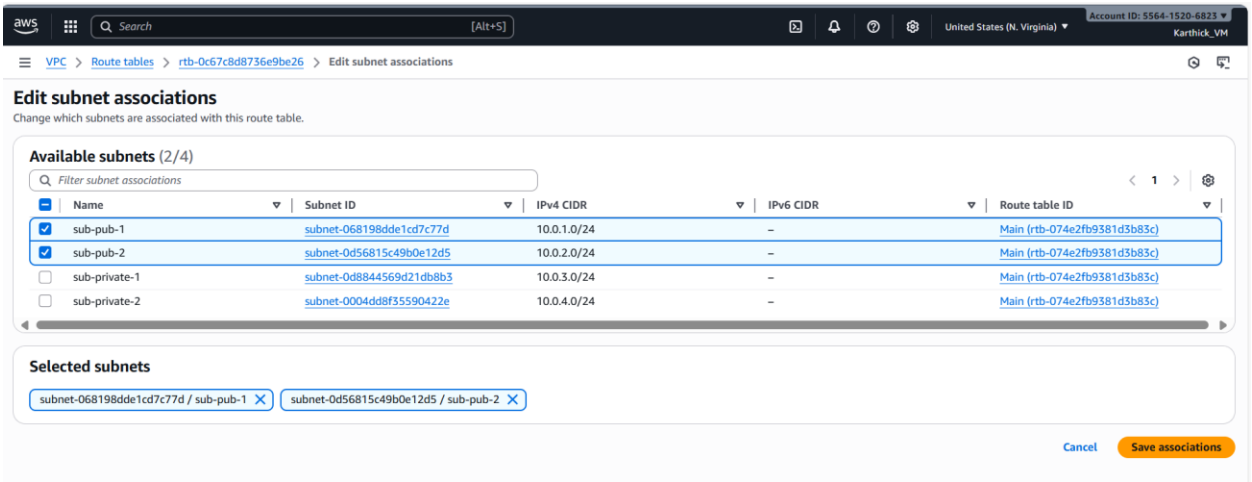
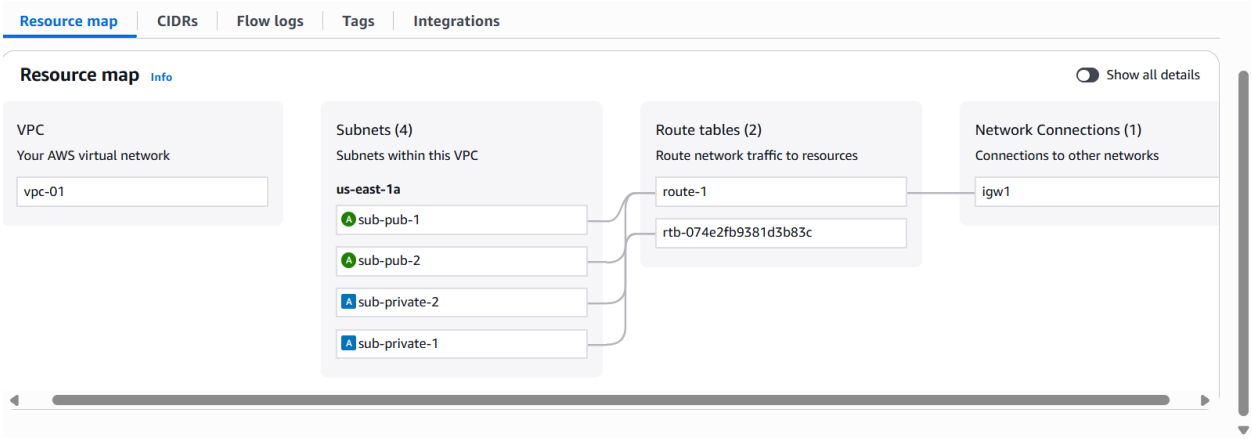
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Route tables > rtb-0c67c8d8736e9be26
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route table rtb-0c67c8d8736e9be26 | route-1 was created successfully.
rtb-0c67c8d8736e9be26 / route-1
Actions
Details Info
Route table ID
rtb-0c67c8d8736e9be26
Main
No
Explicit subnet associations
–
Edge associations
–
VPC
vpc-05fb158c084e94be3 | vpc-01
Owner ID
556415206823
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (1)
Both
Edit routes
Filter routes
Destination
Target
Status
Propagated
Route Origin
10.0.0.0/16
local
Active
No
Create Route Table

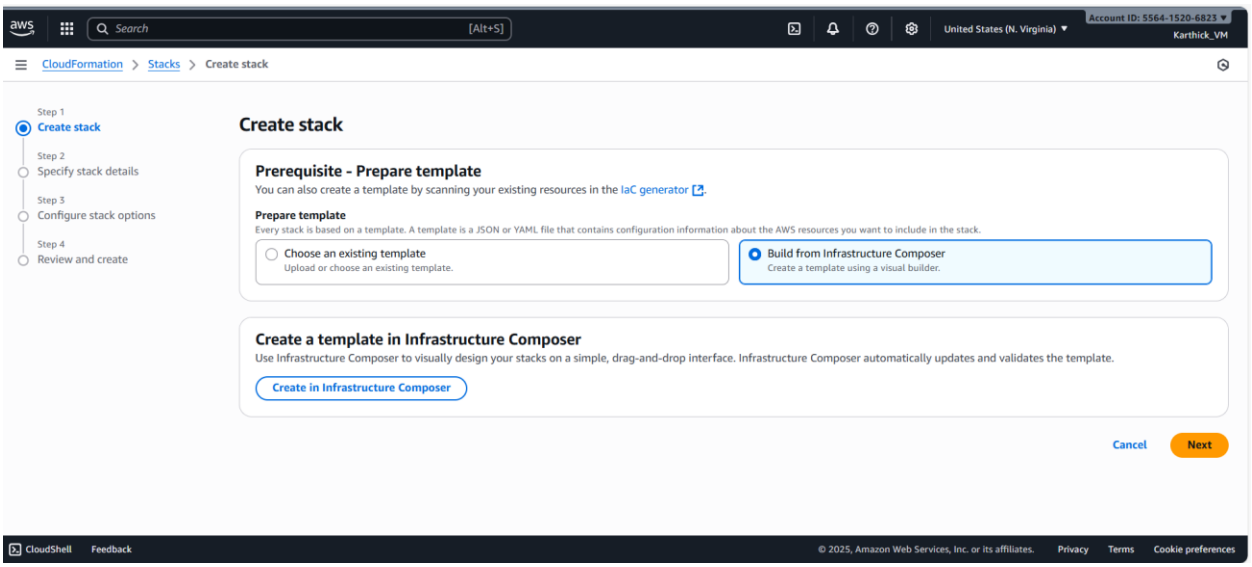

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Route tables > rtb-0c67c8d8736e9be26 > Edit routes
Edit routes
Destination
Target
Status
Propagated
Route Origin
10.0.0.0/16
local
Active
No
CreateRouteTable
local
0.0.0.0/0
Internet Gateway
–
No
CreateRoute
Remove
igw-0c173d9082f9b9171
Add route
Cancel
Preview
Save changes


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
VPC > Route tables > rtb-0c67c8d8736e9be26
VPC dashboard
AWS Global View
Filter by VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
NAT gateways
Peering connections
Route servers New
Security
Updated routes for rtb-0c67c8d8736e9be26 / route-1 successfully
Details
rtb-0c67c8d8736e9be26 / route-1
Actions
Details Info
Route table ID
rtb-0c67c8d8736e9be26
Main
No
Explicit subnet associations
–
Edge associations
–
VPC
vpc-05fb158c084e94be3 | vpc-01
Owner ID
556415206823
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (2)
Both
Edit routes
Filter routes
Destination
Target
Status
Propagated
Route Origin
0.0.0.0/0
igw-0c173d9082f9b9171
Active
No
Create Route
10.0.0.0/16
local
Active
No
Create Route Table




Q-2 Create CloudFormation YAML/JSON template for creating an EC2 instance where hardcoding of EC2 Properties is not allowed, you need to include Parameter, Mapping, Rules other than Resources element of CloudFormation template, also explain why we need these elements?


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudFormation > Stacks > Create stack
Step 1
Create stack
Step 2
Specify stack details
Step 3
Configure stack options
Step 4
Review and create
Create stack
Prerequisite - Prepare template
You can also create a template by scanning your existing resources in the IaC generator.
Prepare template
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.
Choose an existing template
Upload or choose an existing template.
Build from Infrastructure Composer
Create a template using a visual builder.
Create a template in Infrastructure Composer
Use Infrastructure Composer to visually design your stacks on a simple, drag-and-drop interface. Infrastructure Composer automatically updates and validates the template.
Create in Infrastructure Composer
Cancel
Next
CloudShell
Feedback
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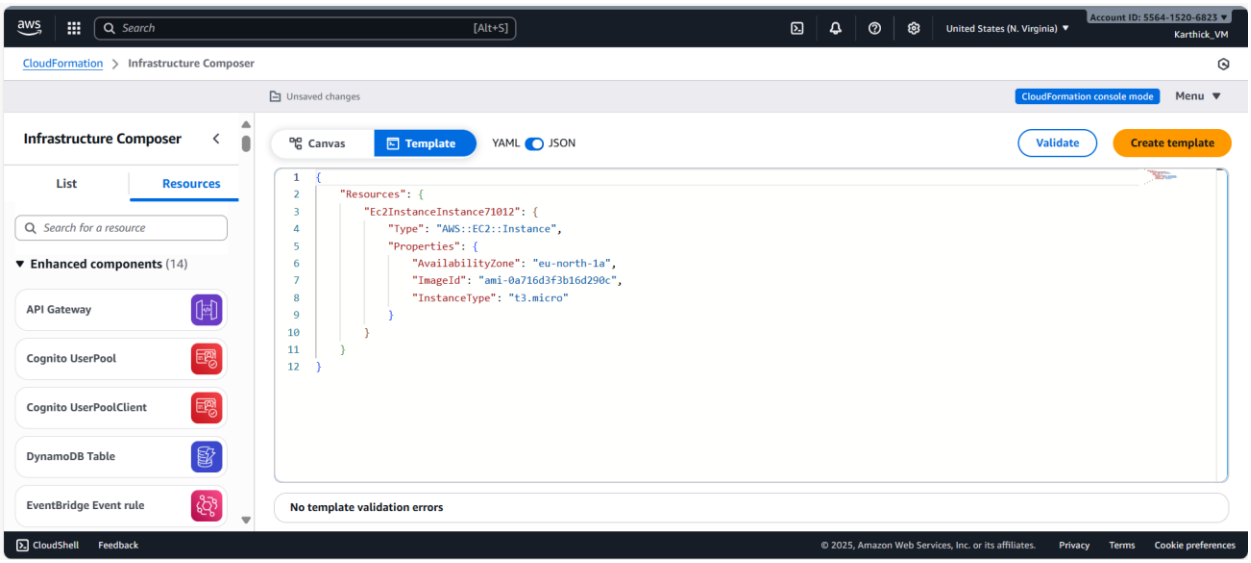
aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudFormation > Infrastructure Composer
Unsaved changes
CloudFormation console mode
Menu
Infrastructure Composer
List
Resources
Search for a resource
Enhanced components (14)
API Gateway
Cognito UserPool
Cognito UserPoolClient
DynamoDB Table
EventBridge Event rule
Canvas
Template
YAML
JSON
Validate
Create template
{
"Resources": {
"Ec2InstanceInstance71012": {
"Type": "AWS::EC2::Instance",
"Properties": {
"AvailabilityZone": "eu-north-1a",
"ImageId": "ami-0a716d3f3b16d290c",
"InstanceType": "t3.micro"
}
}
}
}
No template validation errors
CloudShell
Feedback
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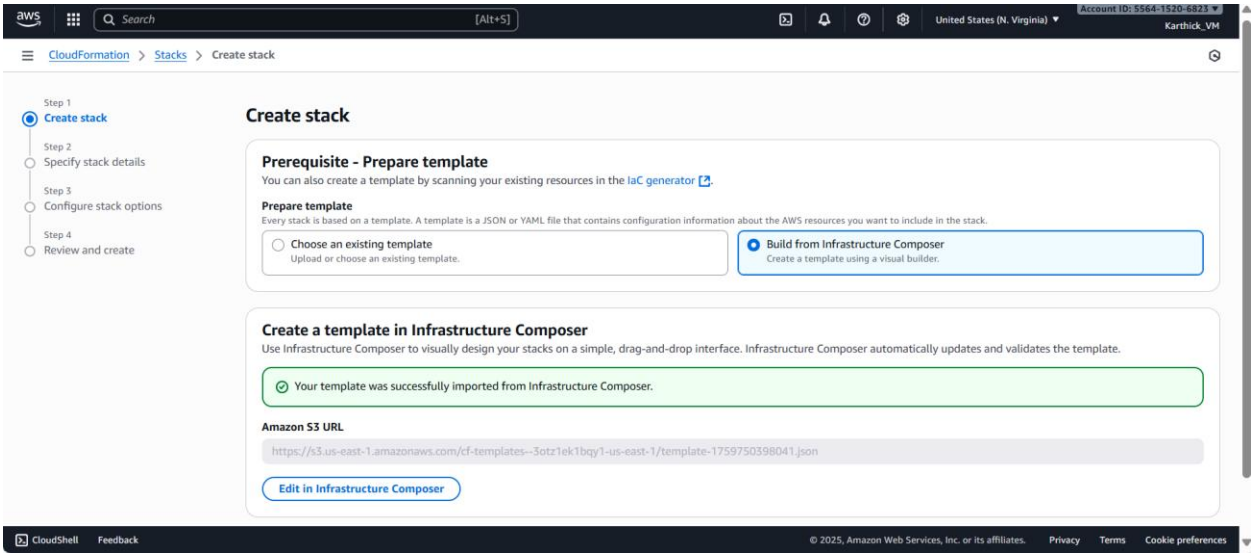
Search [Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudFormation > Stacks > Create stack
Step 1 Create stack
Step 2 Specify stack details
Step 3 Configure stack options
Step 4 Review and create
Create stack
Prerequisite - Prepare template
You can also create a template by scanning your existing resources in the IaC generator.
Prepare template
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.
Choose an existing template
Upload or choose an existing template.
Build from Infrastructure Composer
Create a template using a visual builder.
Create a template in Infrastructure Composer
Use Infrastructure Composer to visually design your stacks on a simple, drag-and-drop interface. Infrastructure Composer automatically updates and validates the template.
Your template was successfully imported from Infrastructure Composer.
Amazon S3 URL
https://s3.us-east-1.amazonaws.com/cf-templates--3otz1ek1bqy1-us-east-1/template-1759750398041.json
Edit in Infrastructure Composer
CloudShell
Feedback
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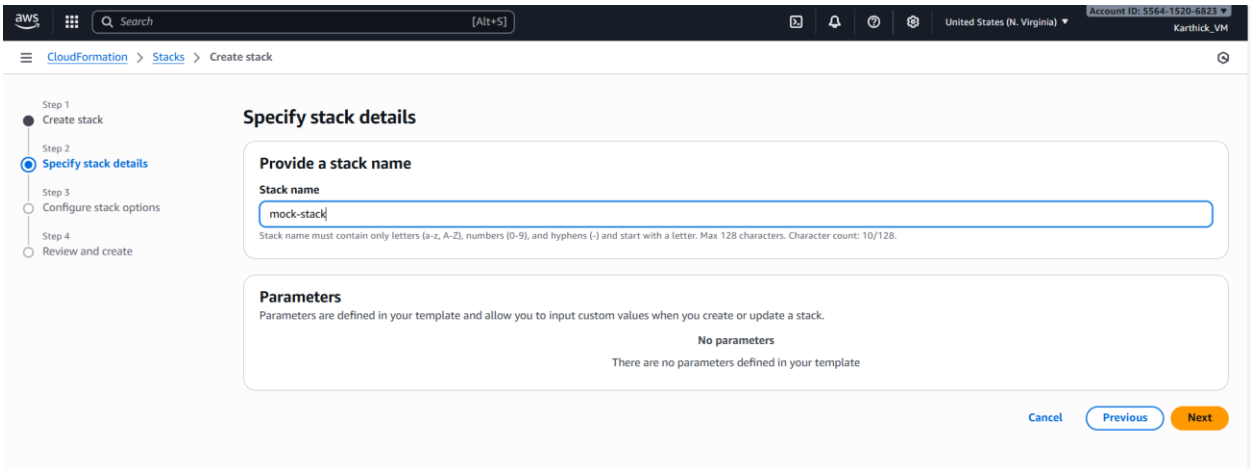
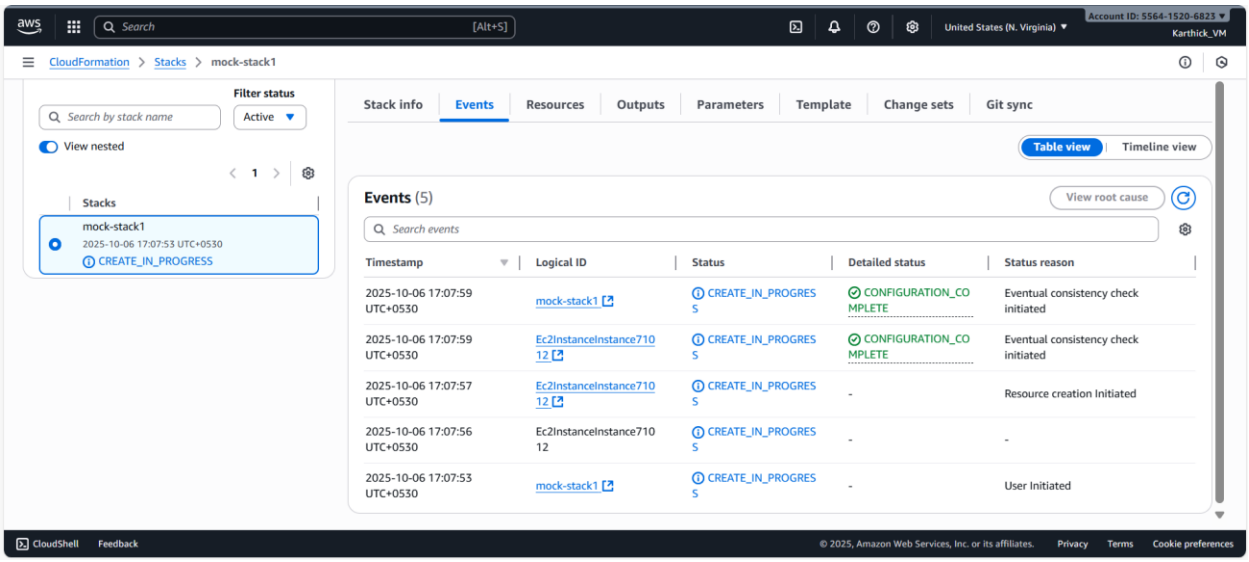

Search [Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudFormation > Stacks > Create stack
Step 1 Create stack
Step 2 Specify stack details
Step 3 Configure stack options
Step 4 Review and create
Specify stack details
Provide a stack name
Stack name
mock-stack
Stack name must contain only letters (a-z, A-Z), numbers (0-9), and hyphens (-) and start with a letter. Max 128 characters. Character count: 10/128.
Parameters
Parameters are defined in your template and allow you to input custom values when you create or update a stack.
No parameters
There are no parameters defined in your template
Cancel
Previous
Next


Search [Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudFormation > Stacks > mock-stack1
Search by stack name
Filter status
Active
View nested
Stacks
mock-stack1
2025-10-06 17:07:53 UTC+0530
CREATE_IN_PROGRESS
Stack info
Events
Resources
Outputs
Parameters
Template
Change sets
Git sync
Table view
Timeline view
Events (5)
View root cause
Search events
Timestamp
Logical ID
Status
Detailed status
Status reason
2025-10-06 17:07:59 UTC+0530
mock-stack1
CREATE_IN_PROGRESS
CONFIGURATION_COMPLETE
Eventual consistency check initiated
2025-10-06 17:07:59 UTC+0530
Ec2InstanceInstance71012
CREATE_IN_PROGRESS
CONFIGURATION_COMPLETE
Eventual consistency check initiated
2025-10-06 17:07:57 UTC+0530
Ec2InstanceInstance71012
CREATE_IN_PROGRESS
-
Resource creation Initiated
2025-10-06 17:07:56 UTC+0530
Ec2InstanceInstance71012
CREATE_IN_PROGRESS
-
-
2025-10-06 17:07:53 UTC+0530
mock-stack1
CREATE_IN_PROGRESS
-
User Initiated
CloudShell
Feedback
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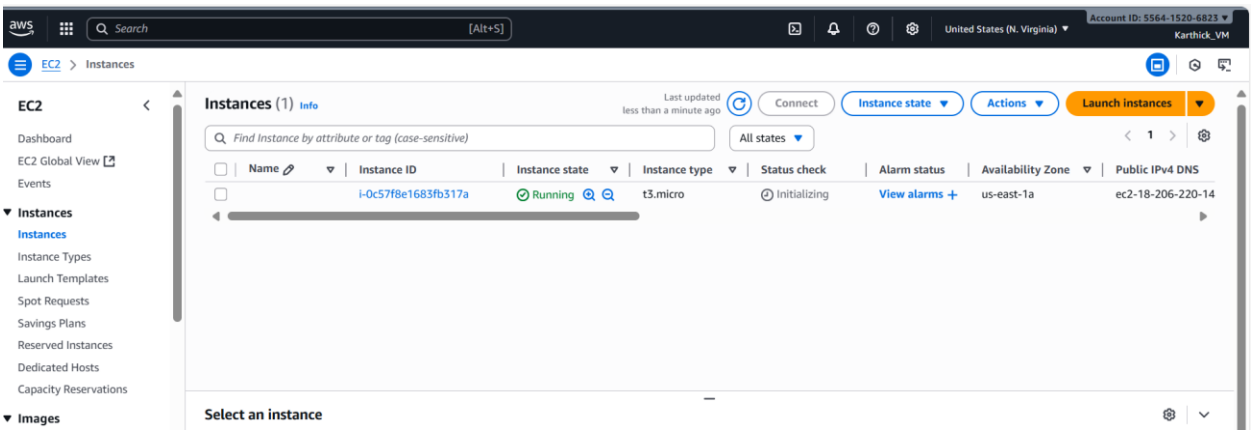
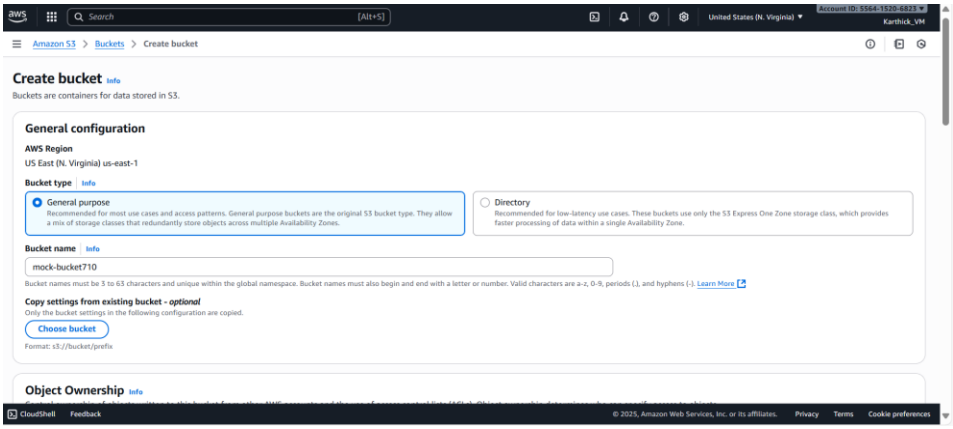



Q-3 What are different Storage Classes under S3 General Purpose Bucket and their use cases ?

- Buckets in AWS helps us to store data in form of objects as containers.the data can be files,folders,images,video,audio etc..
- The classes in the buckets will mostly be based on different access types and budget options i.e cost pereferences.
- The Types of storage class are:
    - S3 Standard –Storage for frequent access, ideal for web applications,big data analytics.
    - S3 Express 1 zone – High performance and mostly used for frequent access data models. Best suited for high performance.
    - S3 Standard – IA –Mostly used for infrequent access data. These are used for backups.
    - S3 Glacier Instant Retrieval - instant retrievals
    - S3 Glacier Deep Archive – Rarely accessed data

Create S3 versioning in bucket and Life Cycle policy for transitioning objects from one to other storage classes. What if Versioning is not enabled in the bucket? Show practically the consequence of not enabling versioning.

- Create a bucket with versioning in enable state


Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
Amazon S3 > Buckets > Create bucket
Create bucket Info
Buckets are containers for data stored in S3.
General configuration
AWS Region
US East (N. Virginia) us-east-1
Bucket type Info
General purpose
Recommended for most use cases and access patterns. General purpose buckets are the original S3 bucket type. They allow a mix of storage classes that redundantly store objects across multiple Availability Zones.
Directory
Recommended for low-latency use cases. These buckets use only the S3 Express One Zone storage class, which provides faster processing of data within a single Availability Zone.
Bucket name Info
mock-bucket710
Bucket names must be 3 to 63 characters and unique within the global namespace. Bucket names must also begin and end with a letter or number. Valid characters are a-z, 0-9, periods (.), and hyphens (-). Learn More
Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
Choose bucket
Format: s3://bucket/prefix
Object Ownership Info
CloudShell
Feedback
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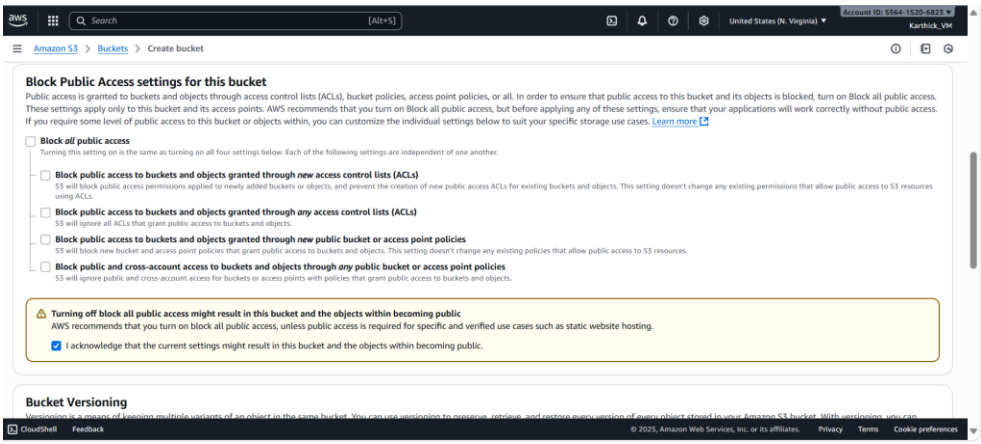
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
Amazon S3 > Buckets > Create bucket
Block Public Access settings for this bucket
Public access is granted to buckets and objects through access control lists (ACLs), bucket policies, access point policies, or all. In order to ensure that public access to this bucket and its objects is blocked, turn on Block all public access. These settings apply only to this bucket and its access points. AWS recommends that you turn on Block all public access, but before applying any of these settings, ensure that your applications will work correctly without public access. If you require some level of public access to this bucket or objects within, you can customize the individual settings below to suit your specific storage use cases. Learn more
Block all public access
Turning this setting on is the same as turning on all four settings below. Each of the following settings are independent of one another.
Block public access to buckets and objects granted through new access control lists (ACLs)
S3 will block public access permissions applied to newly added buckets or objects, and prevent the creation of new public access ACLs for existing buckets and objects. This setting doesn't change any existing permissions that allow public access to S3 resources using ACLs.
Block public access to buckets and objects granted through any access control lists (ACLs)
S3 will ignore all ACLs that grant public access to buckets and objects.
Block public access to buckets and objects granted through new public bucket or access point policies
S3 will block new bucket and access point policies that grant public access to buckets and objects. This setting doesn't change any existing policies that allow public access to S3 resources.
Block public and cross-account access to buckets and objects through any public bucket or access point policies
S3 will ignore public and cross-account access for buckets or access points with policies that grant public access to buckets and objects.
Turning off block all public access might result in this bucket and the objects within becoming public
AWS recommends that you turn on block all public access, unless public access is required for specific and verified use cases such as static website hosting.
I acknowledge that the current settings might result in this bucket and the objects within becoming public.
Bucket Versioning
CloudShell
Feedback
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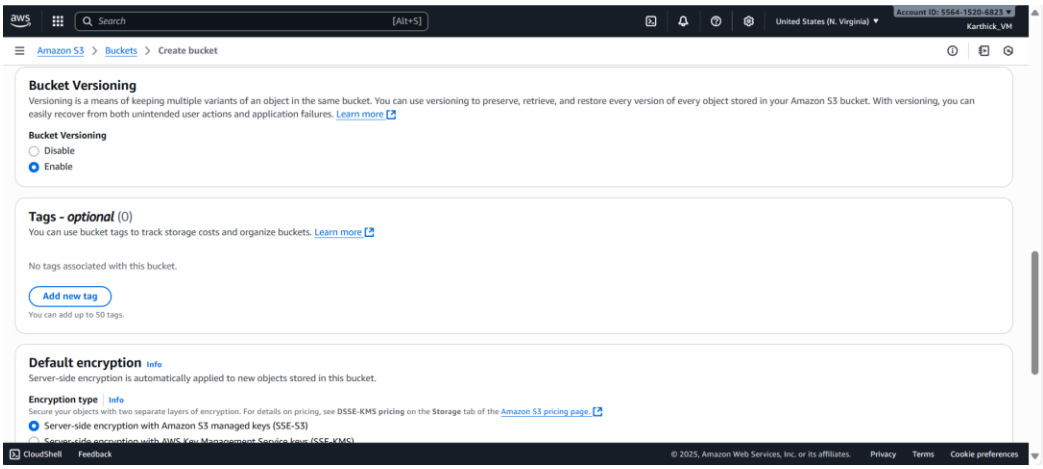
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
Amazon S3 > Buckets > Create bucket
Bucket Versioning
Versioning is a means of keeping multiple variants of an object in the same bucket. You can use versioning to preserve, retrieve, and restore every version of every object stored in your Amazon S3 bucket. With versioning, you can easily recover from both unintended user actions and application failures. Learn more
Bucket Versioning
Disable
Enable
Tags - optional (0)
You can use bucket tags to track storage costs and organize buckets. Learn more
No tags associated with this bucket.
Add new tag
You can add up to 50 tags.
Default encryption Info
Server-side encryption is automatically applied to new objects stored in this bucket.
Encryption type Info
Secure your objects with two separate layers of encryption. For details on pricing, see DSSE-KMS pricing on the Storage tab of the Amazon S3 pricing page.
Server-side encryption with Amazon S3 managed keys (SSE-S3)
CloudShell
Feedback
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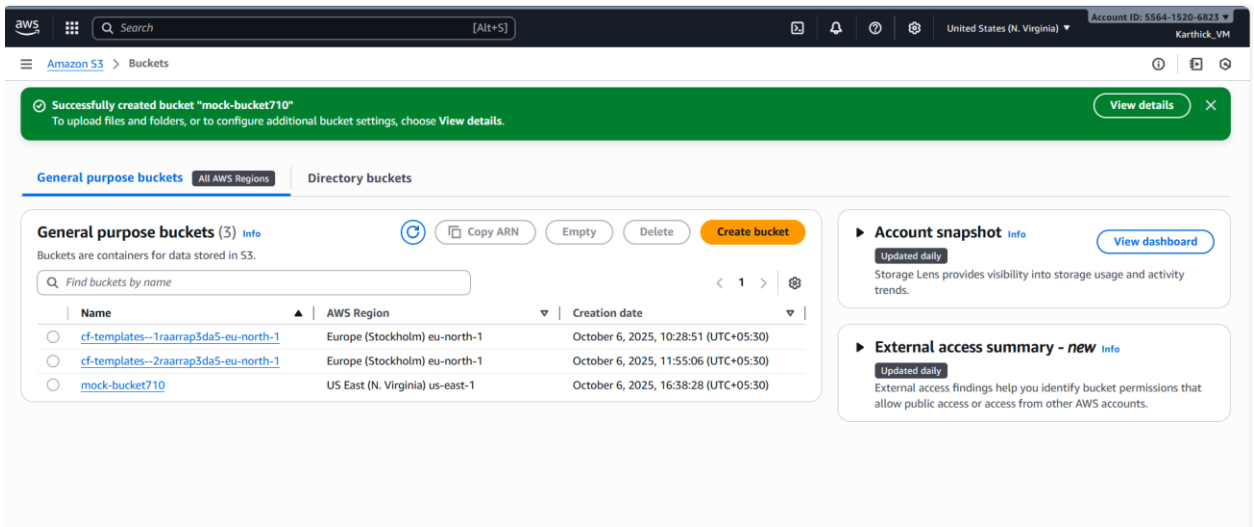
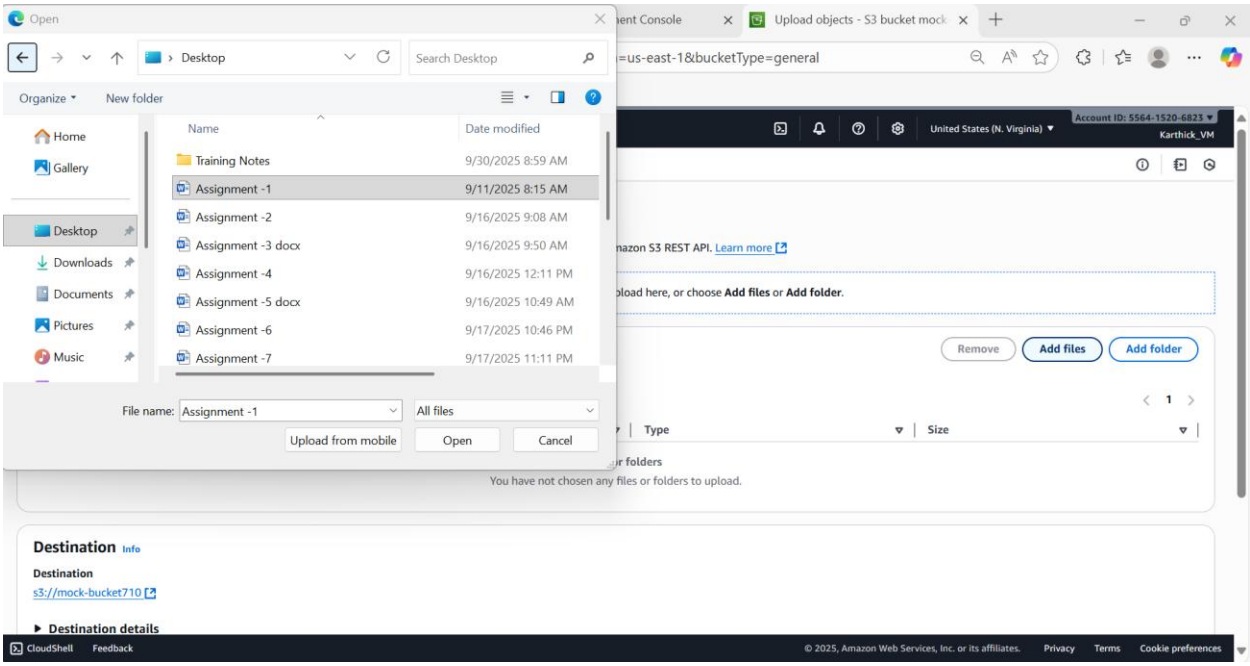
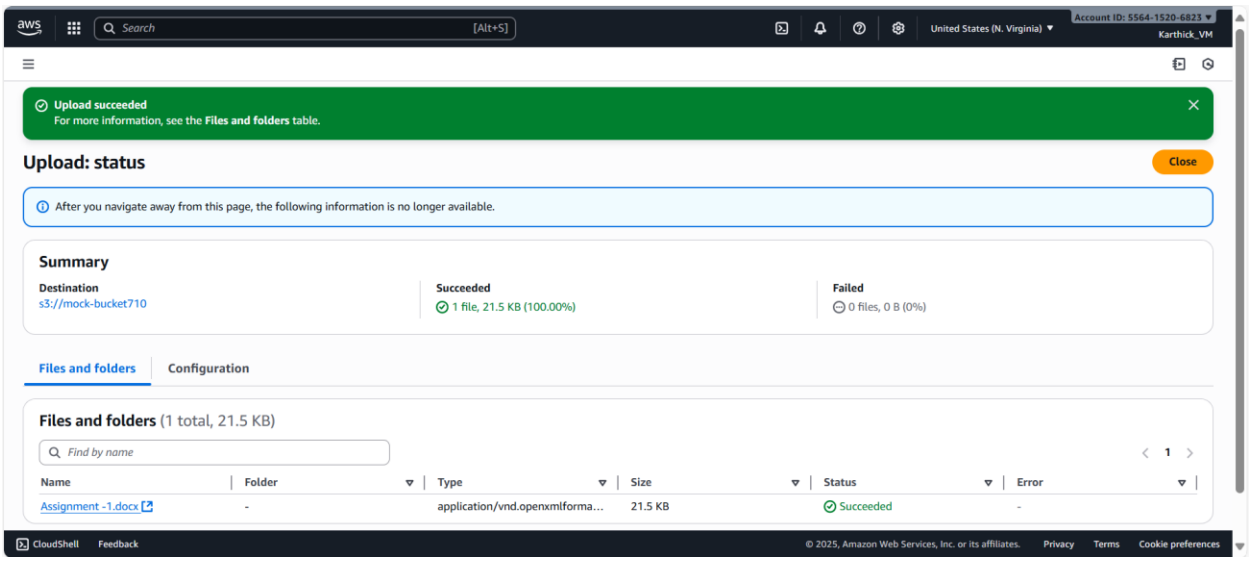
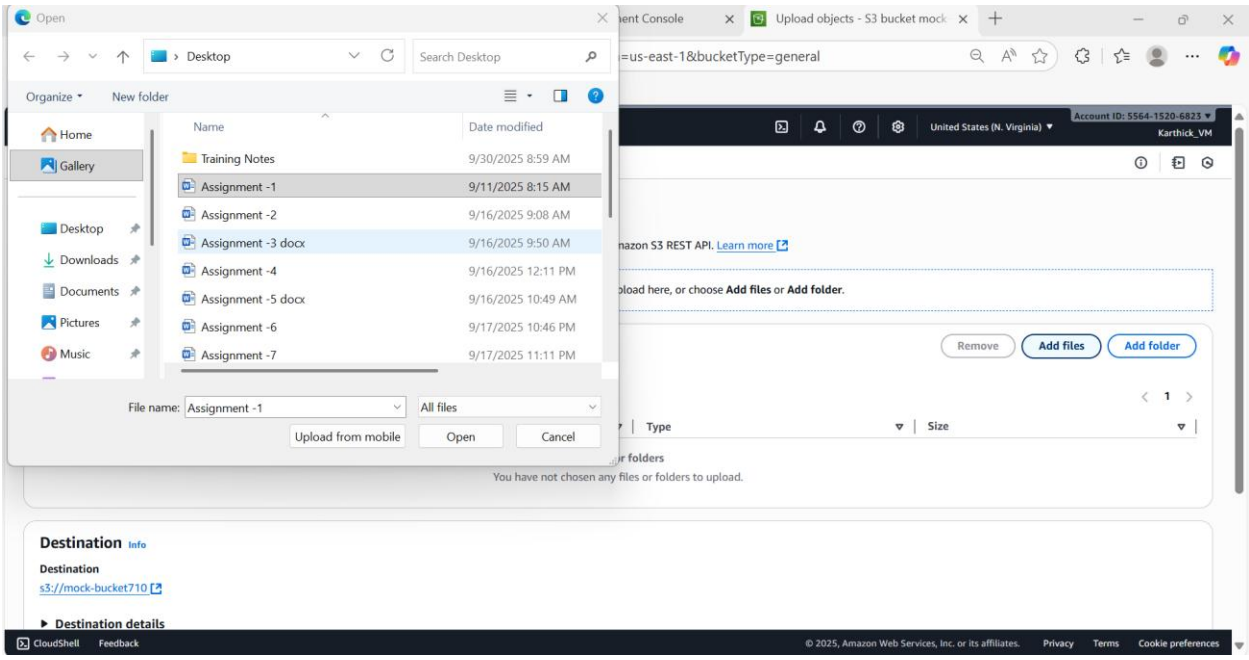


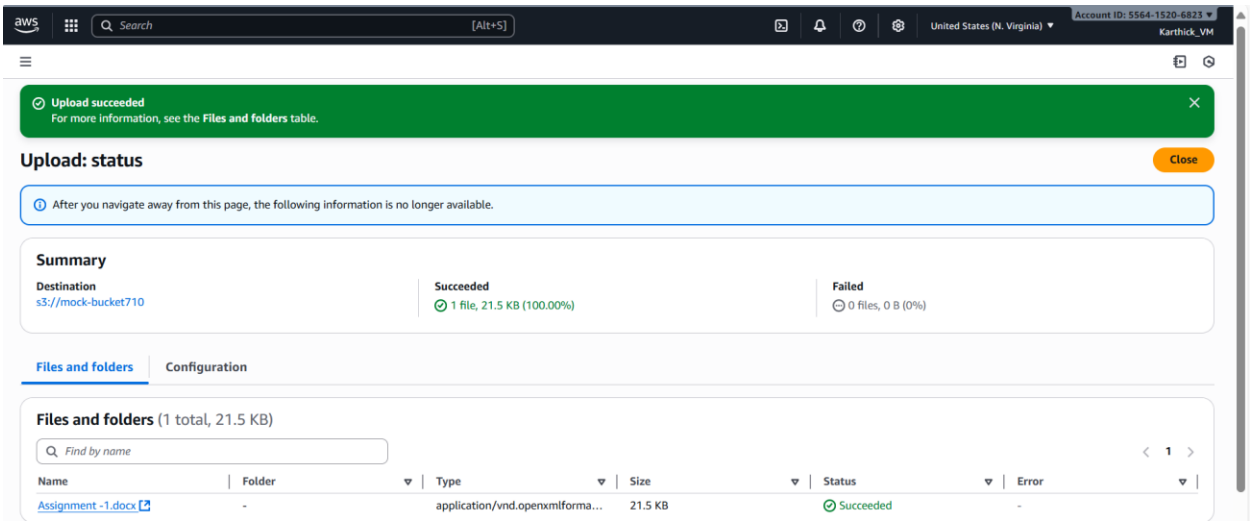

- Upload a file in the bucket



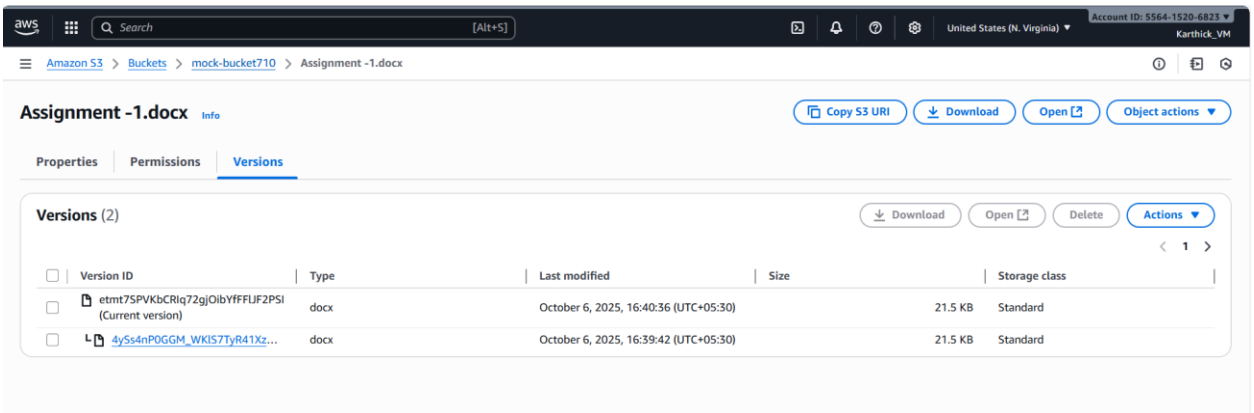



- Modify the file and again upload the file in the bucket

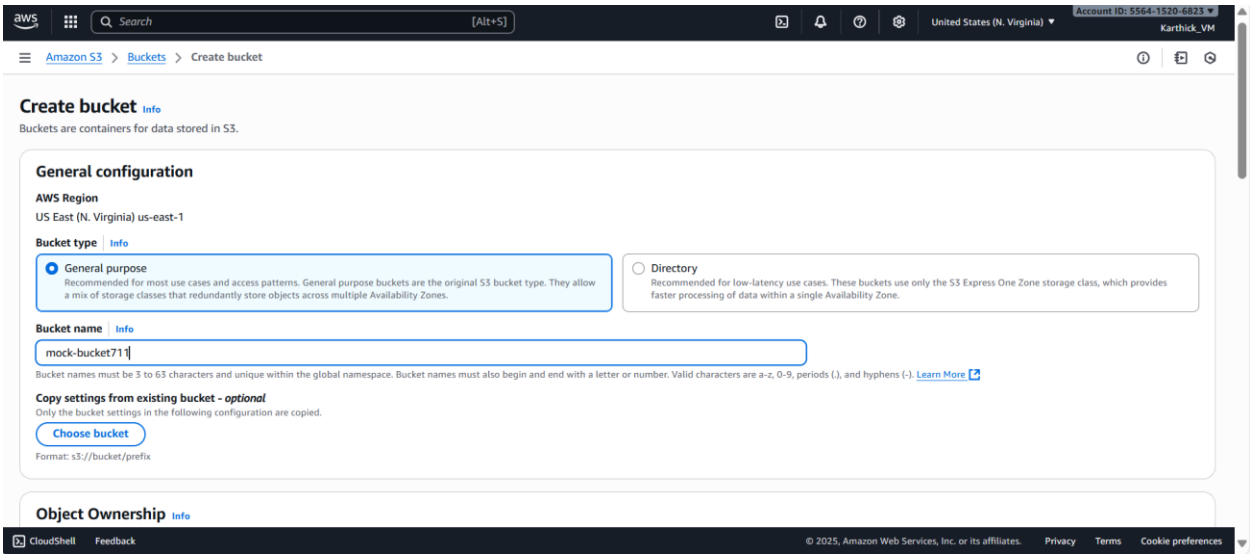


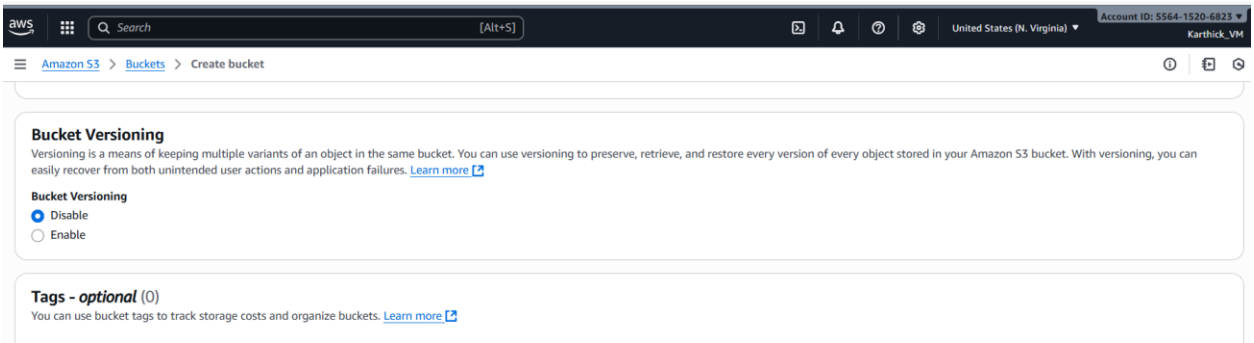


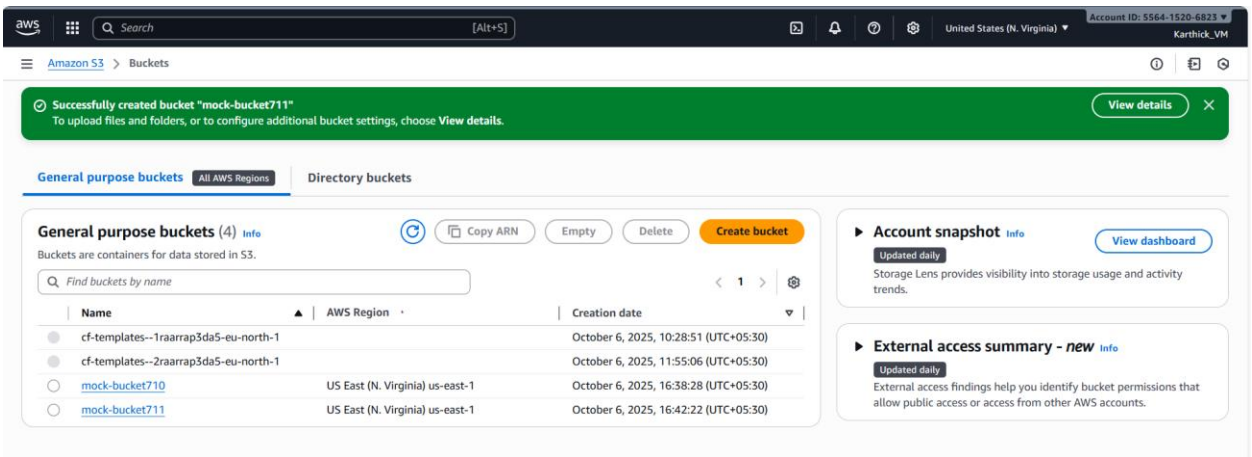

- Go to versions page of the file now you can see the version of the file



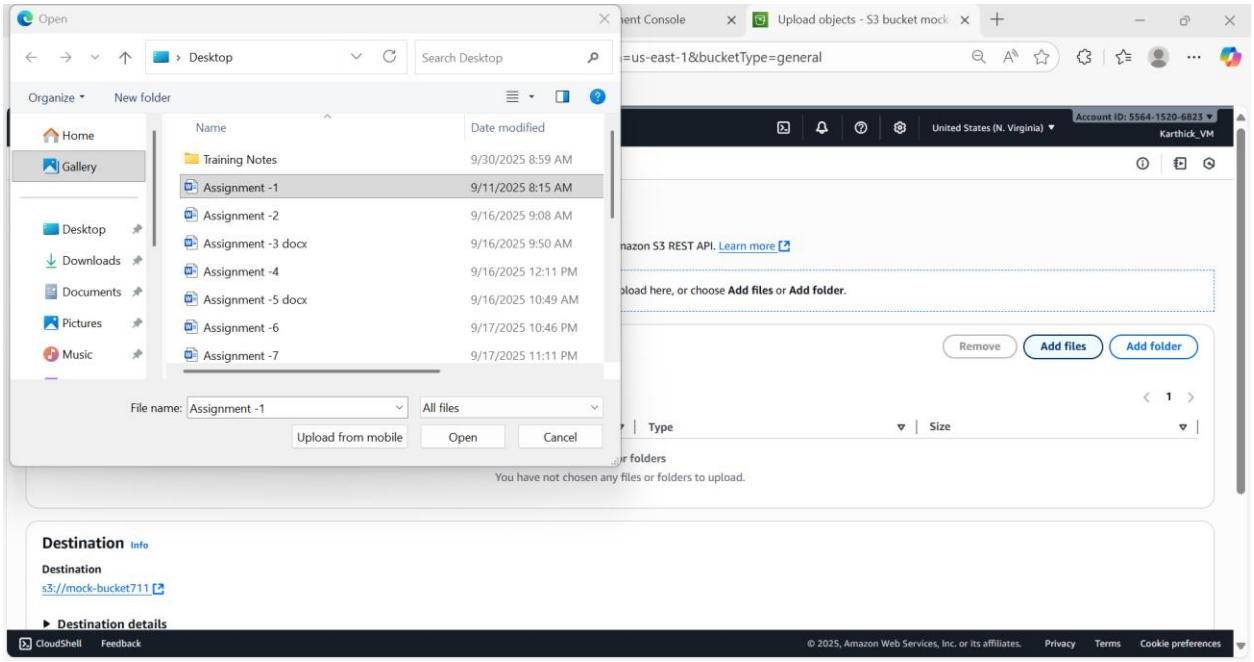
- Create a bucket with disabling the versioning.

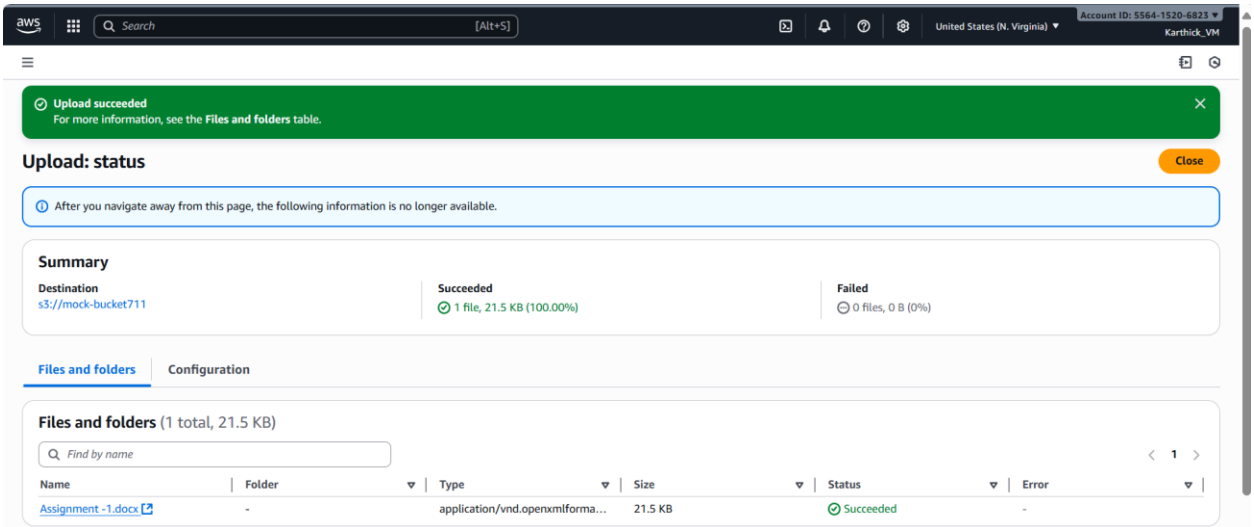


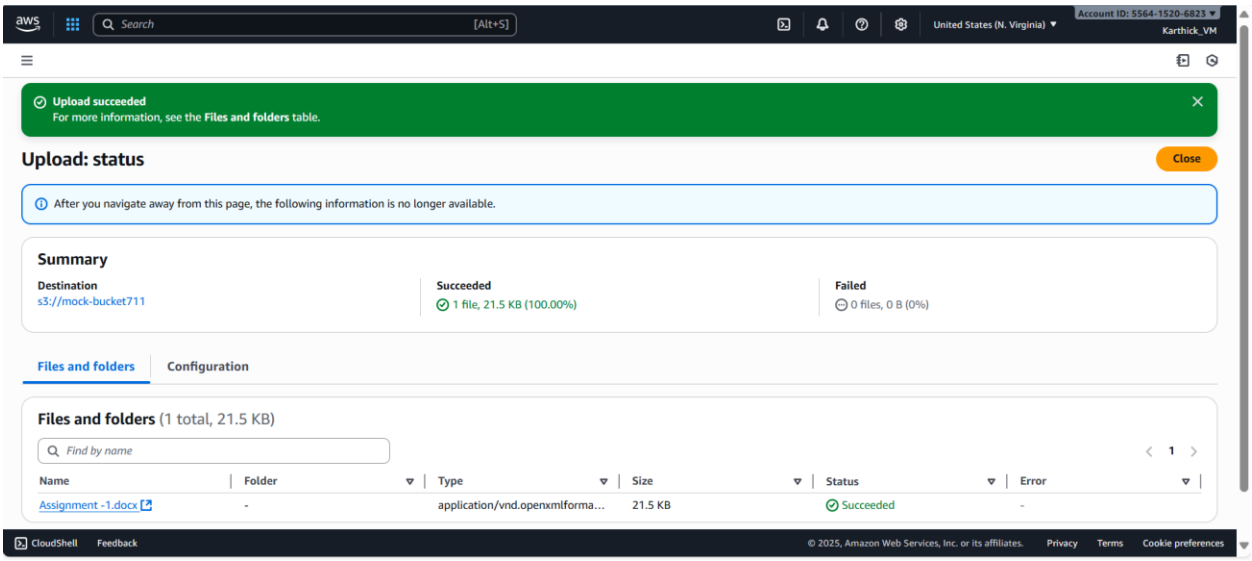



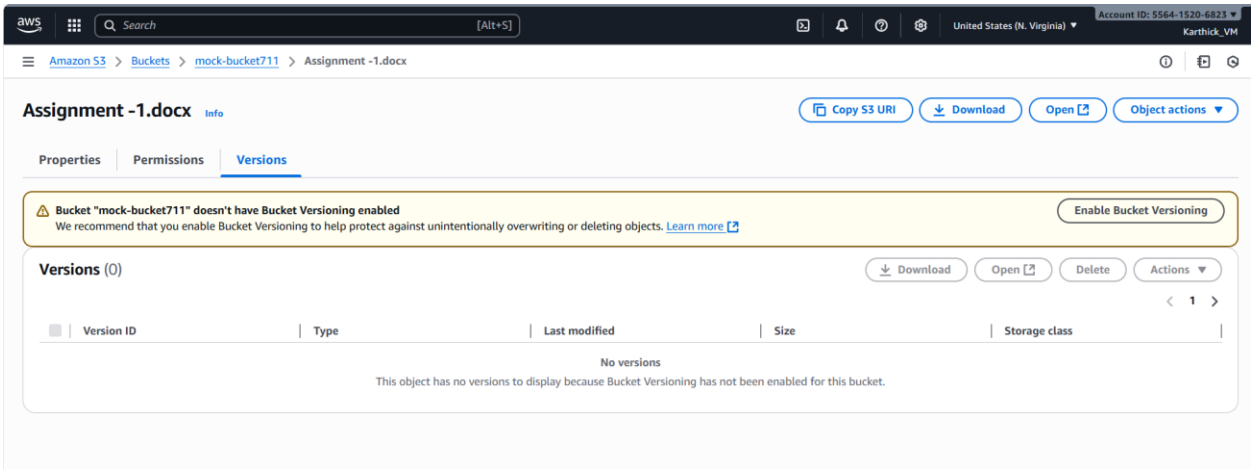
- Similarly upload the file first in the bucket and again upload the same file.



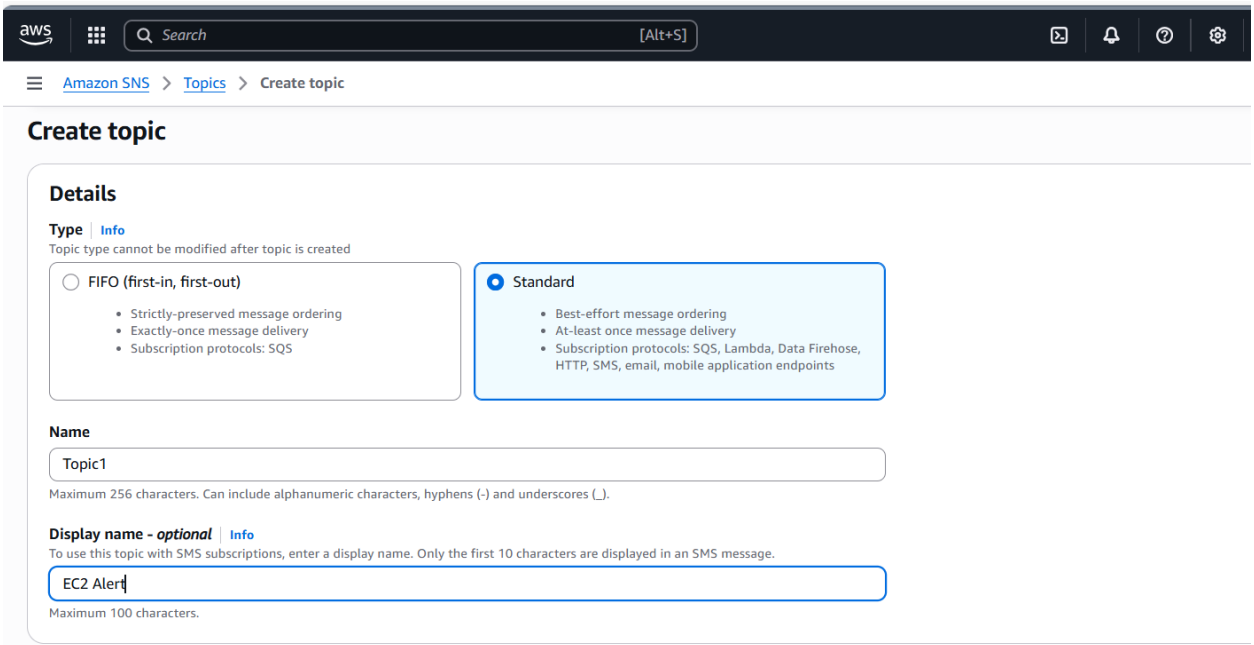



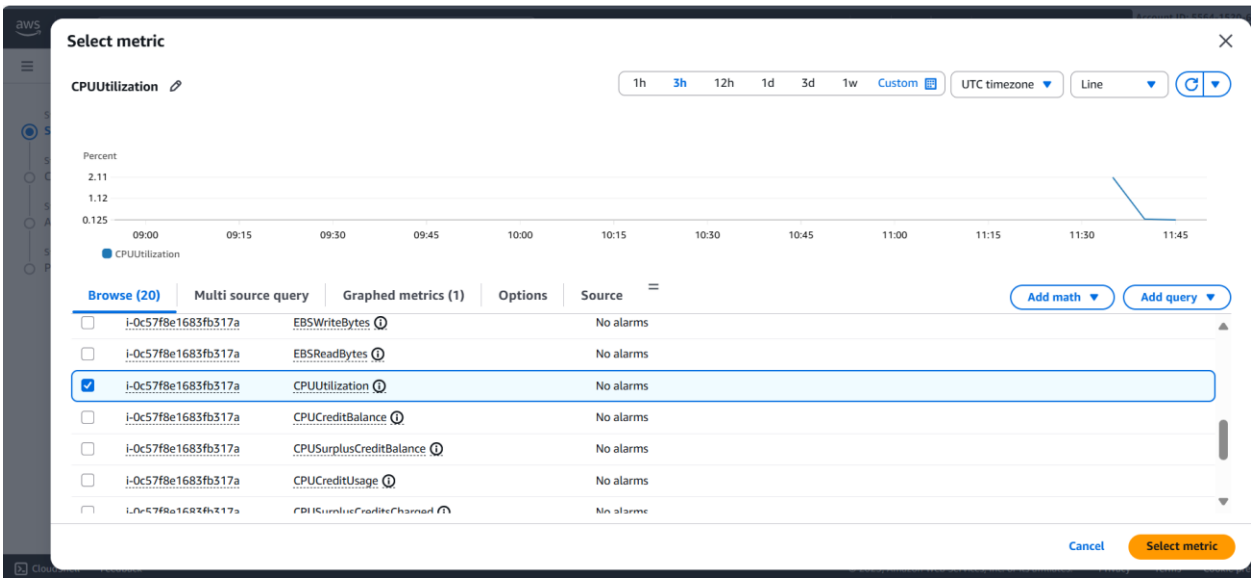


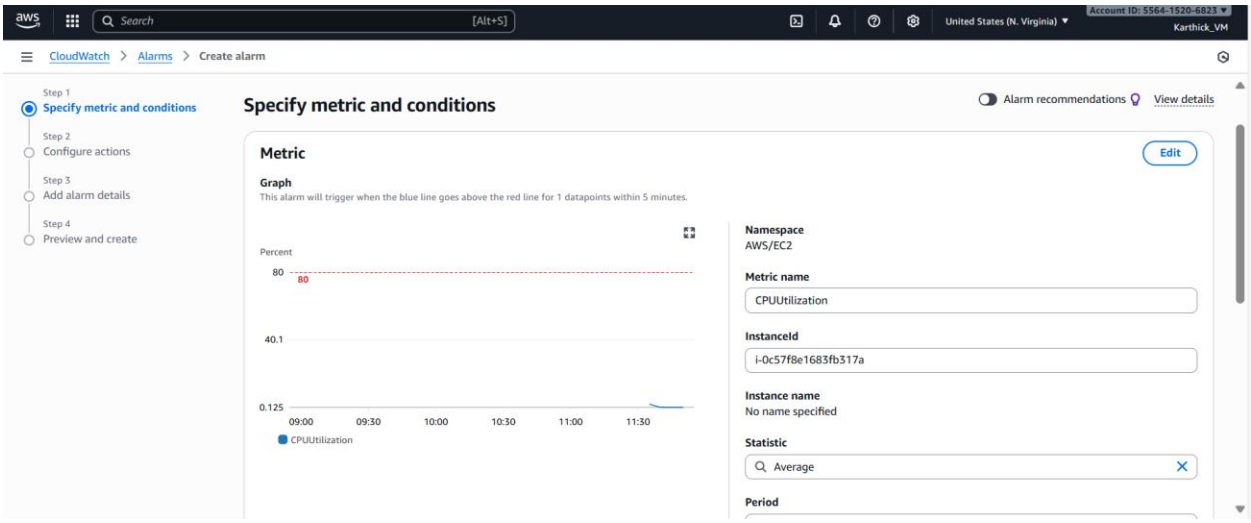

- When you see the versions page of the file here you can see that the file is overridden not versioned like previous bucket.

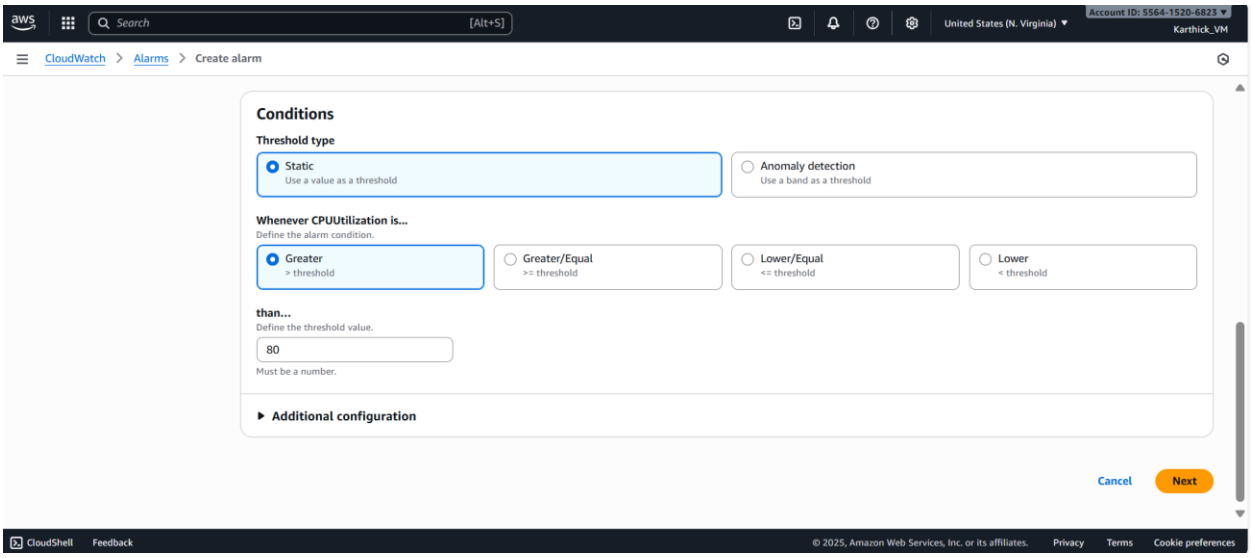


Q-4 You are a Cloud Administrator managing a production web server hosted on an EC2 instance. Recently, you've noticed performance issues due to high CPU usage during traffic spikes. Your manager has asked you to set up an automated alert system that notifies the operations team whenever the EC2 instance's CPU utilization goes above 80% for more than 5 minutes. Task:-Set up a CloudWatch alarm to trigger an SNS notification when EC2 CPU utilization exceeds 80%.




aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudWatch > Alarms > Create alarm
Step 1
Specify metric and conditions
Step 2
Configure actions
Step 3
Add alarm details
Step 4
Preview and create
Specify metric and conditions
Alarm recommendations
View details
Metric
Edit
Graph
This alarm will trigger when the blue line goes above the red line for 1 datapoints within 5 minutes.
Percent
80
80
40.1
0.125
09:00
09:30
10:00
10:30
11:00
11:30
CPUUtilization
Namespace
AWS/EC2
Metric name
CPUUtilization
InstanceId
i-0c57f8e1683fb317a
Instance name
No name specified
Statistic
Average
Period


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudWatch > Alarms > Create alarm
Conditions
Threshold type
Static
Use a value as a threshold
Anomaly detection
Use a band as a threshold
Whenever CPUUtilization is...
Define the alarm condition.
Greater
> threshold
Greater/Equal
>= threshold
Lower/Equal
<= threshold
Lower
< threshold
than...
Define the threshold value.
80
Must be a number.
Additional configuration
Cancel
Next
CloudShell
Feedback
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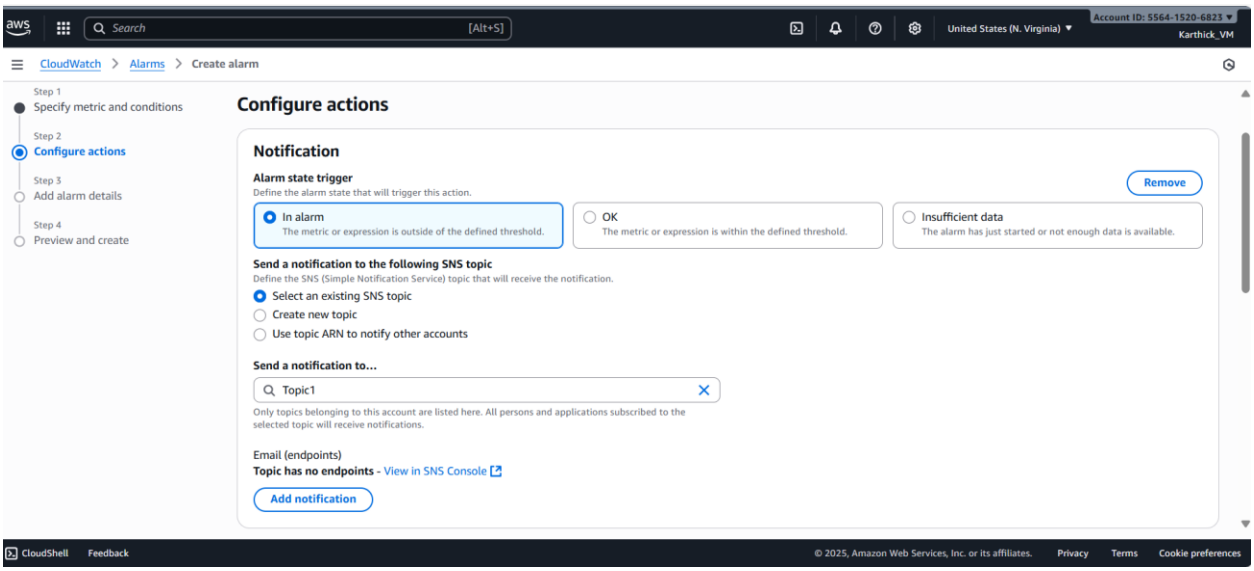
aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudWatch > Alarms > Create alarm
Step 1
Specify metric and conditions
Step 2
Configure actions
Step 3
Add alarm details
Step 4
Preview and create
Configure actions
Notification
Alarm state trigger
Define the alarm state that will trigger this action.
Remove
In alarm
The metric or expression is outside of the defined threshold.
OK
The metric or expression is within the defined threshold.
Insufficient data
The alarm has just started or not enough data is available.
Send a notification to the following SNS topic
Define the SNS (Simple Notification Service) topic that will receive the notification.
Select an existing SNS topic
Create new topic
Use topic ARN to notify other accounts
Send a notification to...
Topic1
Only topics belonging to this account are listed here. All persons and applications subscribed to the selected topic will receive notifications.
Email (endpoints)
Topic has no endpoints - View in SNS Console
Add notification
CloudShell
Feedback
© 2025, Amazon Web Services, Inc. or its affiliates.
Privacy
Terms
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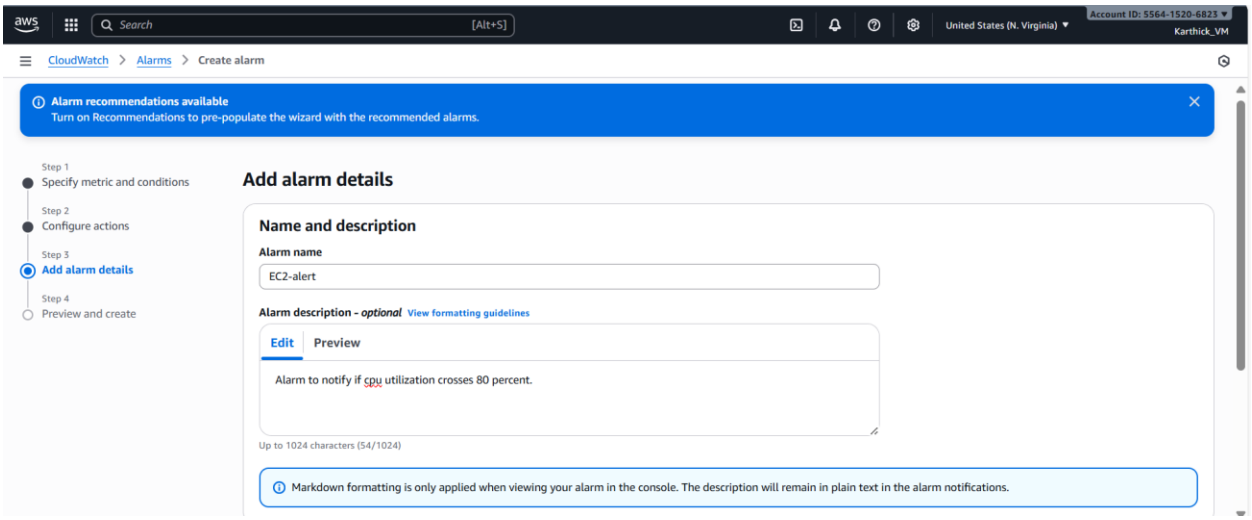
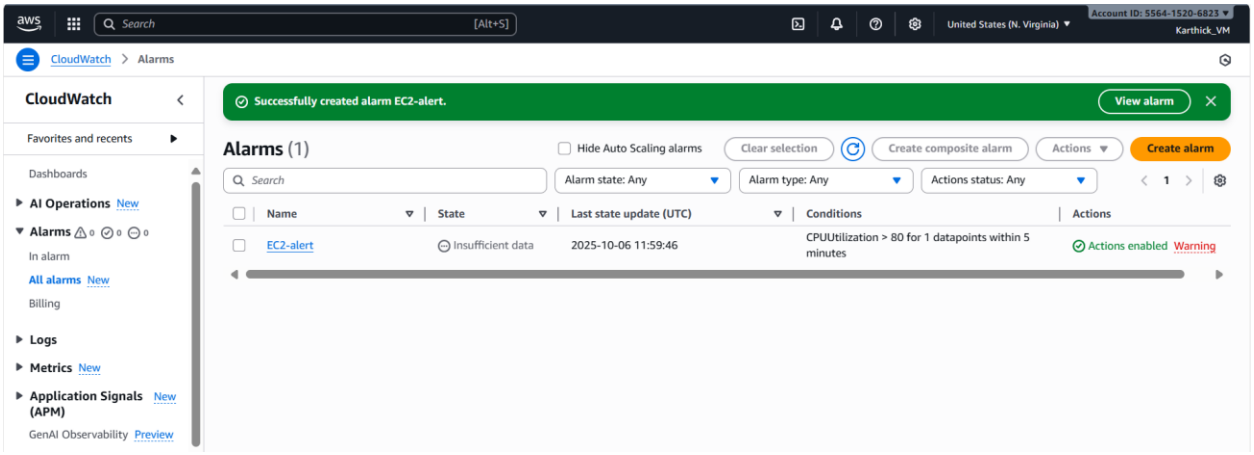

aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudWatch > Alarms > Create alarm
Alarm recommendations available
Turn on Recommendations to pre-populate the wizard with the recommended alarms.
Step 1
Specify metric and conditions
Step 2
Configure actions
Step 3
Add alarm details
Step 4
Preview and create
Add alarm details
Name and description
Alarm name
EC2-alert
Alarm description - optional
View formatting guidelines
Edit
Preview
Alarm to notify if cpu utilization crosses 80 percent.
Up to 1024 characters (54/1024)
Markdown formatting is only applied when viewing your alarm in the console. The description will remain in plain text in the alarm notifications.


aws
Search
[Alt+S]
United States (N. Virginia)
Account ID: 5564-1520-6823
Karthick_VM
CloudWatch > Alarms
CloudWatch
Favorites and recents
Dashboards
AI Operations New
Alarms
In alarm
All alarms New
Billing
Logs
Metrics New
Application Signals (APM) New
GenAI Observability Preview
Successfully created alarm EC2-alert.
View alarm
Alarms (1)
Hide Auto Scaling alarms
Clear selection
Create composite alarm
Actions
Create alarm
Search
Alarm state: Any
Alarm type: Any
Actions status: Any
Name
State
Last state update (UTC)
Conditions
Actions
EC2-alert
Insufficient data
2025-10-06 11:59:46
CPUUtilization > 80 for 1 datapoints within 5 minutes
Actions enabled
Warning