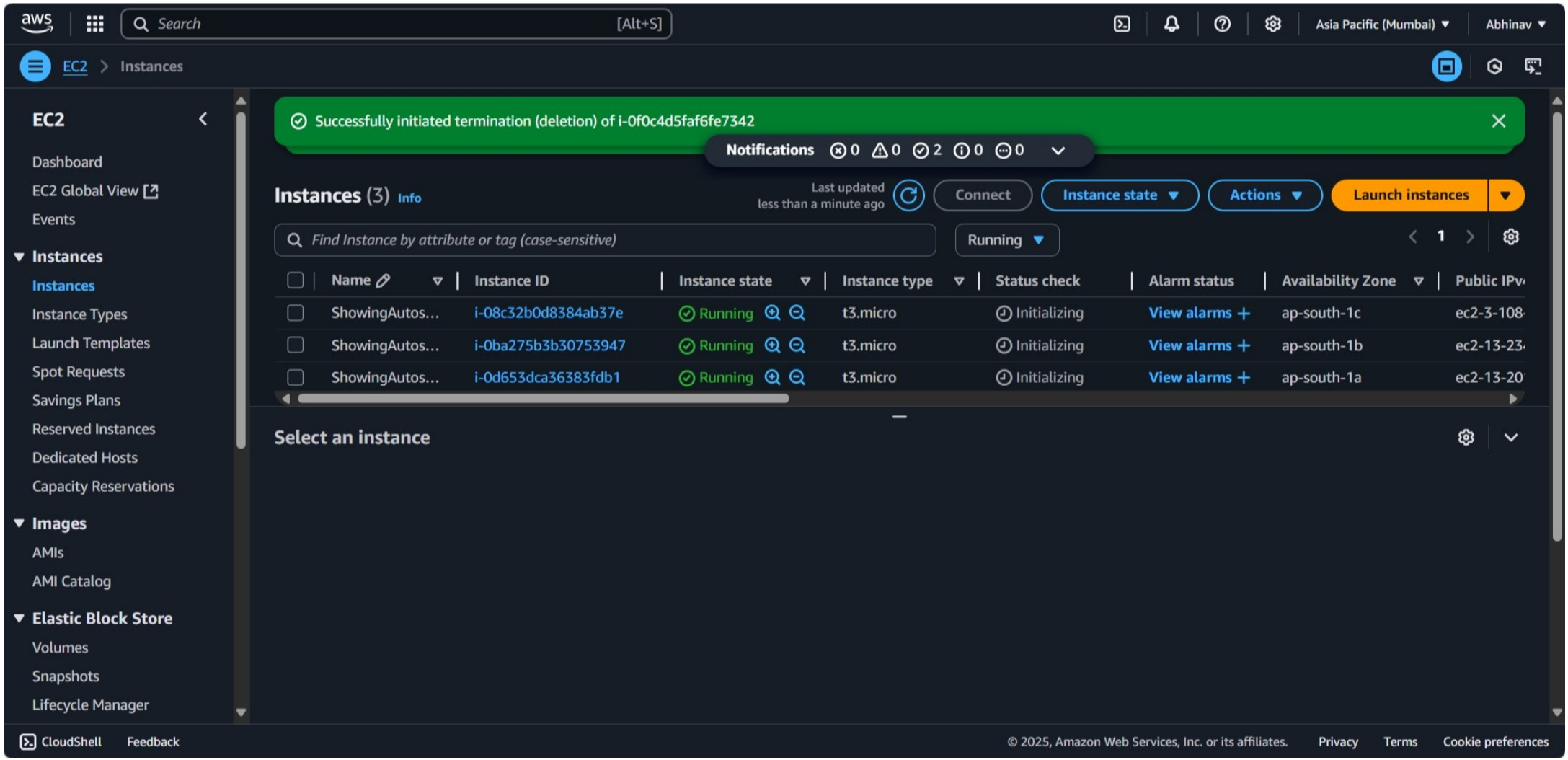
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EC2 > Instances
EC2
Dashboard
EC2 Global View
Events
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Successfully initiated termination (deletion) of i-0f0c4d5faf6fe7342
Notifications 0 0 2 0 0
Instances (3) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
Running
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv
ShowingAutos...
i-08c32b0d8384ab37e
Running
t3.micro
Initializing
View alarms +
ap-south-1c
ec2-3-108
ShowingAutos...
i-0ba275b3b30753947
Running
t3.micro
Initializing
View alarms +
ap-south-1b
ec2-13-23
ShowingAutos...
i-0d653dca36383fdb1
Running
t3.micro
Initializing
View alarms +
ap-south-1a
ec2-13-20
Select an instance
CloudShell
Feedback
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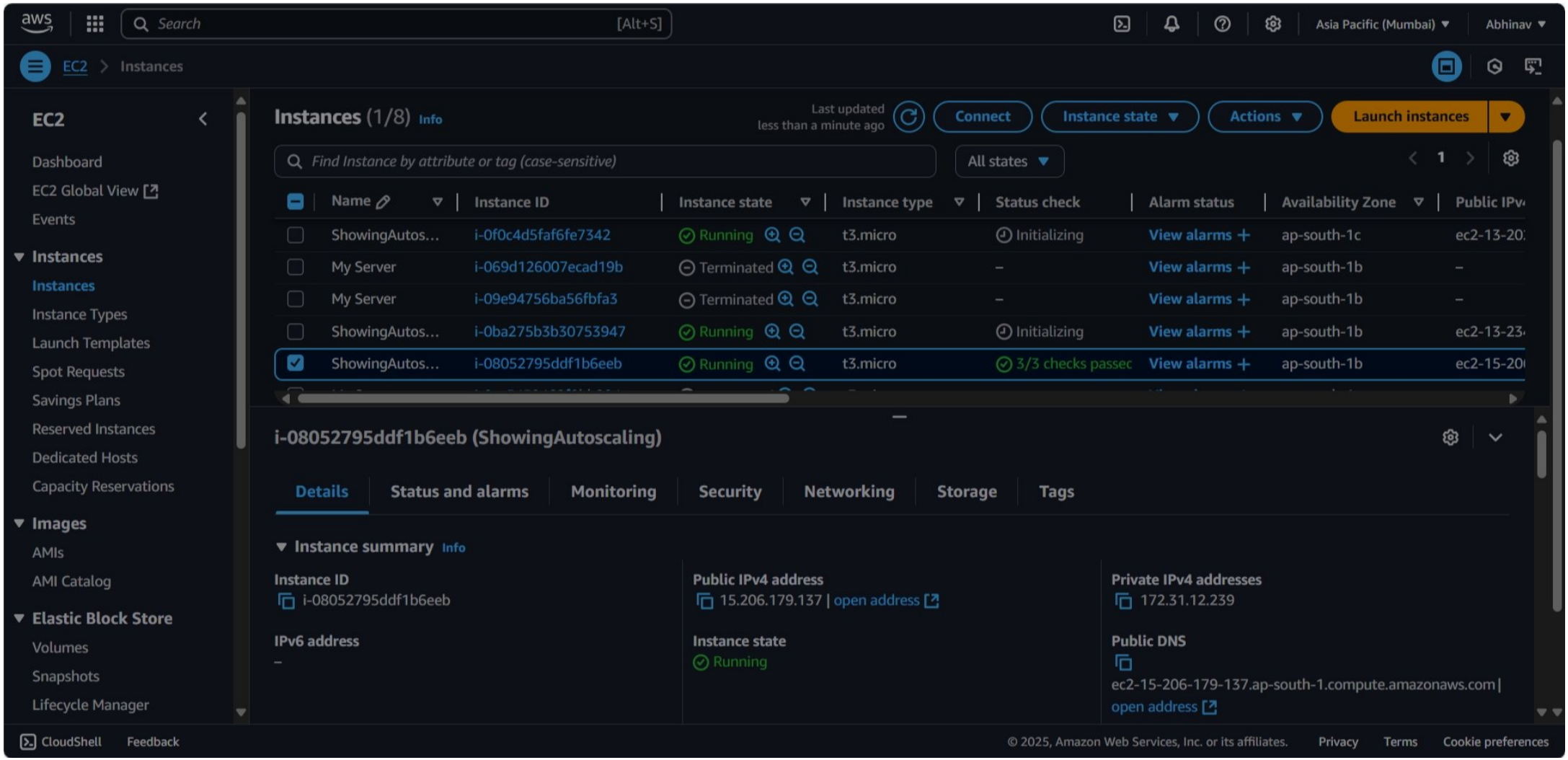
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EC2 > Instances
EC2
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Instances
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Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Instances (1/8) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
1
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4
ShowingAutos... i-0f0c4d5faf6fe7342 Running t3.micro Initializing View alarms ap-south-1c ec2-13-20
My Server i-069d126007ecad19b Terminated t3.micro – View alarms ap-south-1b –
My Server i-09e94756ba56fbfa3 Terminated t3.micro – View alarms ap-south-1b –
ShowingAutos... i-0ba275b3b30753947 Running t3.micro Initializing View alarms ap-south-1b ec2-13-23
ShowingAutos... i-08052795ddf1b6eeb Running t3.micro 3/3 checks passec View alarms ap-south-1b ec2-15-20
i-08052795ddf1b6eeb (ShowingAutoscaling)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-08052795ddf1b6eeb
IPv6 address
–
Public IPv4 address
15.206.179.137 | open address
Instance state
Running
Private IPv4 addresses
172.31.12.239
Public DNS
ec2-15-206-179-137.ap-south-1.compute.amazonaws.com | open address
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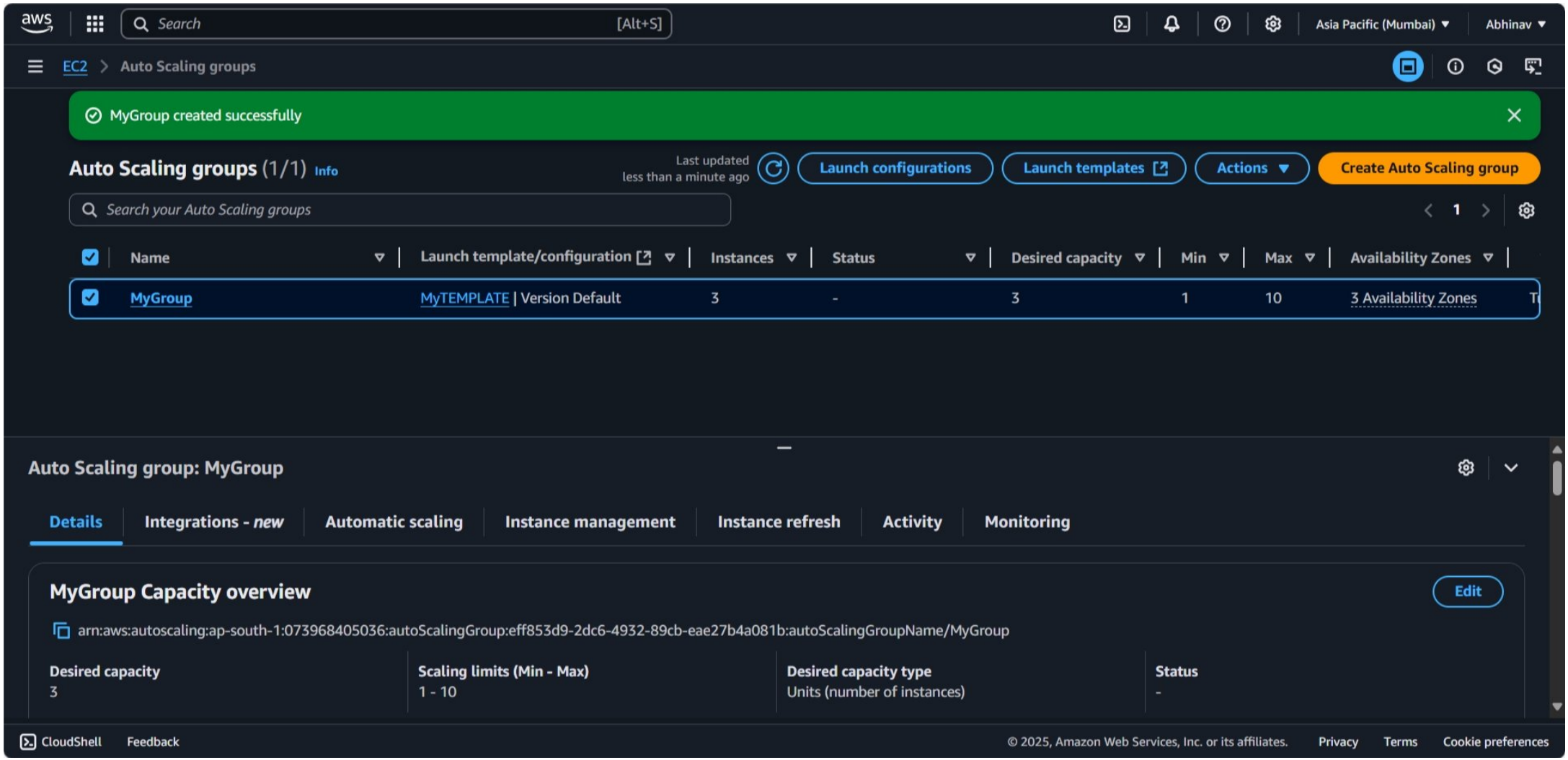
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EC2
Auto Scaling groups
MyGroup created successfully
Auto Scaling groups (1/1) Info
Last updated less than a minute ago
Launch configurations
Launch templates
Actions
Create Auto Scaling group
Search your Auto Scaling groups
Name
Launch template/configuration
Instances
Status
Desired capacity
Min
Max
Availability Zones
MyGroup
MyTEMPLATE | Version Default
3
-
3
1
10
3 Availability Zones
Auto Scaling group: MyGroup
Details
Integrations - new
Automatic scaling
Instance management
Instance refresh
Activity
Monitoring
MyGroup Capacity overview
Edit
arn:aws:autoscaling:ap-south-1:073968405036:autoScalingGroup:eff853d9-2dc6-4932-89cb-eae27b4a081b:autoScalingGroupName/MyGroup
Desired capacity
3
Scaling limits (Min - Max)
1 - 10
Desired capacity type
Units (number of instances)
Status
-
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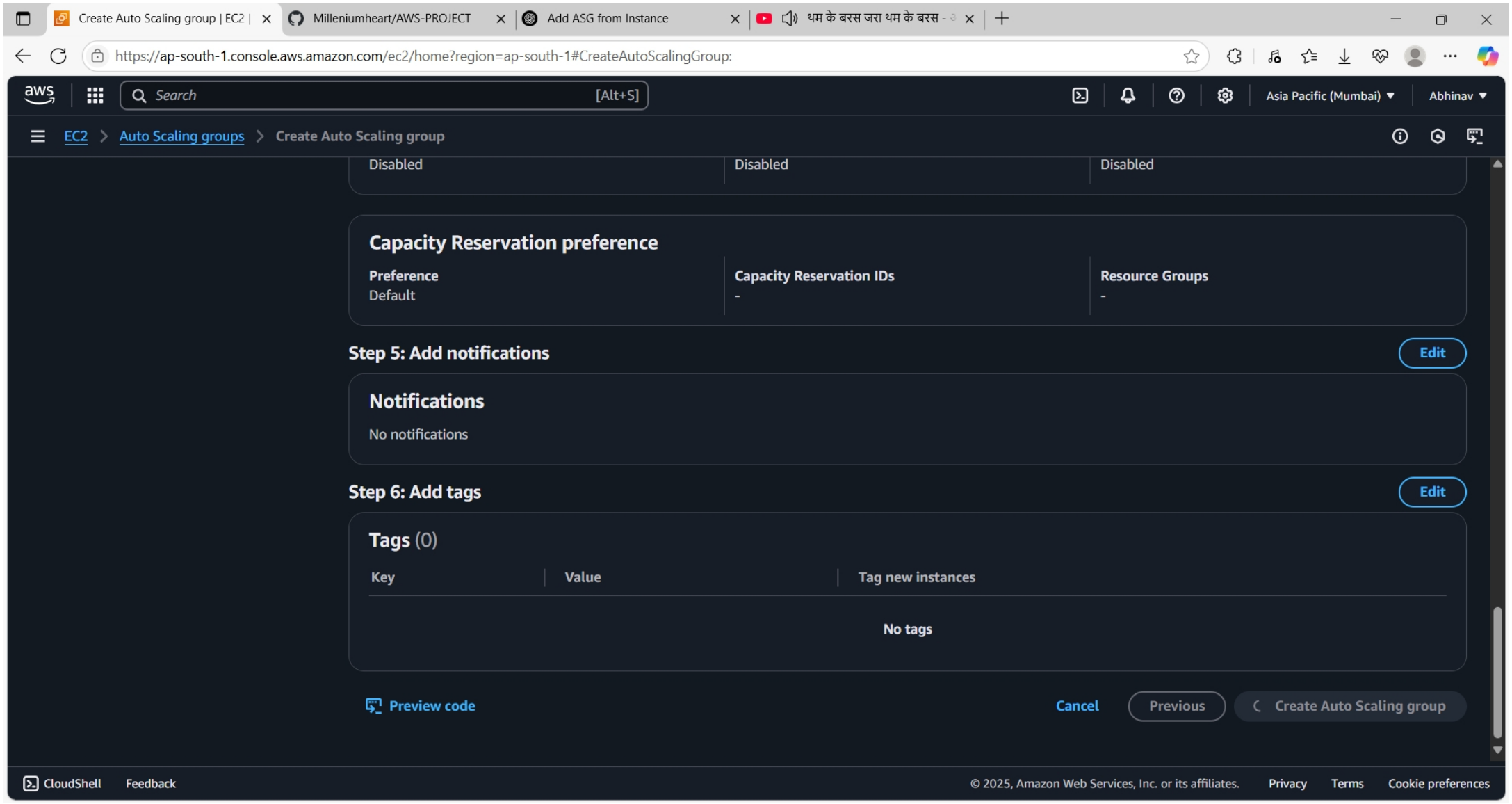
Create Auto Scaling group | EC2
Milleniumheart/AWS-PROJECT
Add ASG from Instance
थम के बरस जरा थम के बरस -
https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateAutoScalingGroup:
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Auto Scaling groups
Create Auto Scaling group
Disabled
Disabled
Disabled
Capacity Reservation preference
Preference
Default
Capacity Reservation IDs
-
Resource Groups
-
Step 5: Add notifications
Edit
Notifications
No notifications
Step 6: Add tags
Edit
Tags (0)
Key
Value
Tag new instances
No tags
Preview code
Cancel
Previous
Create Auto Scaling group
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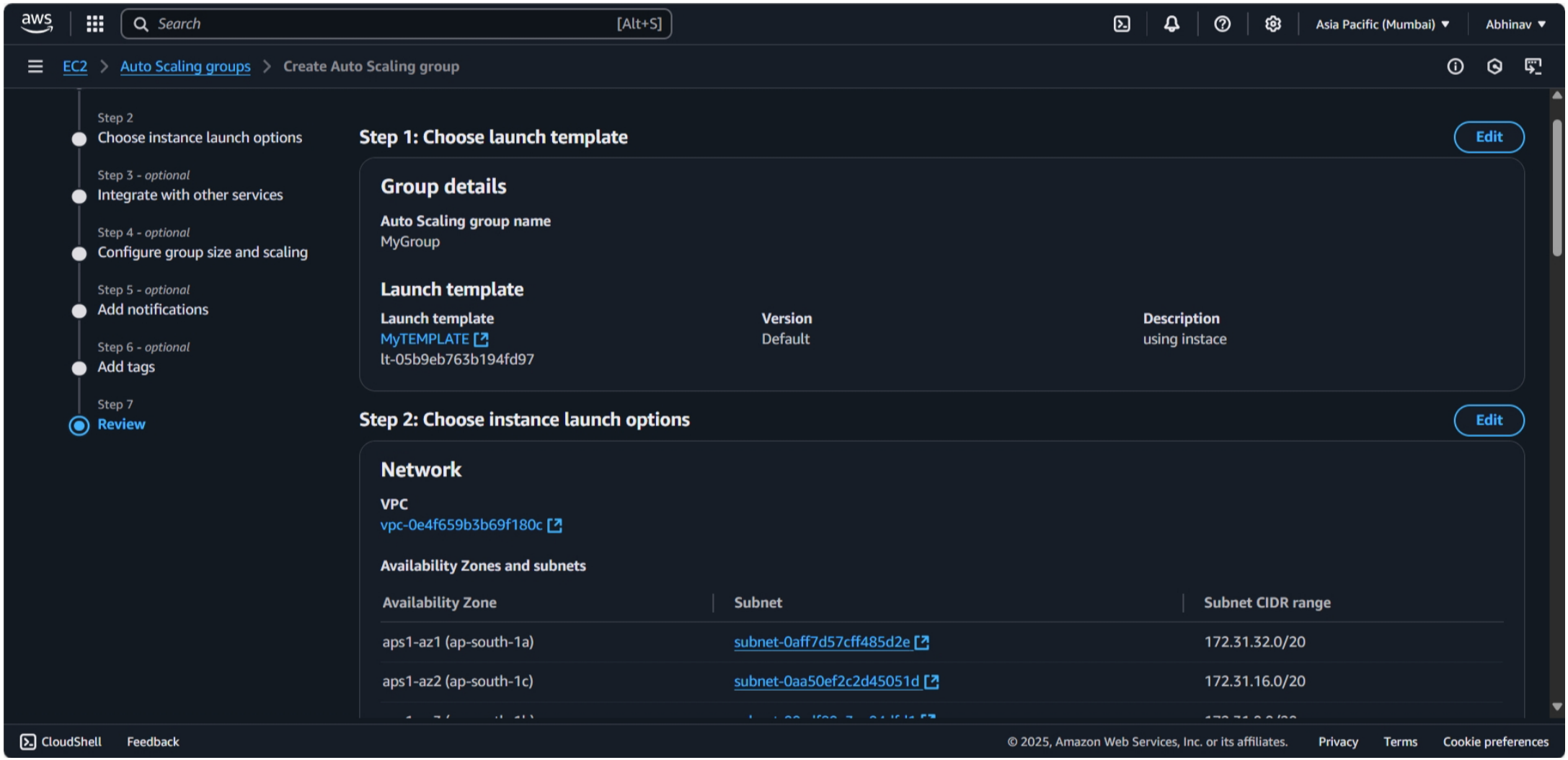
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EC2
Auto Scaling groups
Create Auto Scaling group
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Step 1: Choose launch template
Edit
Group details
Auto Scaling group name
MyGroup
Launch template
Launch template
MyTEMPLATE
lt-05b9eb763b194fd97
Version
Default
Description
using instace
Step 2: Choose instance launch options
Edit
Network
VPC
vpc-0e4f659b3b69f180c
Availability Zones and subnets
Availability Zone
Subnet
Subnet CIDR range
aps1-az1 (ap-south-1a)
subnet-0aff7d57cff485d2e
172.31.32.0/20
aps1-az2 (ap-south-1c)
subnet-0aa50ef2c2d45051d
172.31.16.0/20
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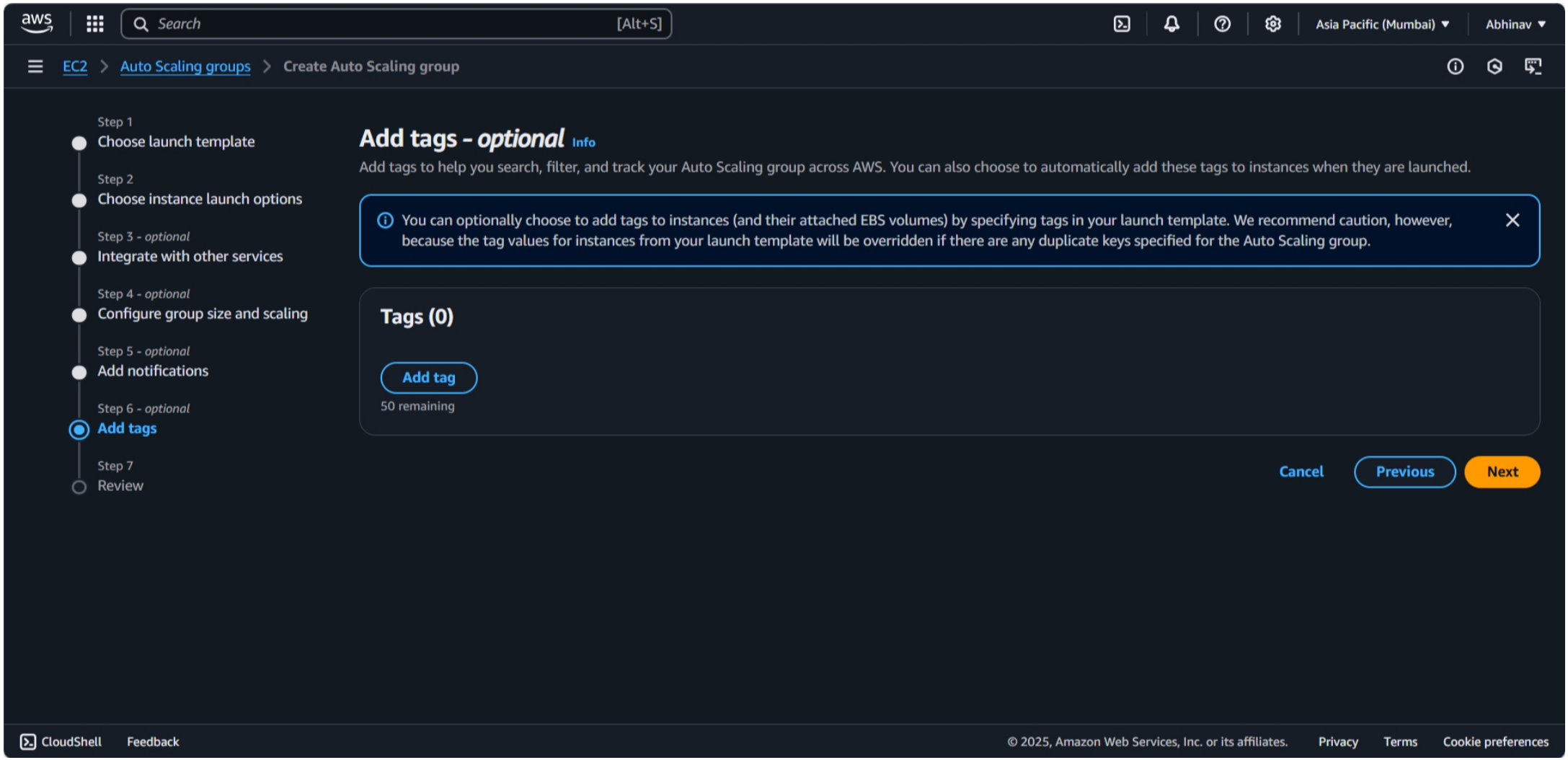
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EC2
Auto Scaling groups
Create Auto Scaling group
Step 1
Choose launch template
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Add tags - optional
Info
Add tags to help you search, filter, and track your Auto Scaling group across AWS. You can also choose to automatically add these tags to instances when they are launched.
You can optionally choose to add tags to instances (and their attached EBS volumes) by specifying tags in your launch template. We recommend caution, however, because the tag values for instances from your launch template will be overridden if there are any duplicate keys specified for the Auto Scaling group.
Tags (0)
Add tag
50 remaining
Cancel
Previous
Next
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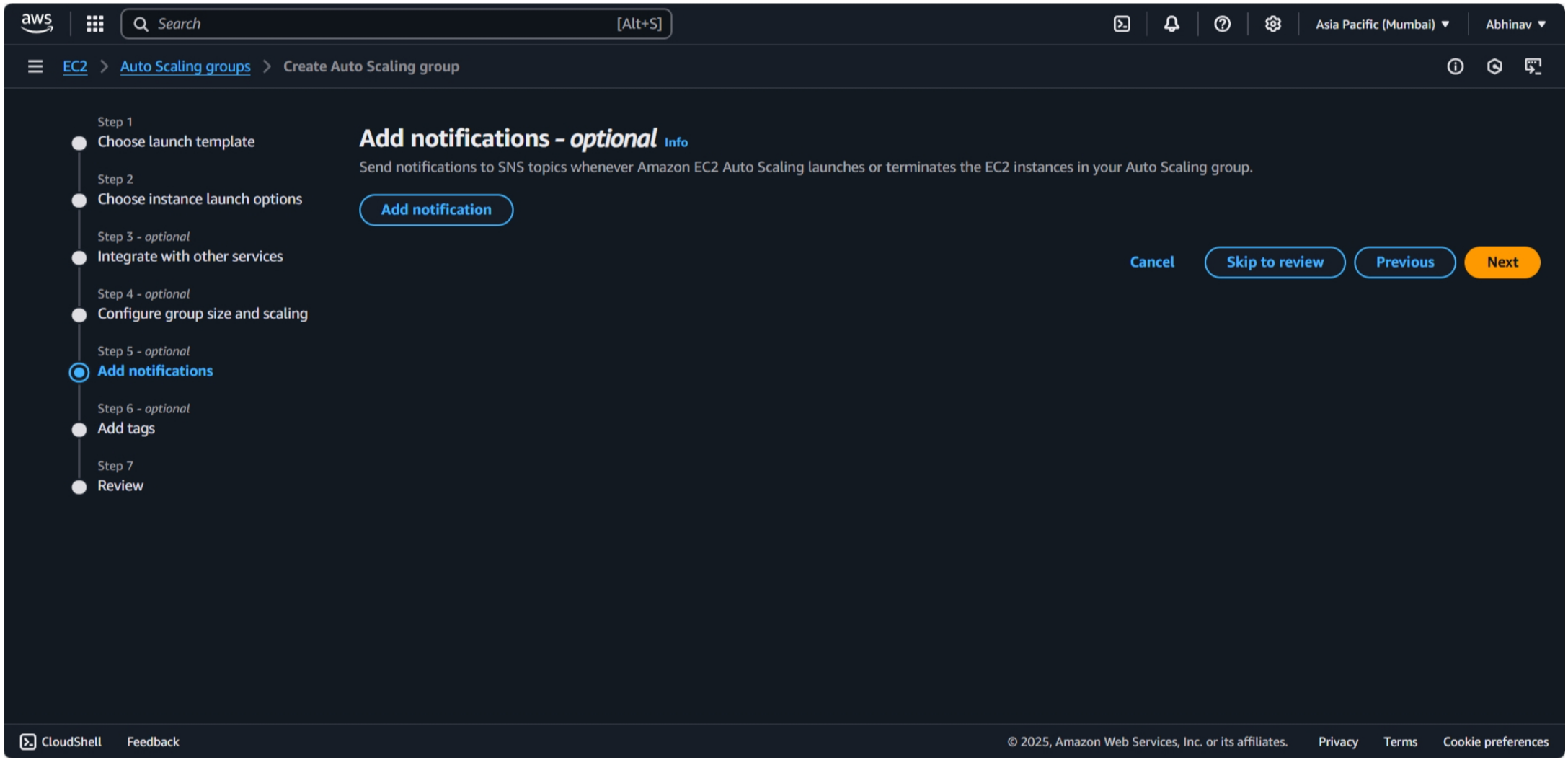
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Auto Scaling groups
Create Auto Scaling group
Step 1
Choose launch template
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Add notifications - optional
Info
Send notifications to SNS topics whenever Amazon EC2 Auto Scaling launches or terminates the EC2 instances in your Auto Scaling group.
Add notification
Cancel
Skip to review
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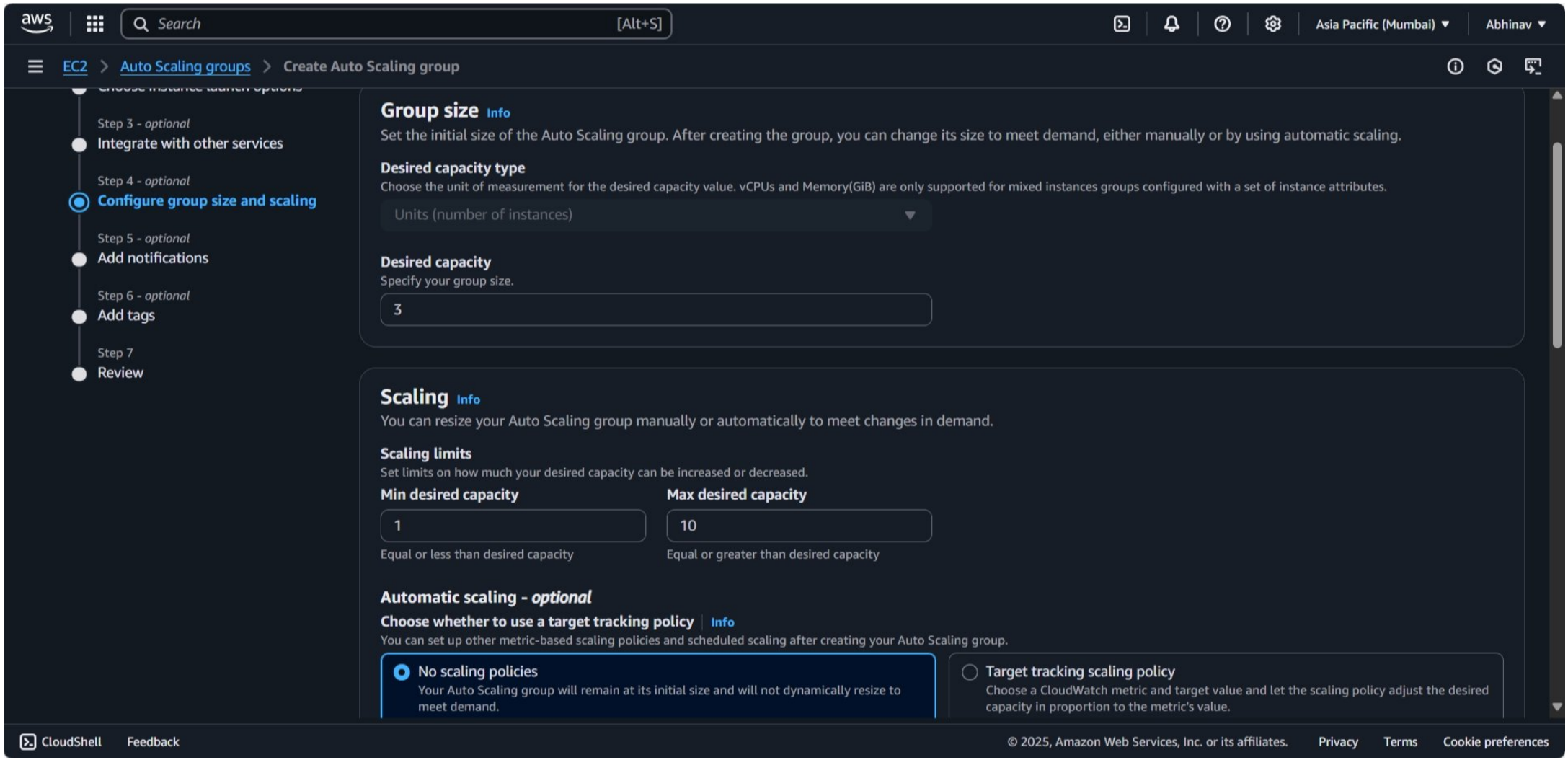
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EC2
Auto Scaling groups
Create Auto Scaling group
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Group size Info
Set the initial size of the Auto Scaling group. After creating the group, you can change its size to meet demand, either manually or by using automatic scaling.
Desired capacity type
Choose the unit of measurement for the desired capacity value. vCPUs and Memory(GiB) are only supported for mixed instances groups configured with a set of instance attributes.
Units (number of instances)
Desired capacity
Specify your group size.
3
Scaling Info
You can resize your Auto Scaling group manually or automatically to meet changes in demand.
Scaling limits
Set limits on how much your desired capacity can be increased or decreased.
Min desired capacity
1
Equal or less than desired capacity
Max desired capacity
10
Equal or greater than desired capacity
Automatic scaling - optional
Choose whether to use a target tracking policy Info
You can set up other metric-based scaling policies and scheduled scaling after creating your Auto Scaling group.
No scaling policies
Your Auto Scaling group will remain at its initial size and will not dynamically resize to meet demand.
Target tracking scaling policy
Choose a CloudWatch metric and target value and let the scaling policy adjust the desired capacity in proportion to the metric's value.
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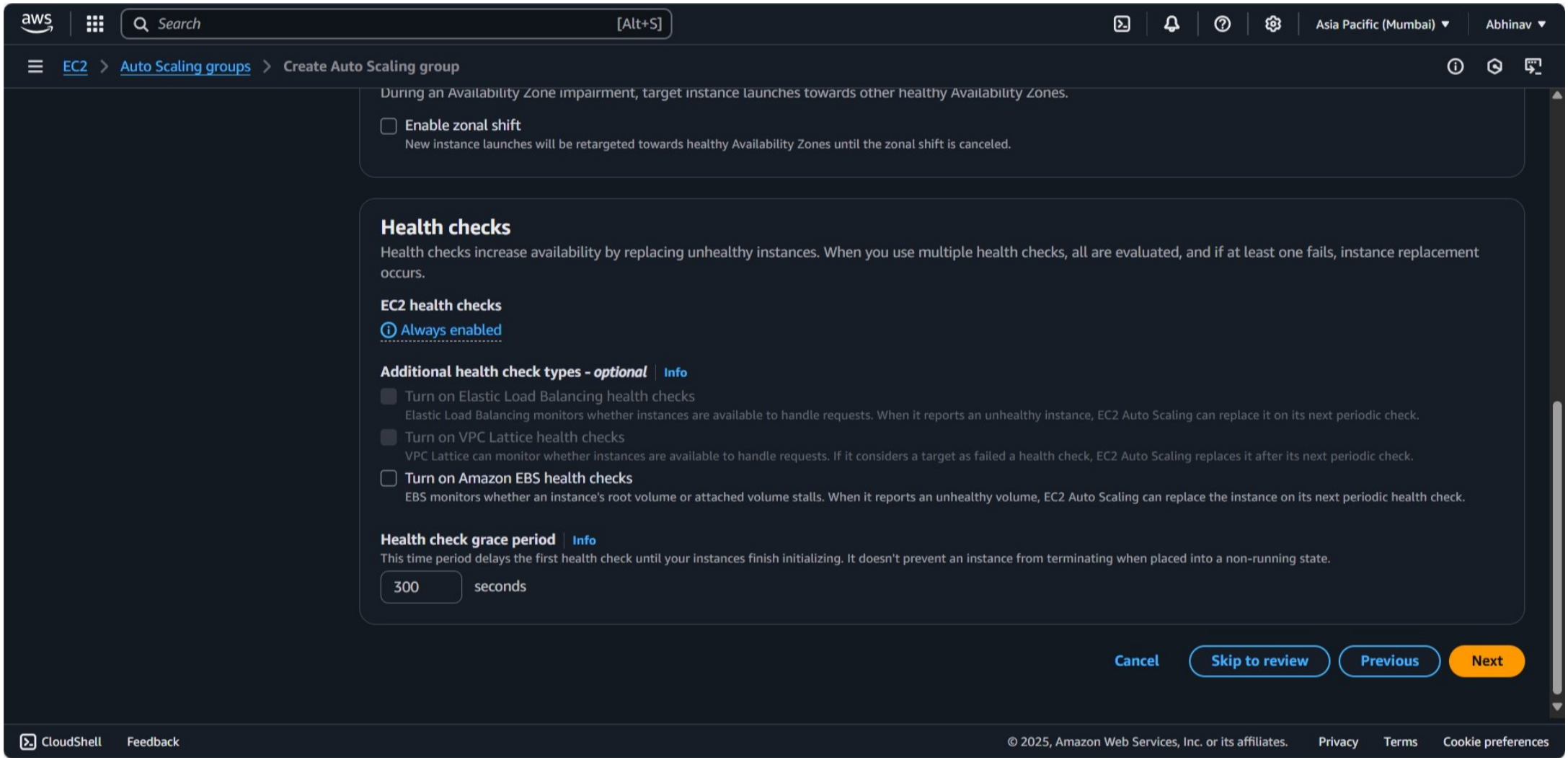
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EC2
Auto Scaling groups
Create Auto Scaling group
During an Availability Zone impairment, target instance launches towards other healthy Availability Zones.
Enable zonal shift
New instance launches will be retargeted towards healthy Availability Zones until the zonal shift is canceled.
Health checks
Health checks increase availability by replacing unhealthy instances. When you use multiple health checks, all are evaluated, and if at least one fails, instance replacement occurs.
EC2 health checks
Always enabled
Additional health check types - optional
Info
Turn on Elastic Load Balancing health checks
Elastic Load Balancing monitors whether instances are available to handle requests. When it reports an unhealthy instance, EC2 Auto Scaling can replace it on its next periodic check.
Turn on VPC Lattice health checks
VPC Lattice can monitor whether instances are available to handle requests. If it considers a target as failed a health check, EC2 Auto Scaling replaces it after its next periodic check.
Turn on Amazon EBS health checks
EBS monitors whether an instance's root volume or attached volume stalls. When it reports an unhealthy volume, EC2 Auto Scaling can replace the instance on its next periodic health check.
Health check grace period
Info
This time period delays the first health check until your instances finish initializing. It doesn't prevent an instance from terminating when placed into a non-running state.
300
seconds
Cancel
Skip to review
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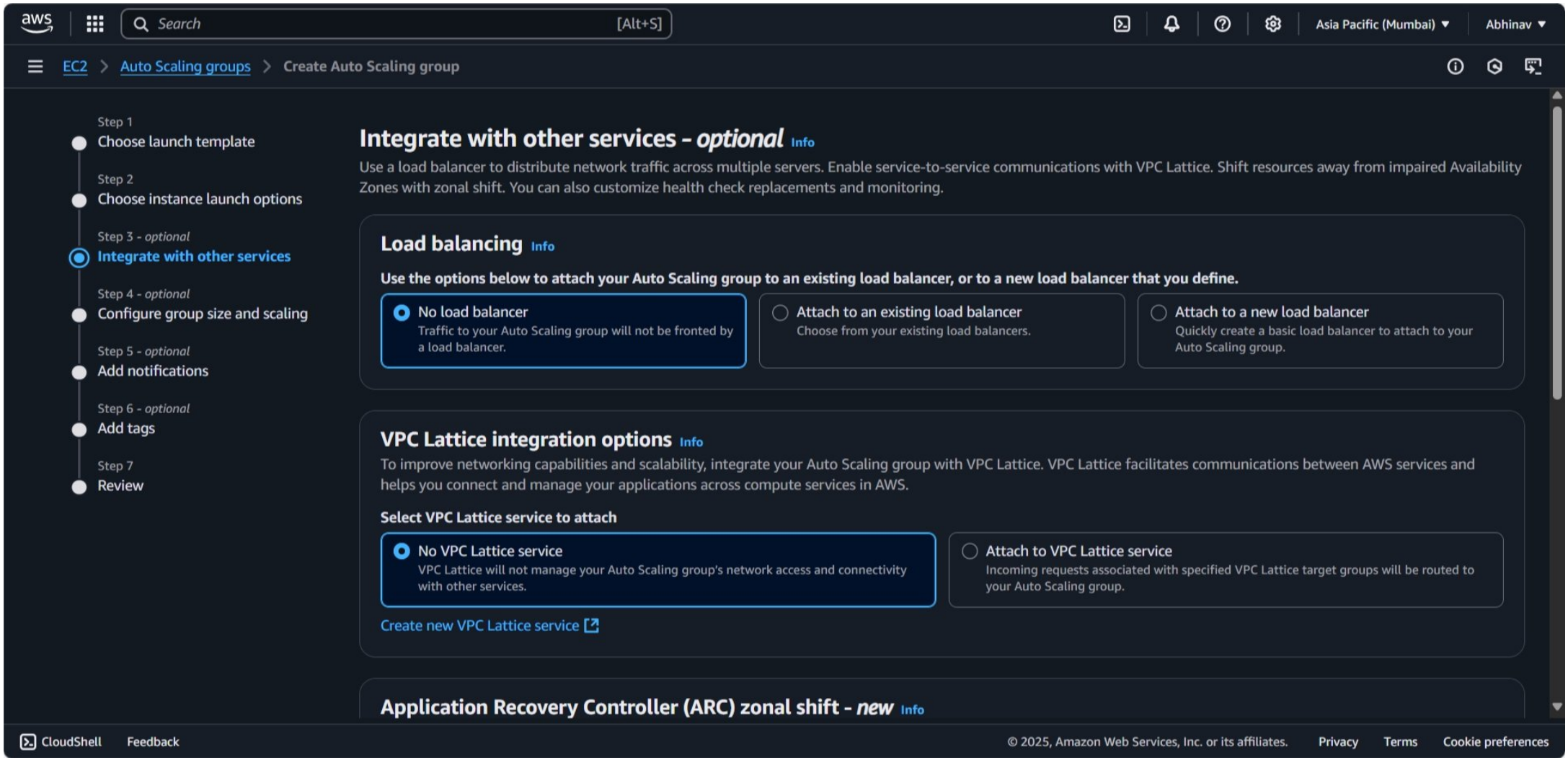
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EC2
Auto Scaling groups
Create Auto Scaling group
Step 1
Choose launch template
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Integrate with other services - optional Info
Use a load balancer to distribute network traffic across multiple servers. Enable service-to-service communications with VPC Lattice. Shift resources away from impaired Availability Zones with zonal shift. You can also customize health check replacements and monitoring.
Load balancing Info
Use the options below to attach your Auto Scaling group to an existing load balancer, or to a new load balancer that you define.
No load balancer
Traffic to your Auto Scaling group will not be fronted by a load balancer.
Attach to an existing load balancer
Choose from your existing load balancers.
Attach to a new load balancer
Quickly create a basic load balancer to attach to your Auto Scaling group.
VPC Lattice integration options Info
To improve networking capabilities and scalability, integrate your Auto Scaling group with VPC Lattice. VPC Lattice facilitates communications between AWS services and helps you connect and manage your applications across compute services in AWS.
Select VPC Lattice service to attach
No VPC Lattice service
VPC Lattice will not manage your Auto Scaling group's network access and connectivity with other services.
Attach to VPC Lattice service
Incoming requests associated with specified VPC Lattice target groups will be routed to your Auto Scaling group.
Create new VPC Lattice service
Application Recovery Controller (ARC) zonal shift - new Info
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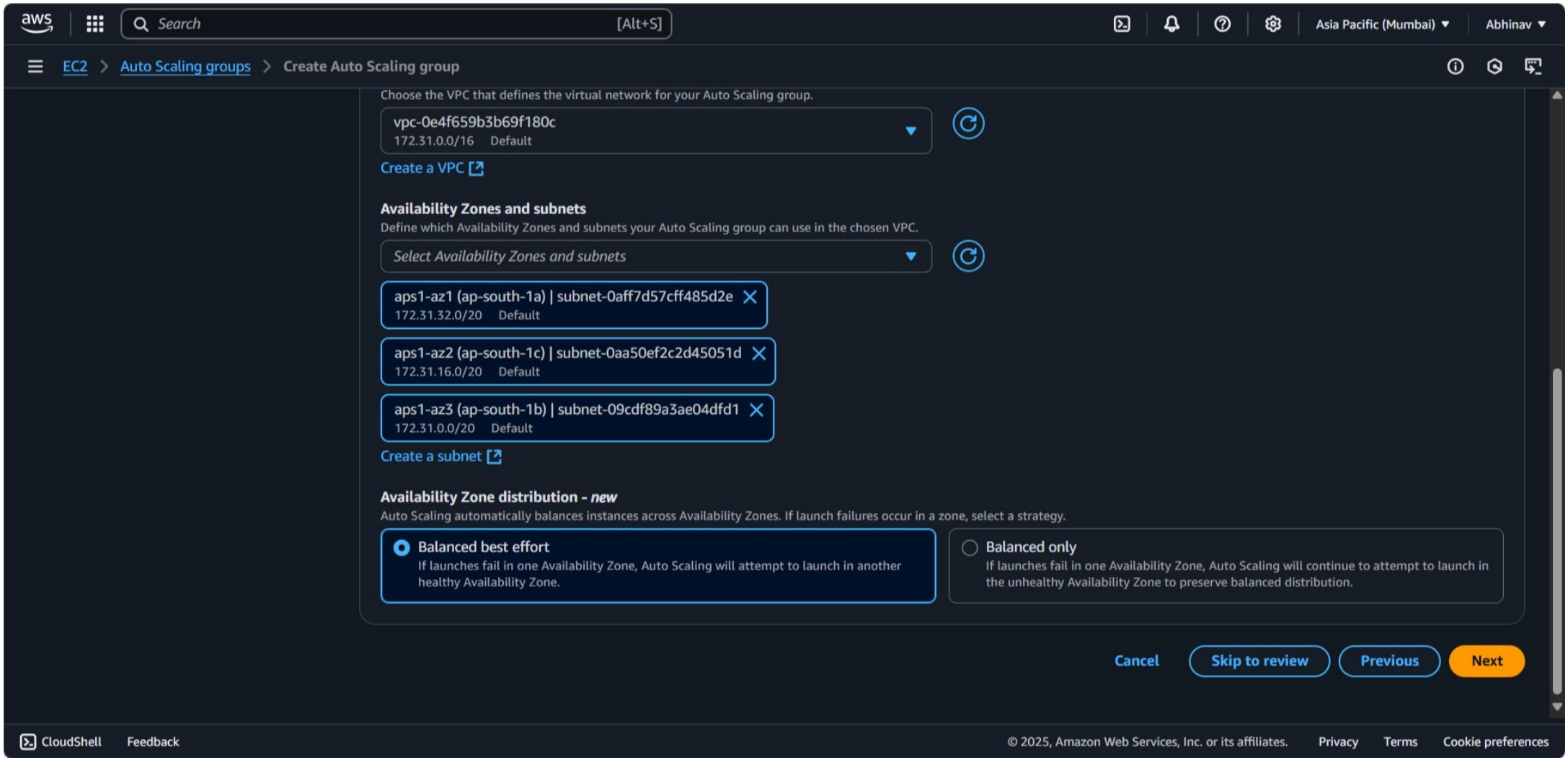
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EC2
Auto Scaling groups
Create Auto Scaling group
Choose the VPC that defines the virtual network for your Auto Scaling group.
vpc-0e4f659b3b69f180c
172.31.0.0/16 Default
Create a VPC
Availability Zones and subnets
Define which Availability Zones and subnets your Auto Scaling group can use in the chosen VPC.
Select Availability Zones and subnets
aps1-az1 (ap-south-1a) | subnet-0aff7d57cff485d2e
172.31.32.0/20 Default
aps1-az2 (ap-south-1c) | subnet-0aa50ef2c2d45051d
172.31.16.0/20 Default
aps1-az3 (ap-south-1b) | subnet-09cdf89a3ae04dfd1
172.31.0.0/20 Default
Create a subnet
Availability Zone distribution - new
Auto Scaling automatically balances instances across Availability Zones. If launch failures occur in a zone, select a strategy.
Balanced best effort
If launches fail in one Availability Zone, Auto Scaling will attempt to launch in another healthy Availability Zone.
Balanced only
If launches fail in one Availability Zone, Auto Scaling will continue to attempt to launch in the unhealthy Availability Zone to preserve balanced distribution.
Cancel
Skip to review
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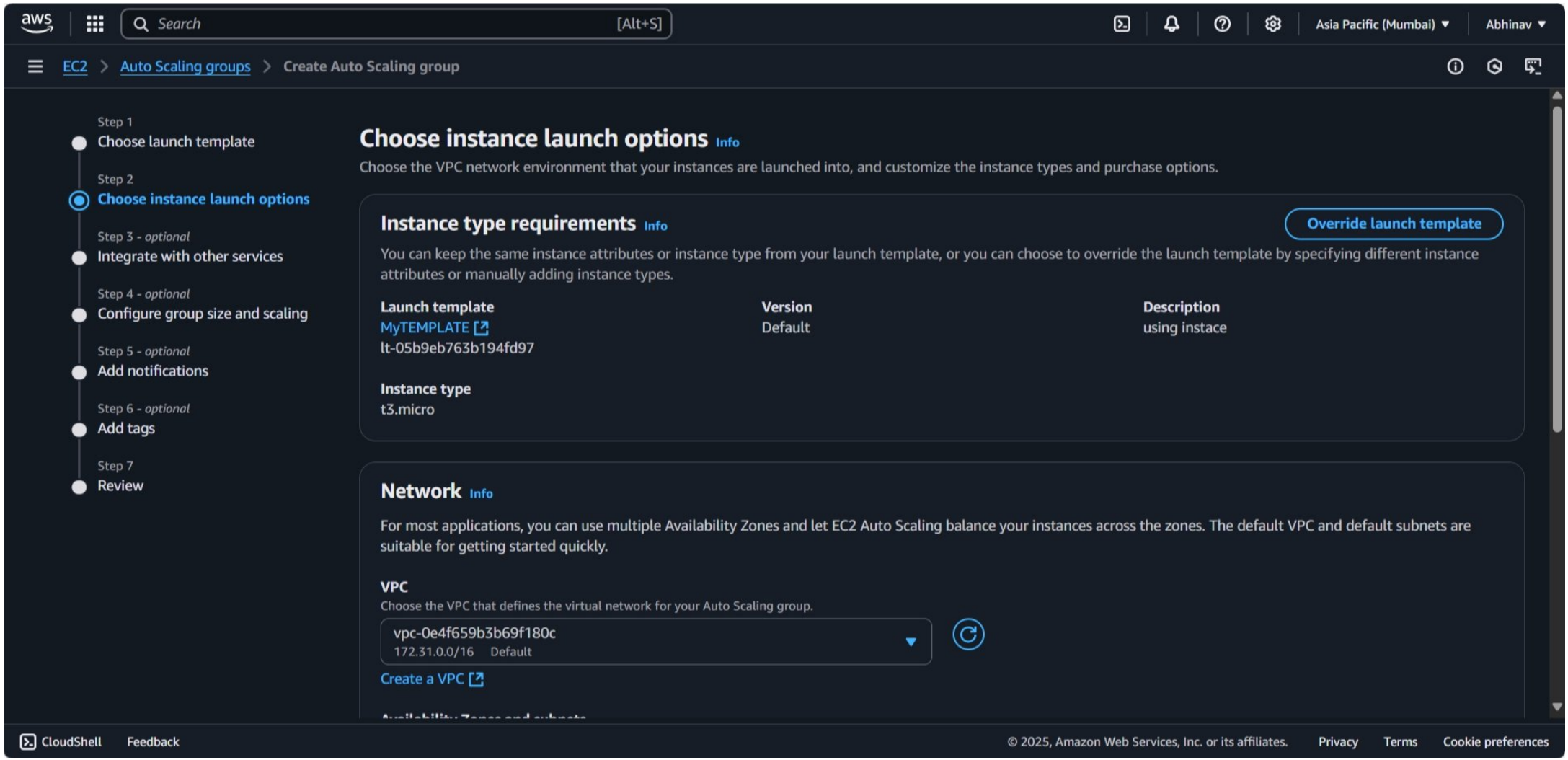
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Create Auto Scaling group
Step 1
Choose launch template
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Choose instance launch options Info
Choose the VPC network environment that your instances are launched into, and customize the instance types and purchase options.
Instance type requirements Info
Override launch template
You can keep the same instance attributes or instance type from your launch template, or you can choose to override the launch template by specifying different instance attributes or manually adding instance types.
Launch template
MyTEMPLATE
lt-05b9eb763b194fd97
Version
Default
Description
using instace
Instance type
t3.micro
Network Info
For most applications, you can use multiple Availability Zones and let EC2 Auto Scaling balance your instances across the zones. The default VPC and default subnets are suitable for getting started quickly.
VPC
Choose the VPC that defines the virtual network for your Auto Scaling group.
vpc-0e4f659b3b69f180c
172.31.0.0/16 Default
Create a VPC
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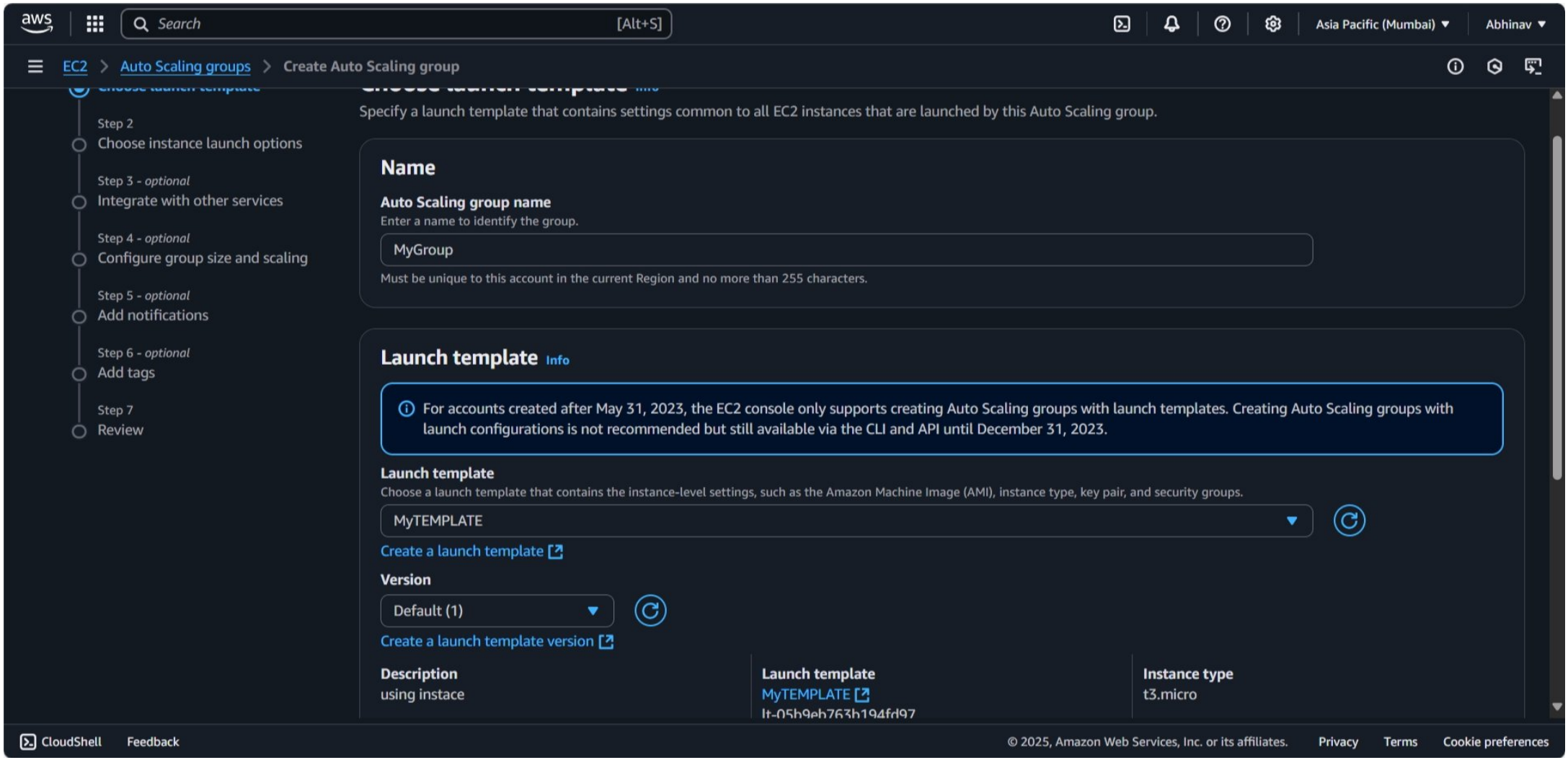
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Auto Scaling groups
Create Auto Scaling group
Step 2
Choose instance launch options
Step 3 - optional
Integrate with other services
Step 4 - optional
Configure group size and scaling
Step 5 - optional
Add notifications
Step 6 - optional
Add tags
Step 7
Review
Specify a launch template that contains settings common to all EC2 instances that are launched by this Auto Scaling group.
Name
Auto Scaling group name
Enter a name to identify the group.
MyGroup
Must be unique to this account in the current Region and no more than 255 characters.
Launch template
Info
For accounts created after May 31, 2023, the EC2 console only supports creating Auto Scaling groups with launch templates. Creating Auto Scaling groups with launch configurations is not recommended but still available via the CLI and API until December 31, 2023.
Launch template
Choose a launch template that contains the instance-level settings, such as the Amazon Machine Image (AMI), instance type, key pair, and security groups.
MyTEMPLATE
Create a launch template
Version
Default (1)
Create a launch template version
Description
using instace
Launch template
MyTEMPLATE
Instance type
t3.micro
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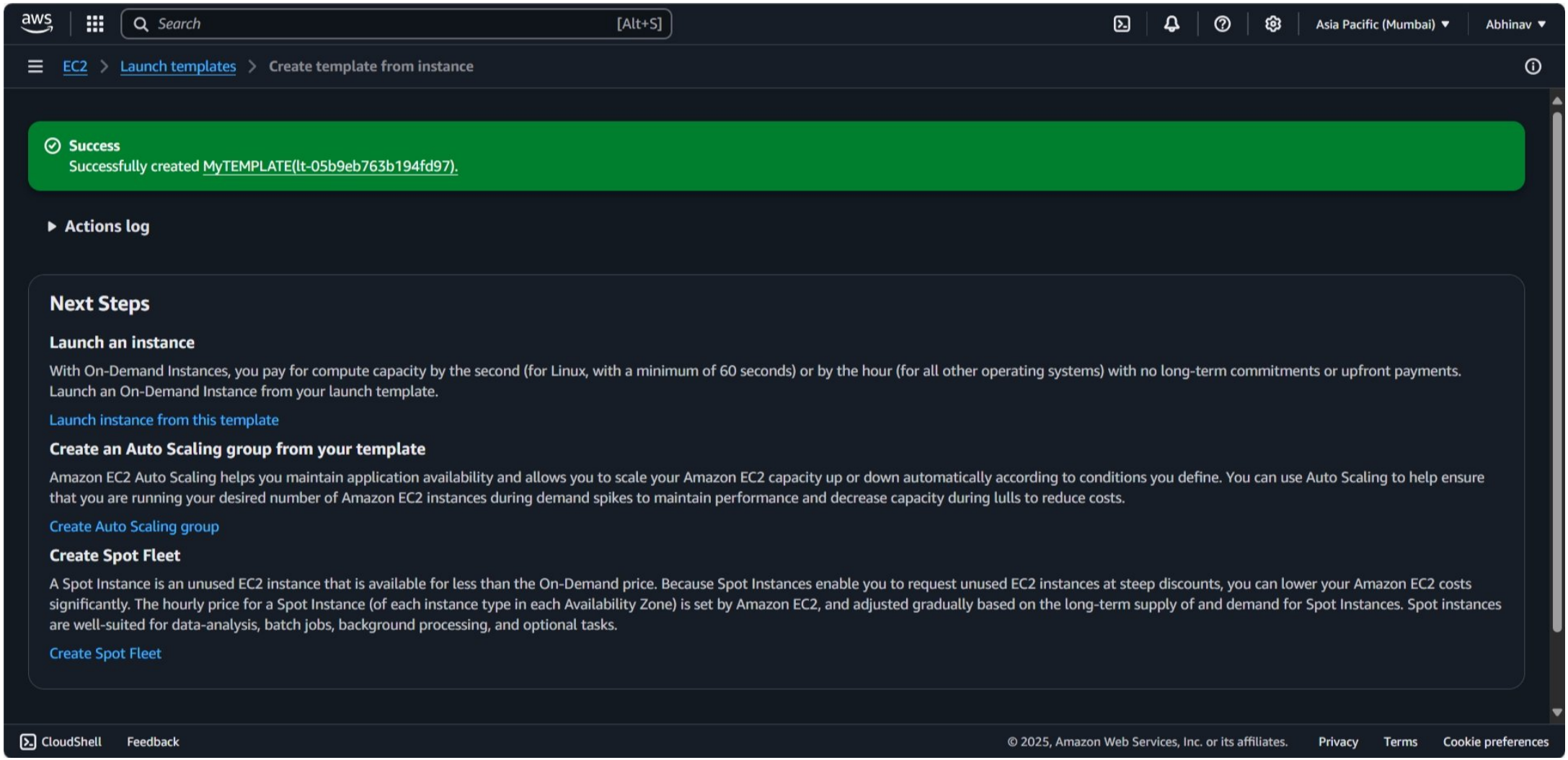
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EC2
Launch templates
Create template from instance
Success
Successfully created MyTEMPLATE(lt-05b9eb763b194fd97).
Actions log
Next Steps
Launch an instance
With On-Demand Instances, you pay for compute capacity by the second (for Linux, with a minimum of 60 seconds) or by the hour (for all other operating systems) with no long-term commitments or upfront payments. Launch an On-Demand Instance from your launch template.
Launch instance from this template
Create an Auto Scaling group from your template
Amazon EC2 Auto Scaling helps you maintain application availability and allows you to scale your Amazon EC2 capacity up or down automatically according to conditions you define. You can use Auto Scaling to help ensure that you are running your desired number of Amazon EC2 instances during demand spikes to maintain performance and decrease capacity during lulls to reduce costs.
Create Auto Scaling group
Create Spot Fleet
A Spot Instance is an unused EC2 instance that is available for less than the On-Demand price. Because Spot Instances enable you to request unused EC2 instances at steep discounts, you can lower your Amazon EC2 costs significantly. The hourly price for a Spot Instance (of each instance type in each Availability Zone) is set by Amazon EC2, and adjusted gradually based on the long-term supply of and demand for Spot Instances. Spot instances are well-suited for data-analysis, batch jobs, background processing, and optional tasks.
Create Spot Fleet
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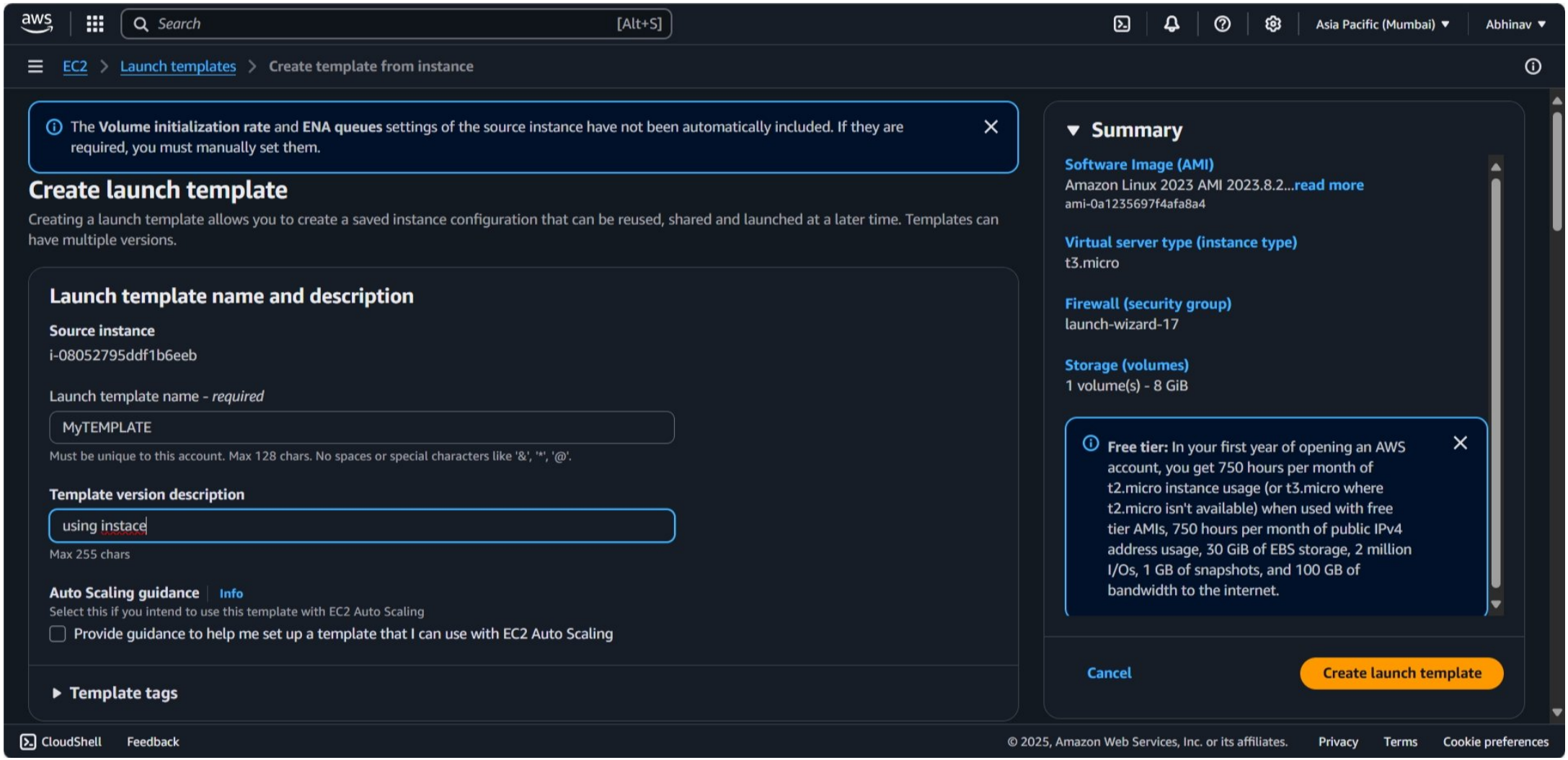
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Launch templates
Create template from instance
The Volume initialization rate and ENA queues settings of the source instance have not been automatically included. If they are required, you must manually set them.
Create launch template
Creating a launch template allows you to create a saved instance configuration that can be reused, shared and launched at a later time. Templates can have multiple versions.
Launch template name and description
Source instance
i-08052795ddf1b6eeb
Launch template name - required
MyTEMPLATE
Must be unique to this account. Max 128 chars. No spaces or special characters like '&', '*', '@'.
Template version description
using instace
Max 255 chars
Auto Scaling guidance
Info
Select this if you intend to use this template with EC2 Auto Scaling
Provide guidance to help me set up a template that I can use with EC2 Auto Scaling
Template tags
Summary
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-0a1235697f4afa8a4
Virtual server type (instance type)
t3.micro
Firewall (security group)
launch-wizard-17
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.
Cancel
Create launch template
CloudShell
Feedback
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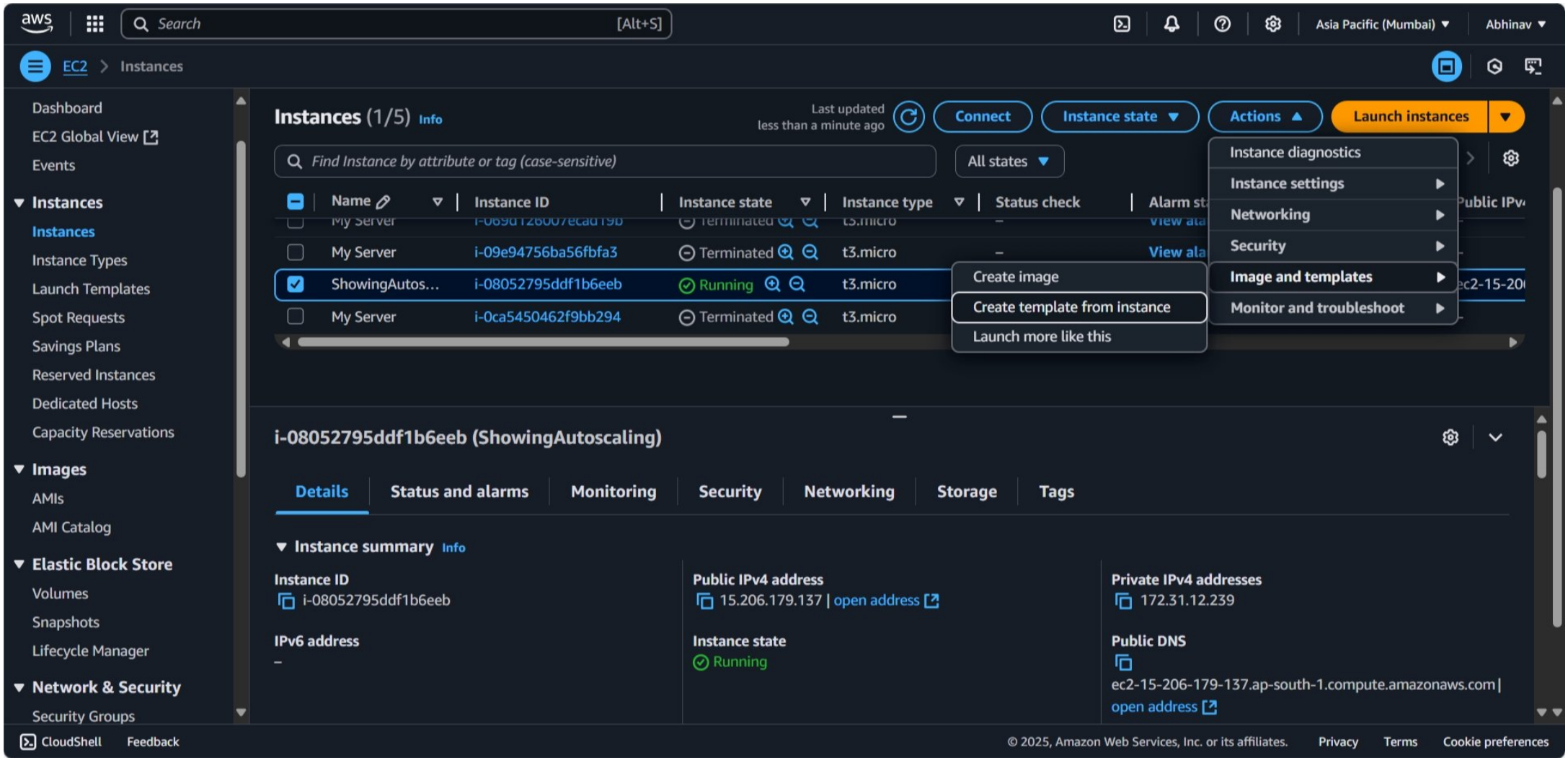
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Instances (1/5) Info
Last updated less than a minute ago
Connect
Instance state
Actions
Launch instances
Find Instance by attribute or tag (case-sensitive)
All states
Name
Instance ID
Instance state
Instance type
Status check
My Server i-09e94756ba56fbfa3 Terminated t3.micro
ShowingAutos... i-08052795ddf1b6eeb Running t3.micro
My Server i-0ca5450462f9bb294 Terminated t3.micro
Instance diagnostics
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Create image
Create template from instance
Launch more like this
i-08052795ddf1b6eeb (ShowingAutoscaling)
Details
Status and alarms
Monitoring
Security
Networking
Storage
Tags
Instance summary Info
Instance ID
i-08052795ddf1b6eeb
IPv6 address
–
Public IPv4 address
15.206.179.137 | open address
Instance state
Running
Private IPv4 addresses
172.31.12.239
Public DNS
ec2-15-206-179-137.ap-south-1.compute.amazonaws.com | open address
CloudShell
Feedback
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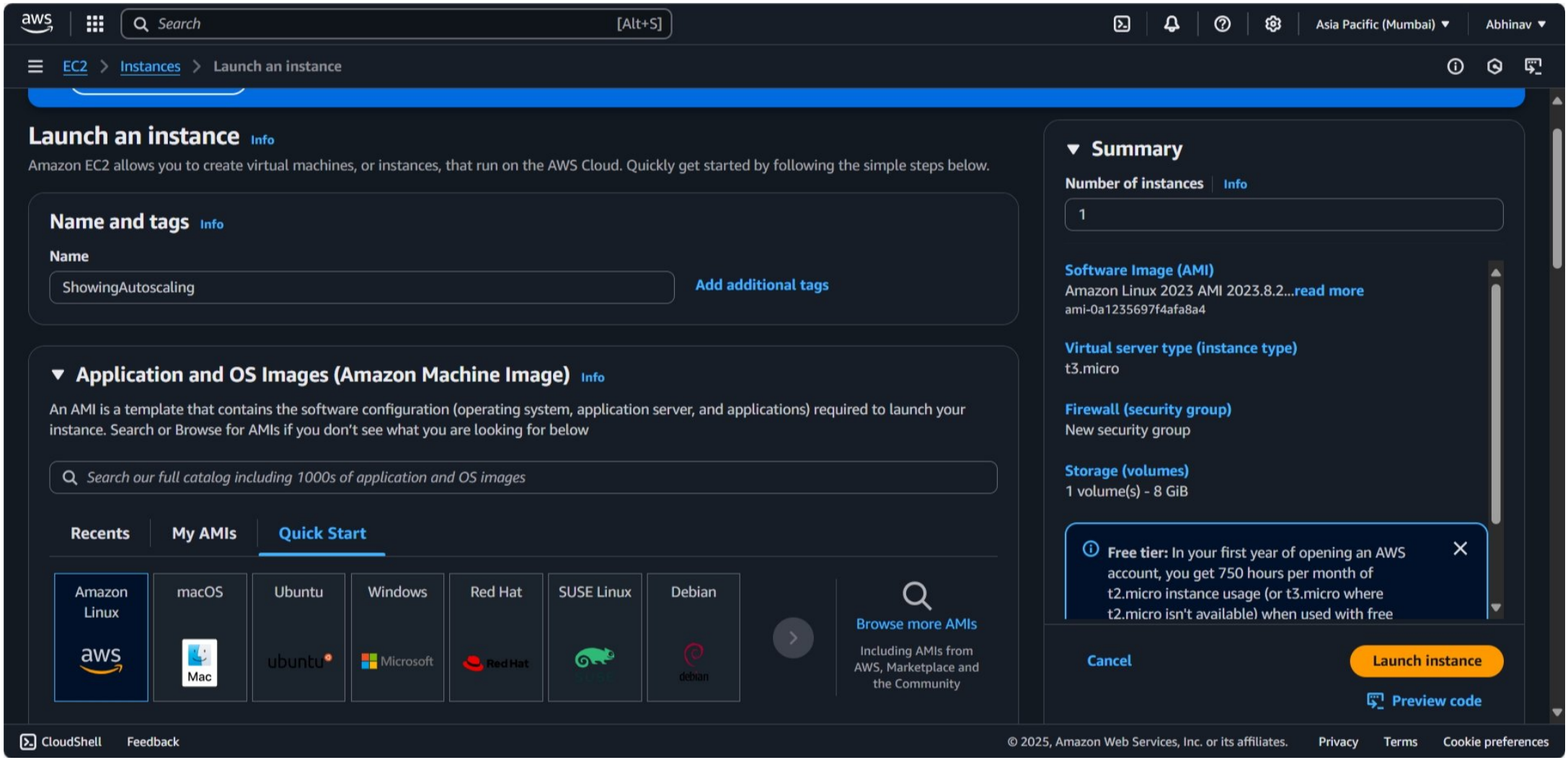
Search [Alt+S]
Asia Pacific (Mumbai)
Abhinav
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
ShowingAutoscaling
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Recents
My AMIs
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Linux
Debian
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.8.2...read more
ami-0a1235697f4afa8a4
Virtual server type (instance type)
t3.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free
Cancel
Launch instance
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