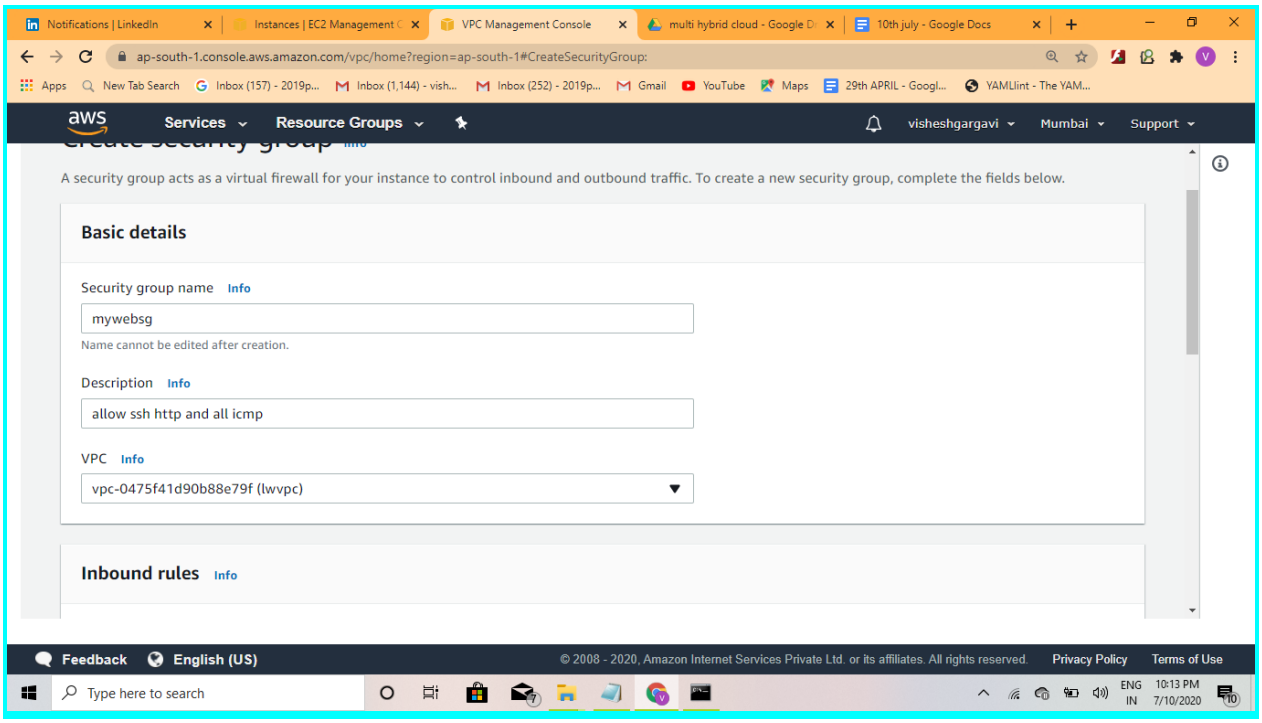
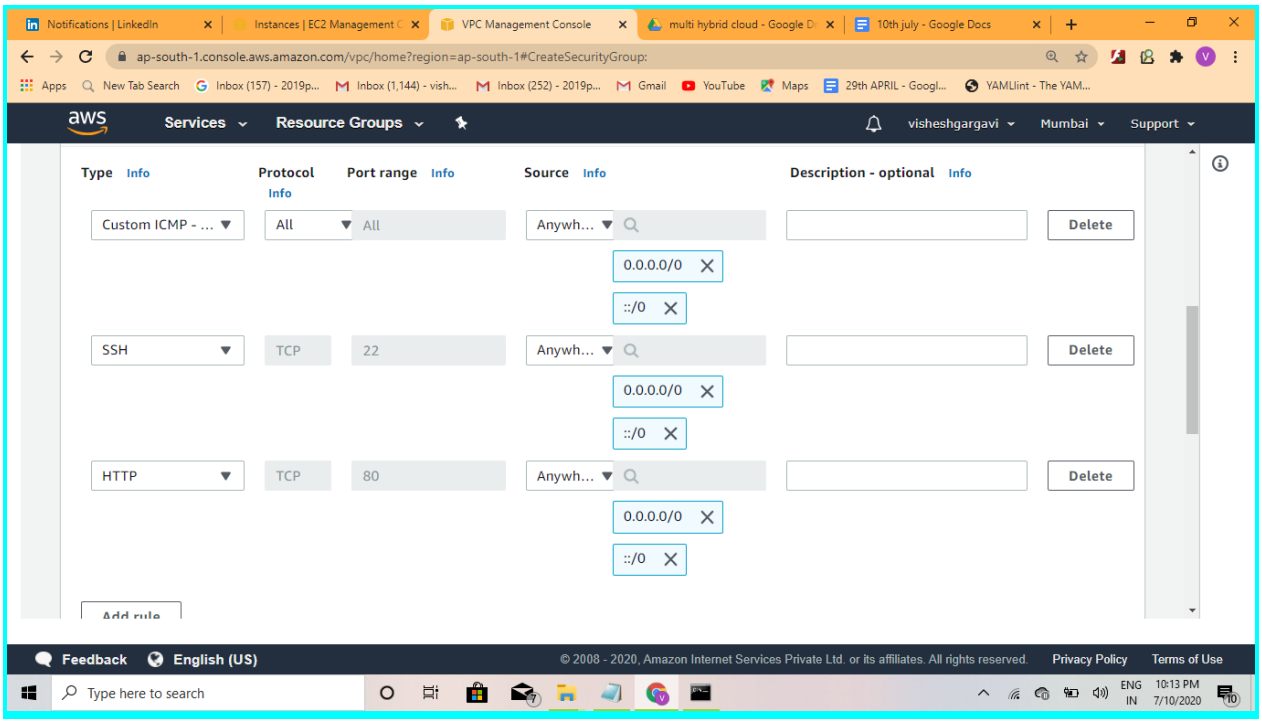
10th july

> Openstack works on the laas protocol
> In openstack we have neutron(vpc)

mysql works on port 3306
in kubernetes slave nodes is also known as minions
ingress and inbound (traffic is allowed to come in)
Egress and outbound (we want to hit diff server)




Notifications | LinkedIn
Instances | EC2 Management
VPC Management Console
multi hybrid cloud - Google D
10th july - Google Docs
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSecurityGroup:
Apps
New Tab Search
Inbox (157) - 2019p...
Inbox (1,144) - vish...
Inbox (252) - 2019p...
Gmail
YouTube
Maps
29th APRIL - Googl...
YAMLlint - The YAM...
aws
Services
Resource Groups
visheshgargavi
Mumbai
Support
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
Custom ICMP - ...
All
All
Anywh...
Delete
0.0.0.0/0
::/0
SSH
TCP
22
Anywh...
Delete
0.0.0.0/0
::/0
HTTP
TCP
80
Anywh...
Delete
0.0.0.0/0
::/0
Add rule
Feedback
English (US)
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ENG
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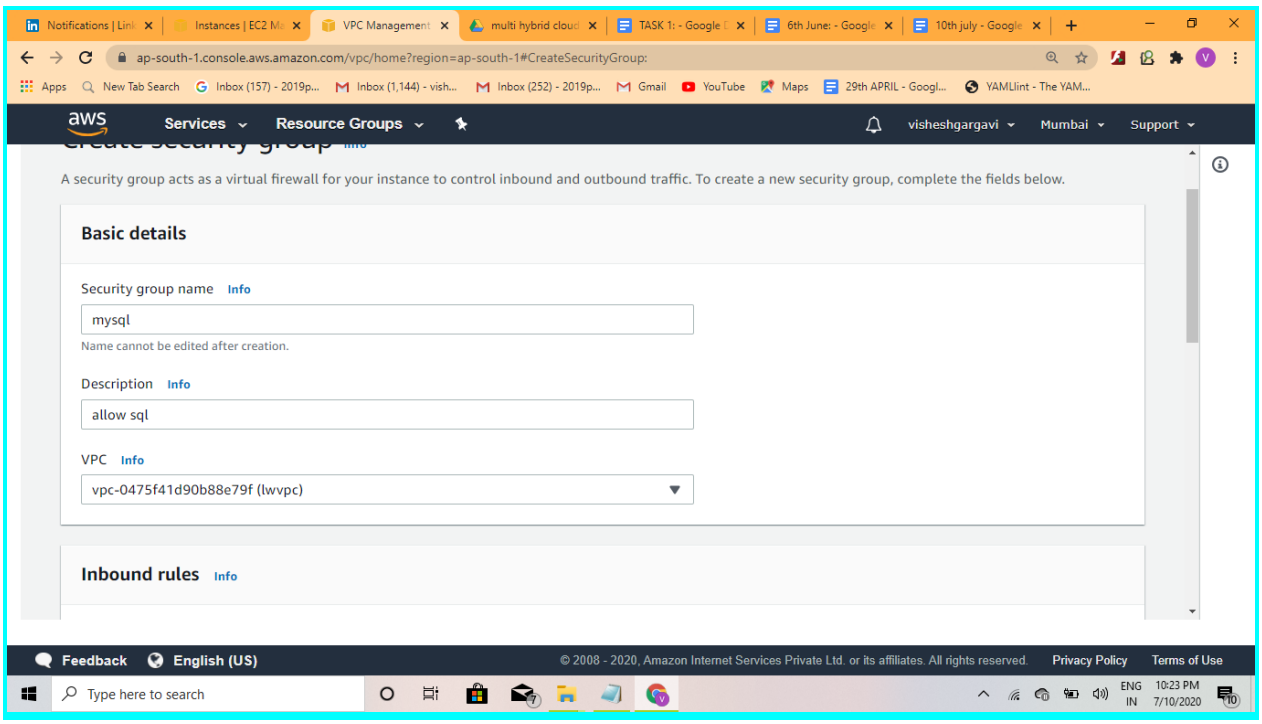
Notifications | Link
Instances | EC2 Ma
VPC Management
multi hybrid cloud
TASK 1: - Google D
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ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSecurityGroup:
Apps
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aws
Services
Resource Groups
visheshgargavi
Mumbai
Support
A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.
Basic details
Security group name Info
mysql
Name cannot be edited after creation.
Description Info
allow sql
VPC Info
vpc-0475f41d90b88e79f (lwvpc)
Inbound rules Info
Feedback
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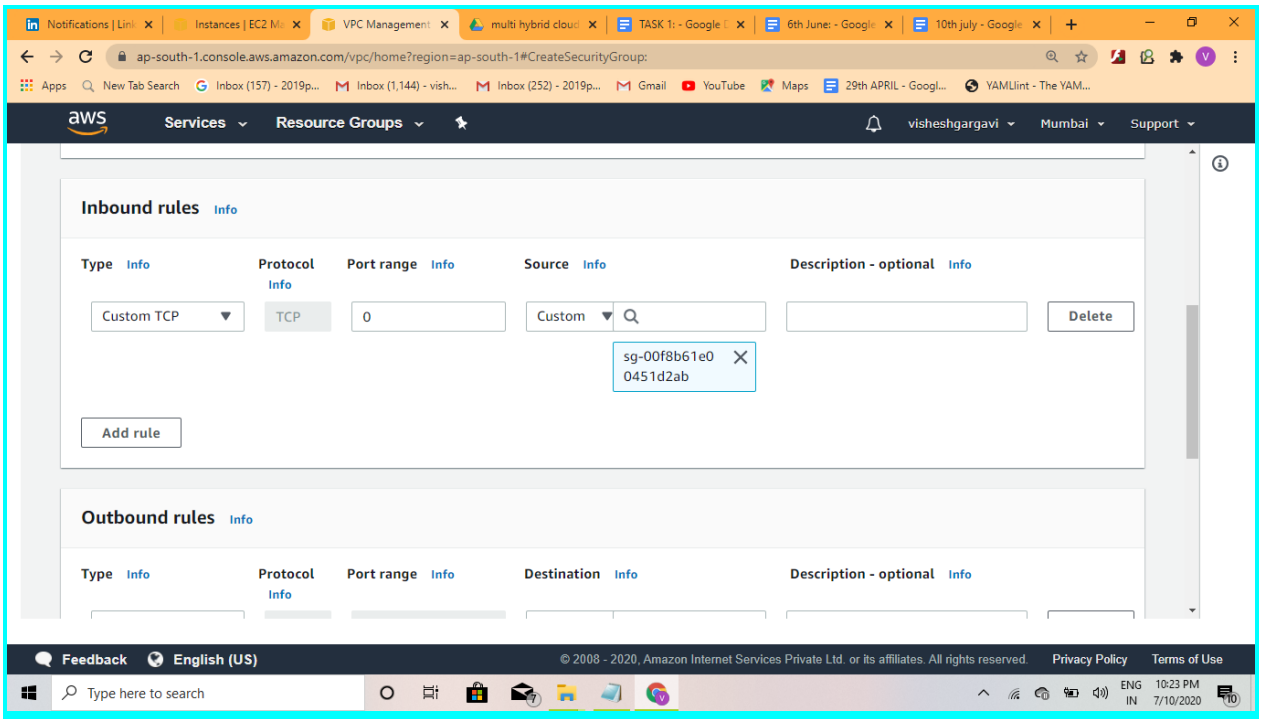
Inbound rules Info
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
Custom TCP
TCP
0
Custom
sg-00f8b61e0
0451d2ab
Delete
Add rule
Outbound rules Info
Type Info
Protocol Info
Port range Info
Destination Info
Description - optional Info
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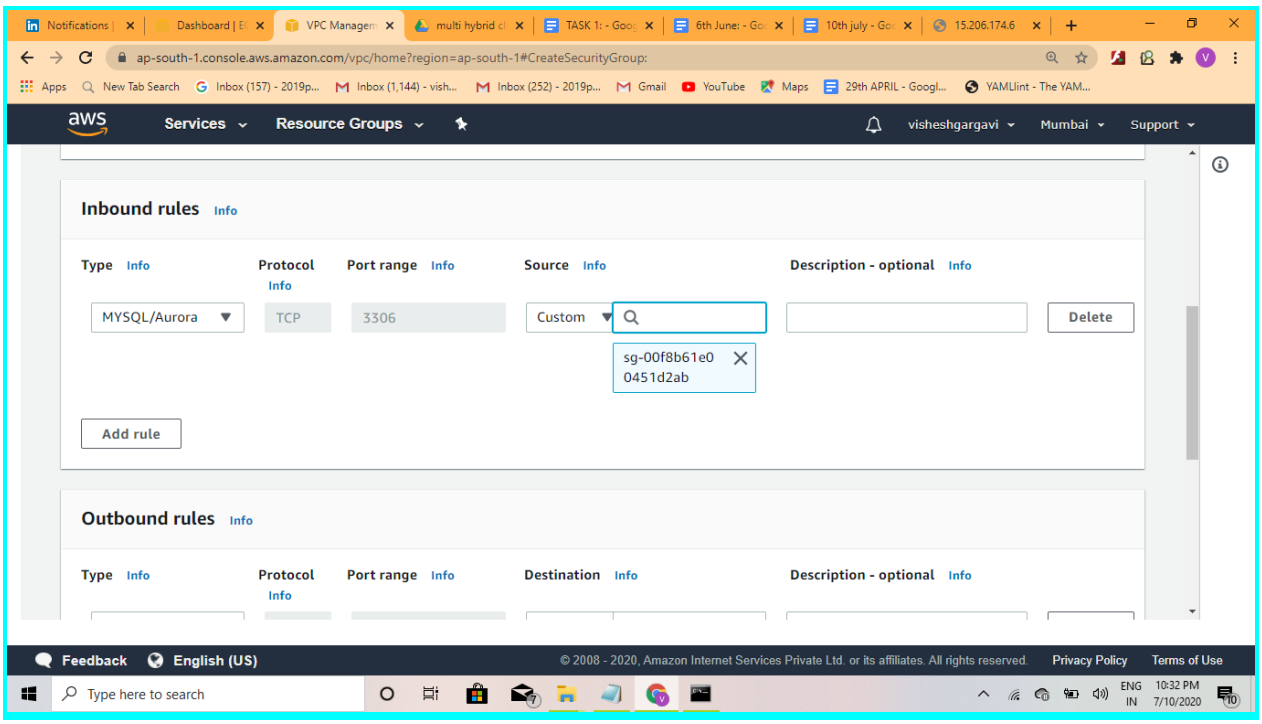
Inbound rules Info
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
MYSQL/Aurora
TCP
3306
Custom
sg-00f8b61e0
0451d2ab
Delete
Add rule
Outbound rules Info
Type Info
Protocol Info
Port range Info
Destination Info
Description - optional Info
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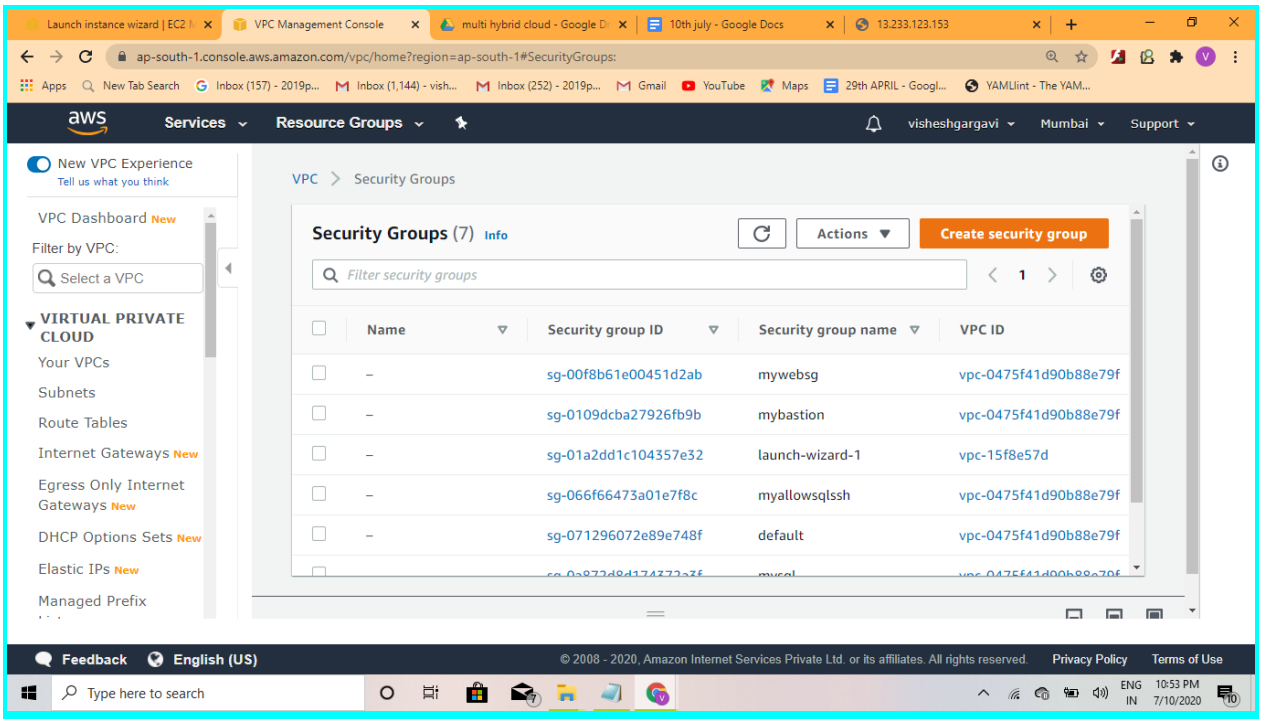
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VPC Management Console
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13.233.123.153
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#SecurityGroups:
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Inbox (1,144) - vish...
Inbox (252) - 2019p...
Gmail
YouTube
Maps
29th APRIL - Googl...
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New VPC Experience
Tell us what you think
VPC Dashboard New
Filter by VPC:
Select a VPC
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Managed Prefix
VPC > Security Groups
Security Groups (7) Info
Actions
Create security group
Filter security groups
1
Name
Security group ID
Security group name
VPC ID
sg-00f8b61e00451d2ab mywebsg vpc-0475f41d90b88e79f
sg-0109dcba27926fb9b mybastion vpc-0475f41d90b88e79f
sg-01a2dd1c104357e32 launch-wizard-1 vpc-15f8e57d
sg-066f66473a01e7f8c myallowsqlssh vpc-0475f41d90b88e79f
sg-071296072e89e748f default vpc-0475f41d90b88e79f
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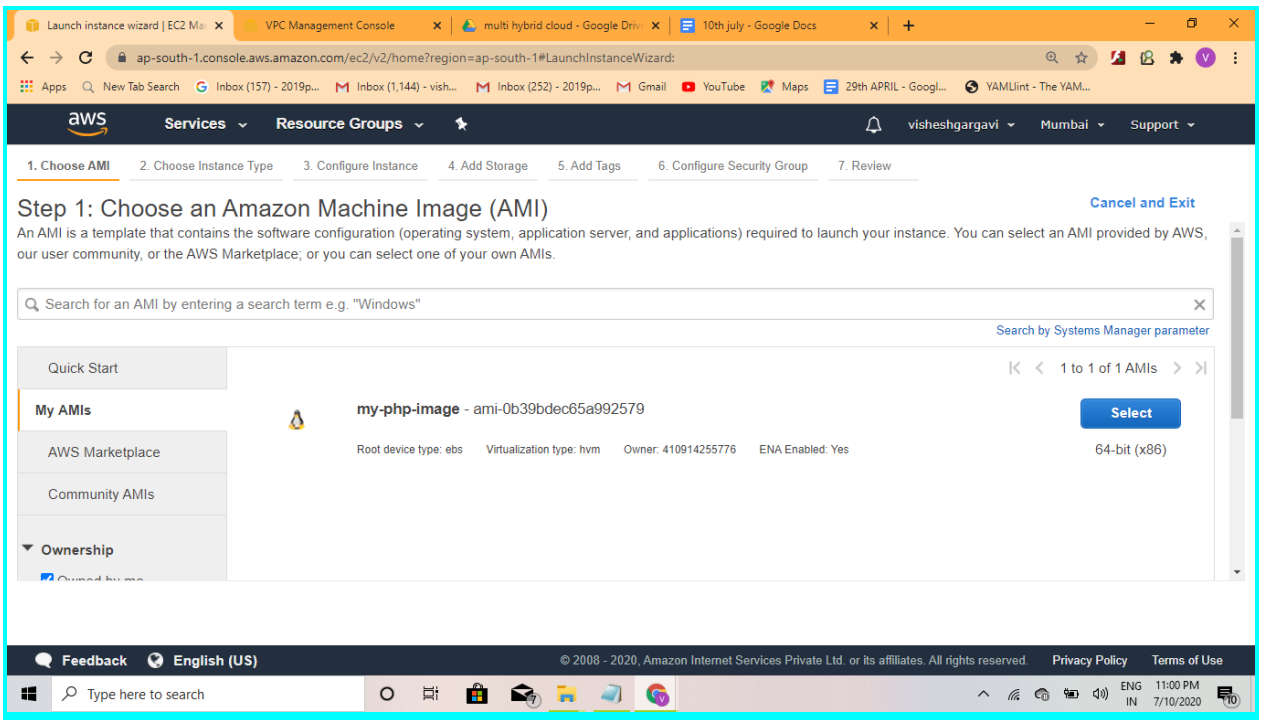
Launch instance wizard | EC2 Ma
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 1: Choose an Amazon Machine Image (AMI)
Cancel and Exit
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.
Search for an AMI by entering a search term e.g. "Windows"
Search by Systems Manager parameter
Quick Start
My AMIs
AWS Marketplace
Community AMIs
Ownership
1 to 1 of 1 AMIs
my-php-image - ami-0b39bdec65a992579
Select
Root device type: ebs
Virtualization type: hvm
Owner: 410914255776
ENA Enabled: Yes
64-bit (x86)
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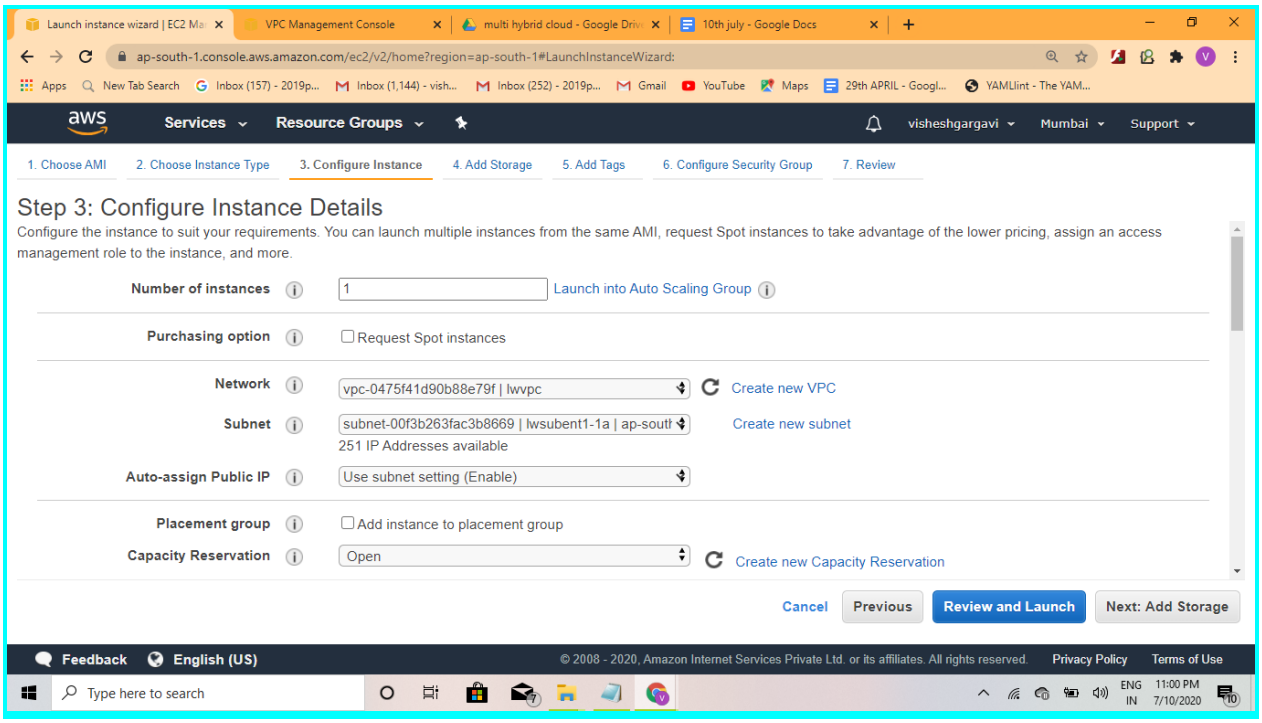
Launch instance wizard | EC2 Ma
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
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Inbox (1,144) - vish...
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Services
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Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.
Number of instances
1
Launch into Auto Scaling Group
Purchasing option
Request Spot instances
Network
vpc-0475f41d90b88e79f | lwvpc
Create new VPC
Subnet
subnet-00f3b263fac3b8669 | lwsubent1-1a | ap-south
Create new subnet
251 IP Addresses available
Auto-assign Public IP
Use subnet setting (Enable)
Placement group
Add instance to placement group
Capacity Reservation
Open
Create new Capacity Reservation
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
English (US)
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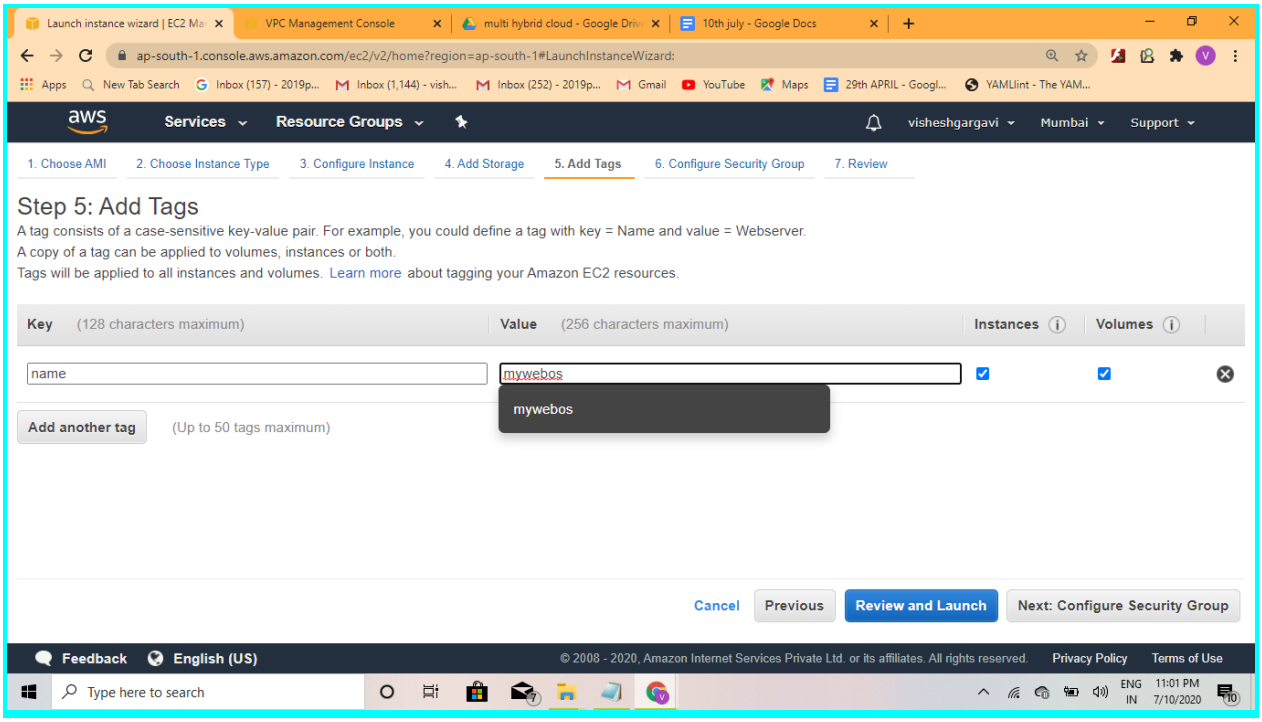
Launch instance wizard | EC2 Ma
VPC Management Console
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10th july - Google Docs
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Apps
New Tab Search
Inbox (157) - 2019p...
Inbox (1,144) - vish...
Inbox (252) - 2019p...
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YouTube
Maps
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Services
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Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
name
mywebos
mywebos
Add another tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
Feedback
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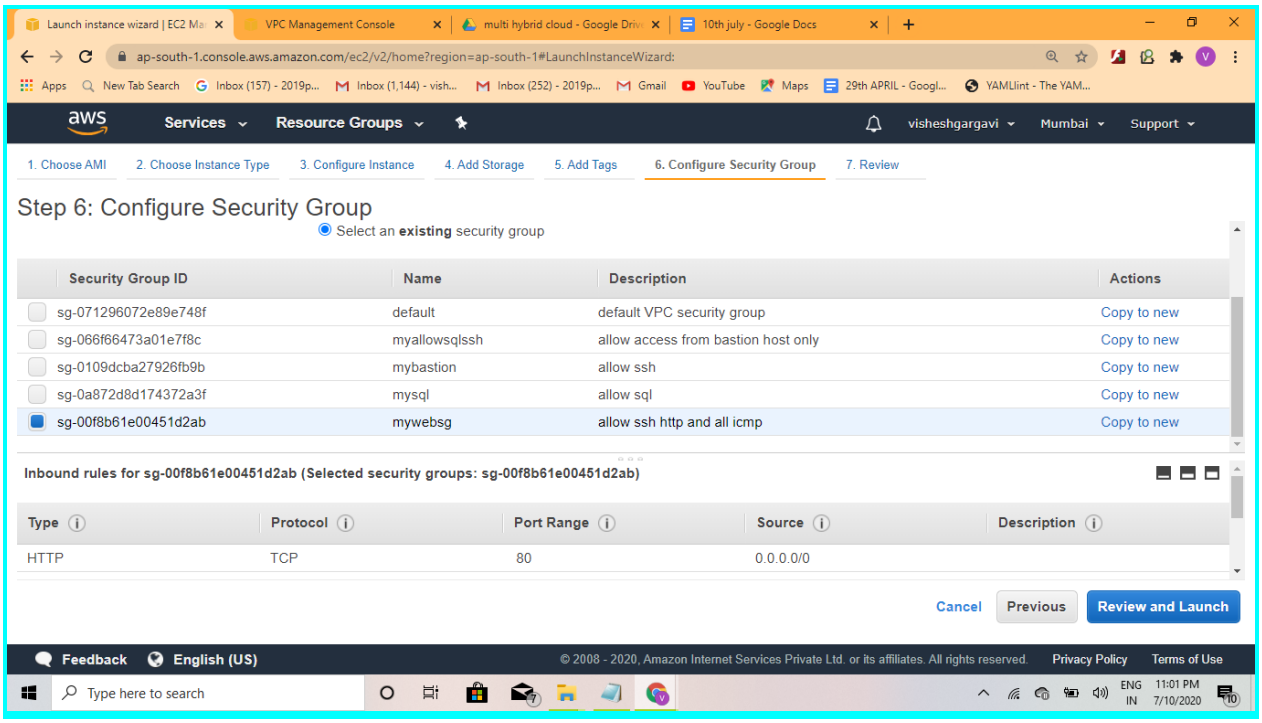
Launch instance wizard | EC2 Ma
VPC Management Console
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
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Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 6: Configure Security Group
Select an existing security group
Security Group ID
Name
Description
Actions
sg-071296072e89e748f
default
default VPC security group
Copy to new
sg-066f66473a01e7f8c
myallowsqlssh
allow access from bastion host only
Copy to new
sg-0109dcba27926fb9b
mybastion
allow ssh
Copy to new
sg-0a872d8d174372a3f
mysql
allow sql
Copy to new
sg-00f8b61e00451d2ab
mywebsg
allow ssh http and all icmp
Copy to new
Inbound rules for sg-00f8b61e00451d2ab (Selected security groups: sg-00f8b61e00451d2ab)
Type
Protocol
Port Range
Source
Description
HTTP
TCP
80
0.0.0.0/0
Cancel
Previous
Review and Launch
Feedback
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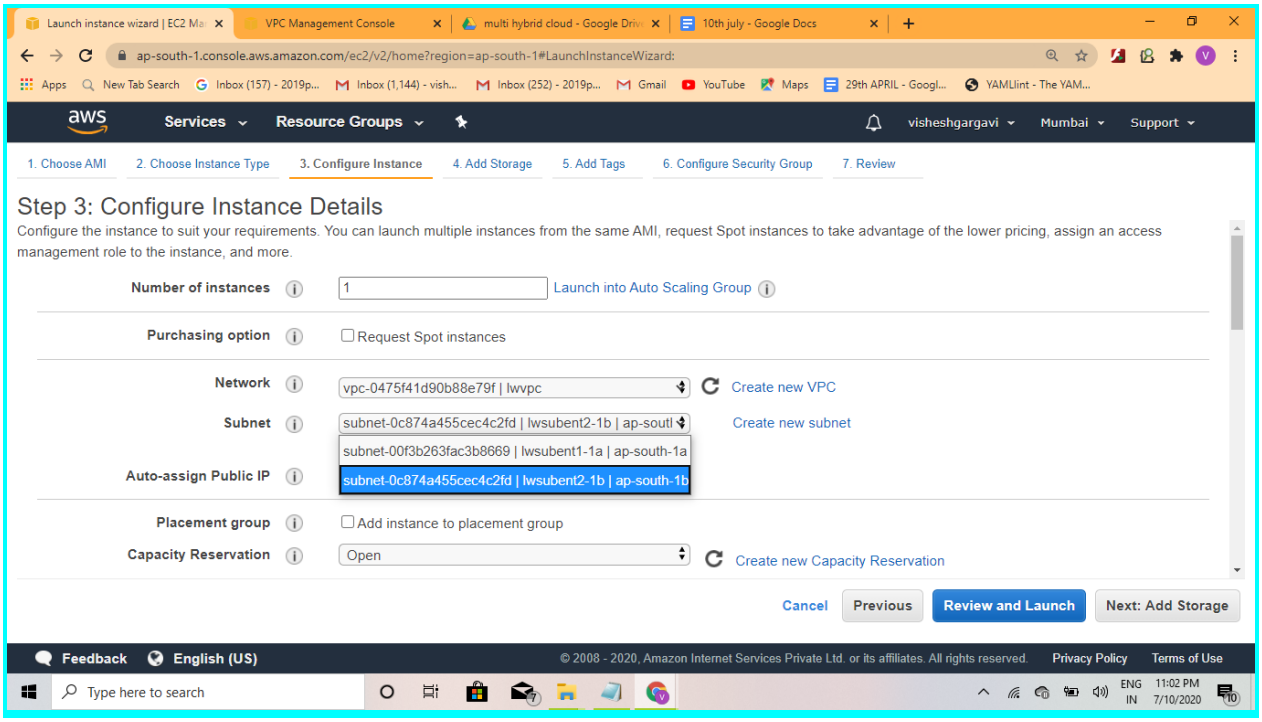
Launch instance wizard | EC2 Ma
VPC Management Console
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.
Number of instances
1
Launch into Auto Scaling Group
Purchasing option
Request Spot instances
Network
vpc-0475f41d90b88e79f | lwvpc
Create new VPC
Subnet
subnet-0c874a455cec4c2fd | lwsubent2-1b | ap-south
Create new subnet
subnet-00f3b263fac3b8669 | lwsubent1-1a | ap-south-1a
Auto-assign Public IP
subnet-0c874a455cec4c2fd | lwsubent2-1b | ap-south-1b
Placement group
Add instance to placement group
Capacity Reservation
Open
Create new Capacity Reservation
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
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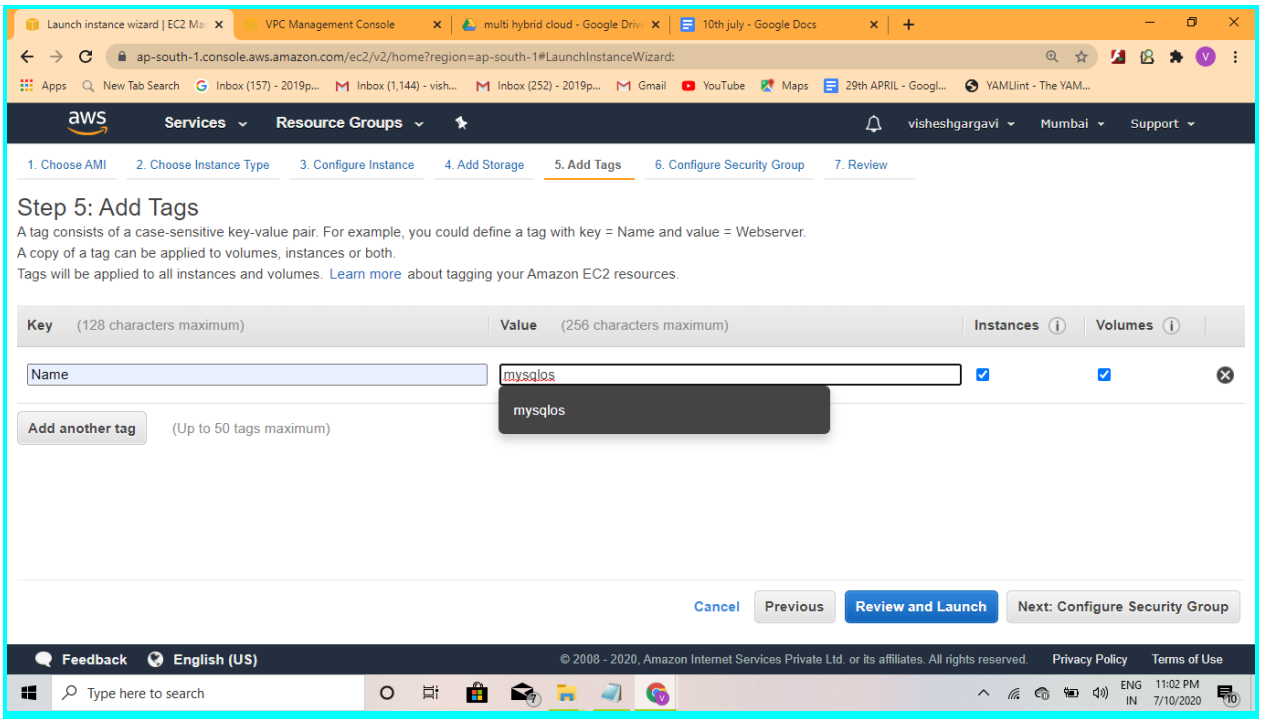
Launch instance wizard | EC2 Ma
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
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Resource Groups
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Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
Name
mysqlos
mysqlos
Add another tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
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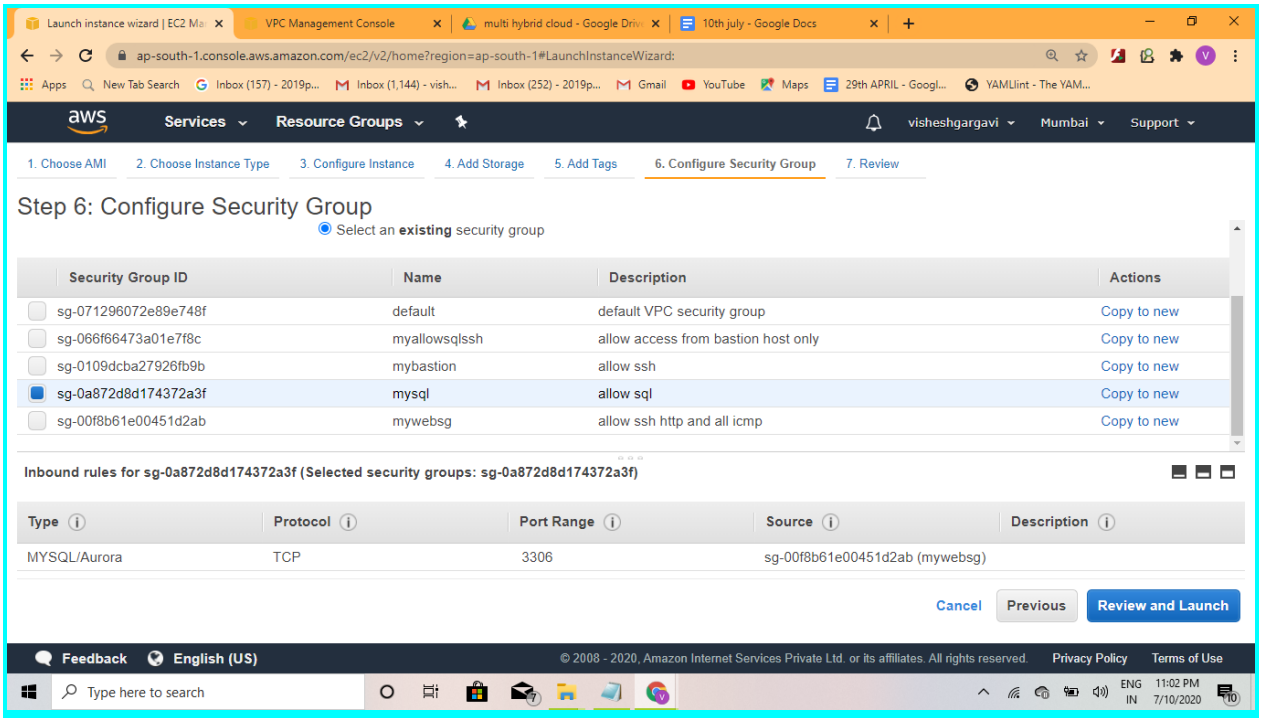
Launch instance wizard | EC2 Ma
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ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 6: Configure Security Group
Select an existing security group
Security Group ID
Name
Description
Actions
sg-071296072e89e748f
default
default VPC security group
Copy to new
sg-066f66473a01e7f8c
myallowsqlssh
allow access from bastion host only
Copy to new
sg-0109dcba27926fb9b
mybastion
allow ssh
Copy to new
sg-0a872d8d174372a3f
mysql
allow sql
Copy to new
sg-00f8b61e00451d2ab
mywebsg
allow ssh http and all icmp
Copy to new
Inbound rules for sg-0a872d8d174372a3f (Selected security groups: sg-0a872d8d174372a3f)
Type
Protocol
Port Range
Source
Description
MYSQL/Aurora
TCP
3306
sg-00f8b61e00451d2ab (mywebsg)
Cancel
Previous
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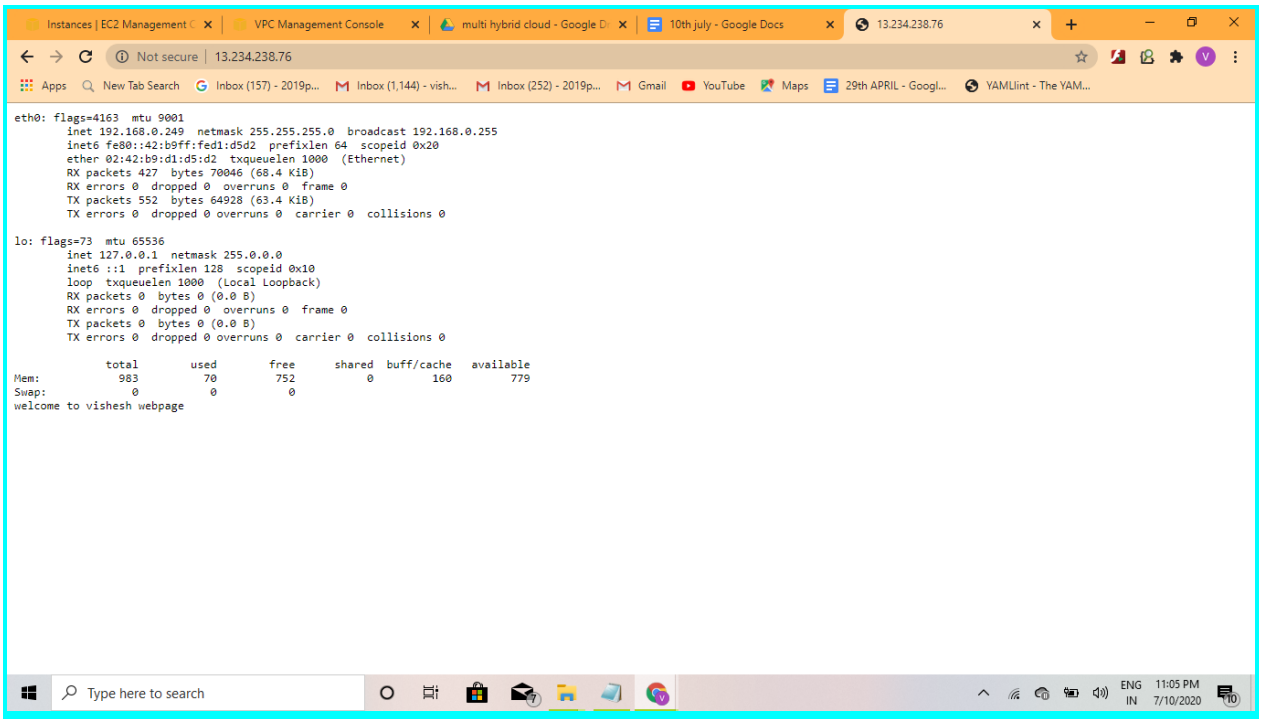
Instances | EC2 Management C
VPC Management Console
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Not secure
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Apps
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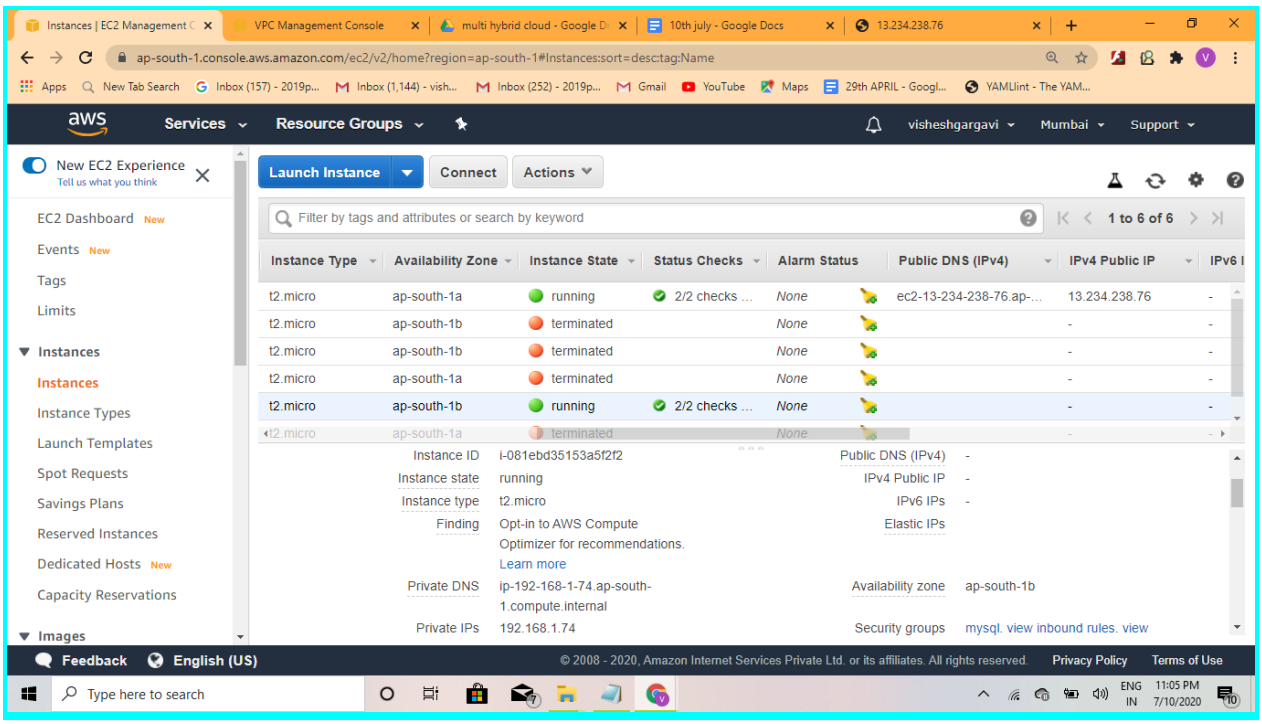
Inbox (1,144) - vish...
Inbox (252) - 2019p...
Gmail
YouTube
Maps
29th APRIL - Googl...
YAMLlint - The YAM...
eth0: flags=4163 mtu 9001
inet 192.168.0.249 netmask 255.255.255.0 broadcast 192.168.0.255
inet6 fe80::42:b9ff:fed1:d5d2 prefixlen 64 scopeid 0x20
ether 02:42:b9:d1:d5:d2 txqueuelen 1000 (Ethernet)
RX packets 427 bytes 70046 (68.4 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 552 bytes 64928 (63.4 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73 mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10
loop txqueuelen 1000 (Local Loopback)
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
total used free shared buff/cache available
Mem: 983 70 752 0 160 779
Swap: 0 0 0
welcome to vishesh webpage
Type here to search
ENG IN
11:05 PM 7/10/2020


Instances | EC2 Management C
VPC Management Console
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13.234.238.76
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Instances:sort=desc:tag:Name
aws
Services
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Mumbai
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 6 of 6
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
IPv6 I
t2.micro ap-south-1a running 2/2 checks ... None ec2-13-234-238-76.ap-... 13.234.238.76 -
t2.micro ap-south-1b terminated None - -
t2.micro ap-south-1b terminated None - -
t2.micro ap-south-1a terminated None - -
t2.micro ap-south-1b running 2/2 checks ... None - -
t2.micro ap-south-1a terminated None - -
Instance ID i-081ebd35153a5f2f2
Instance state running
Instance type t2.micro
Finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS ip-192-168-1-74.ap-south-1.compute.internal
Private IPs 192.168.1.74
Public DNS (IPv4) -
IPv4 Public IP -
IPv6 IPs -
Elastic IPs
Availability zone ap-south-1b
Security groups mysql. view inbound rules. view
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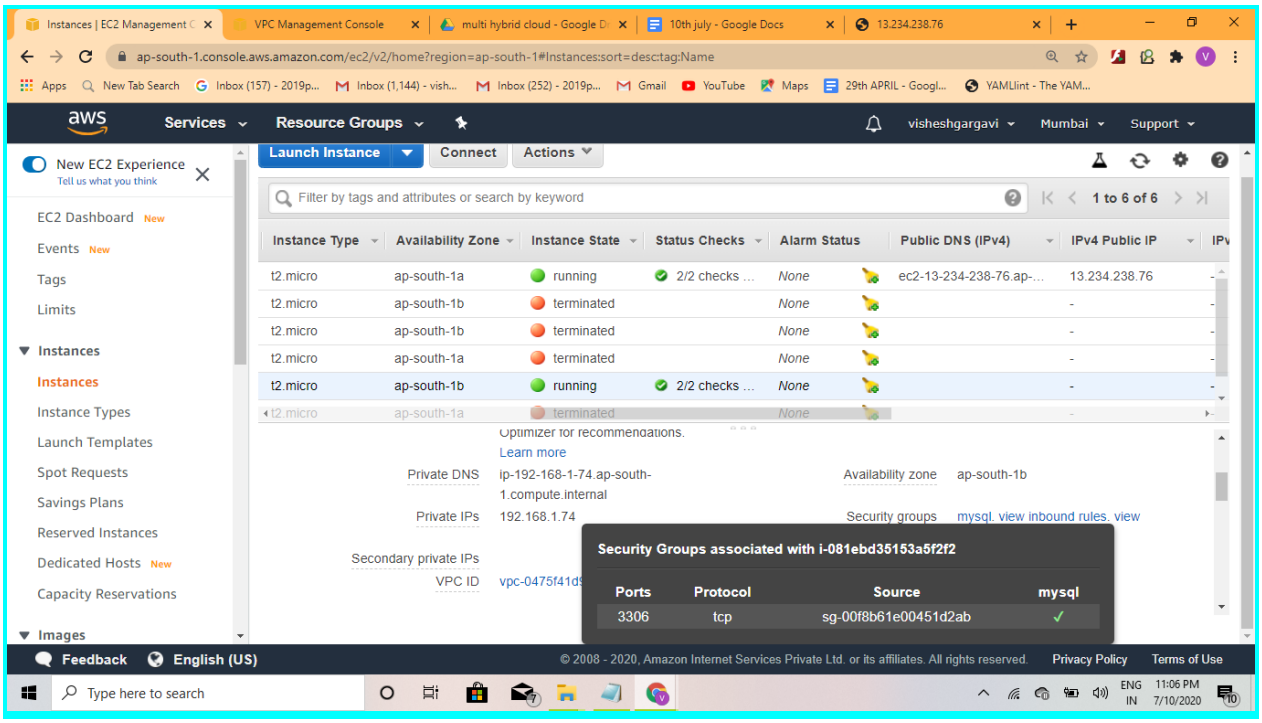
ENG IN
11:05 PM 7/10/2020


Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 6 of 6
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
IPv4 Public IP
t2.micro ap-south-1a running 2/2 checks ... None ec2-13-234-238-76.ap-... 13.234.238.76
t2.micro ap-south-1b terminated None
t2.micro ap-south-1b terminated None
t2.micro ap-south-1a terminated None
t2.micro ap-south-1b running 2/2 checks ... None
Private DNS ip-192-168-1-74.ap-south-1.compute.internal
Availability zone ap-south-1b
Private IPs 192.168.1.74
Security groups mysql. view inbound rules. view
Secondary private IPs
VPC ID
Security Groups associated with i-081ebd35153a5f2f2
Ports Protocol Source mysql
3306 tcp sg-00f8b61e00451d2ab
Feedback
English (US)
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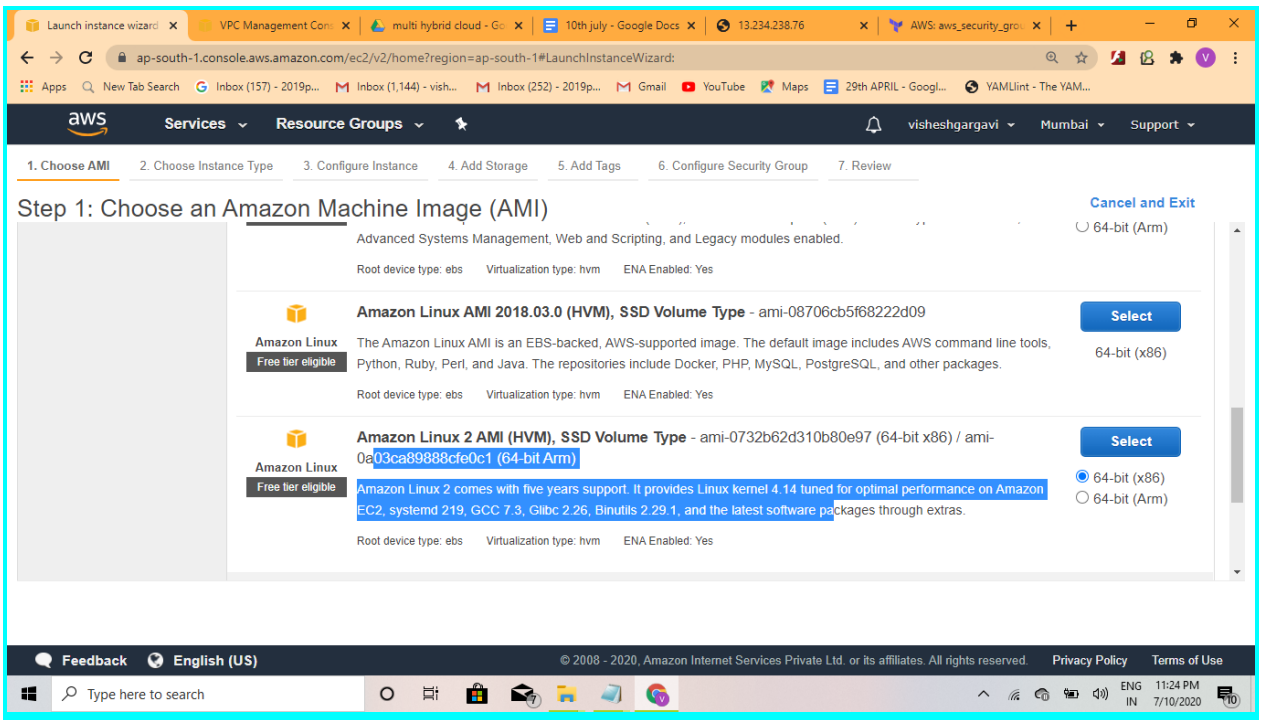
Step 1: Choose an Amazon Machine Image (AMI)
Cancel and Exit
Amazon Linux AMI 2018.03.0 (HVM), SSD Volume Type - ami-08706cb5f68222d09
Select
64-bit (x86)
Amazon Linux 2 AMI (HVM), SSD Volume Type - ami-0732b62d310b80e97 (64-bit x86) / ami-0e03ca89888cfe0c1 (64-bit Arm)
Amazon Linux 2 comes with five years support. It provides Linux kernel 4.14 tuned for optimal performance on Amazon EC2, systemd 219, GCC 7.3, Glibc 2.26, Binutils 2.29.1, and the latest software packages through extras.
Feedback
English (US)
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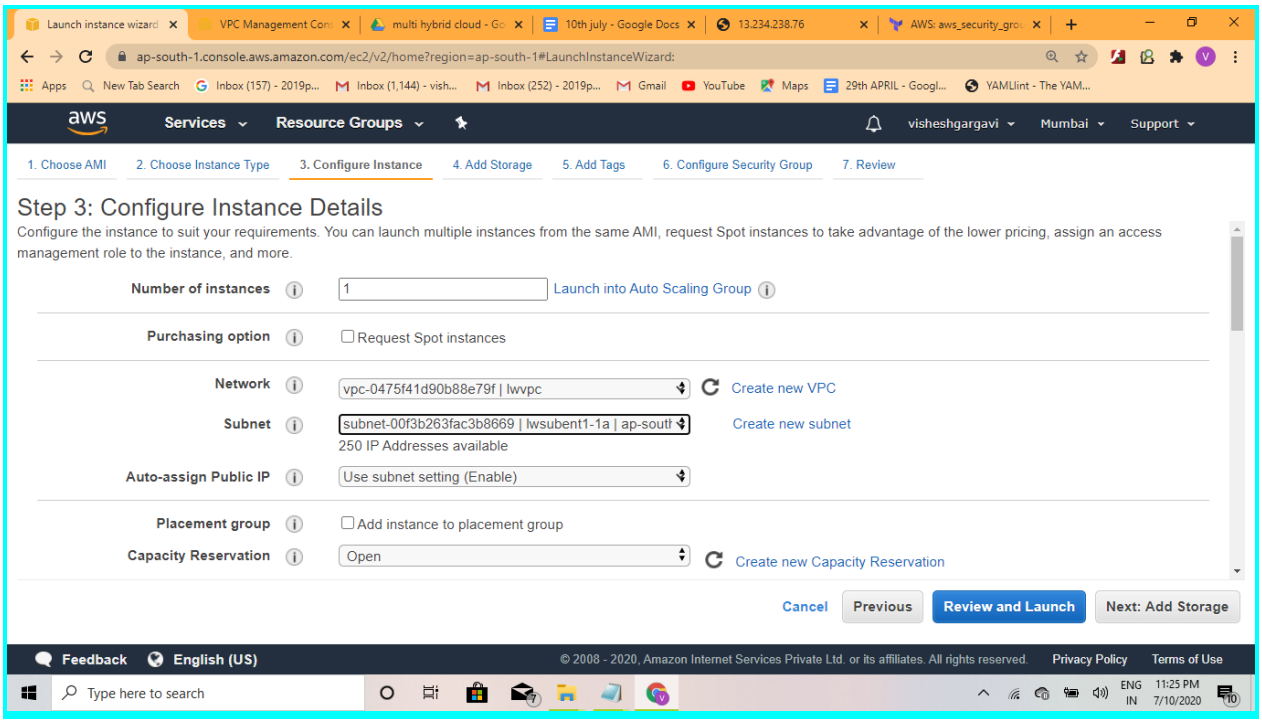
Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.
Number of instances
1
Launch into Auto Scaling Group
Purchasing option
Request Spot instances
Network
vpc-0475f41d90b88e79f | lwvpc
Create new VPC
Subnet
subnet-00f3b263fac3b8669 | lwsubent1-1a | ap-south
Create new subnet
250 IP Addresses available
Auto-assign Public IP
Use subnet setting (Enable)
Placement group
Add instance to placement group
Capacity Reservation
Open
Create new Capacity Reservation
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
English (US)
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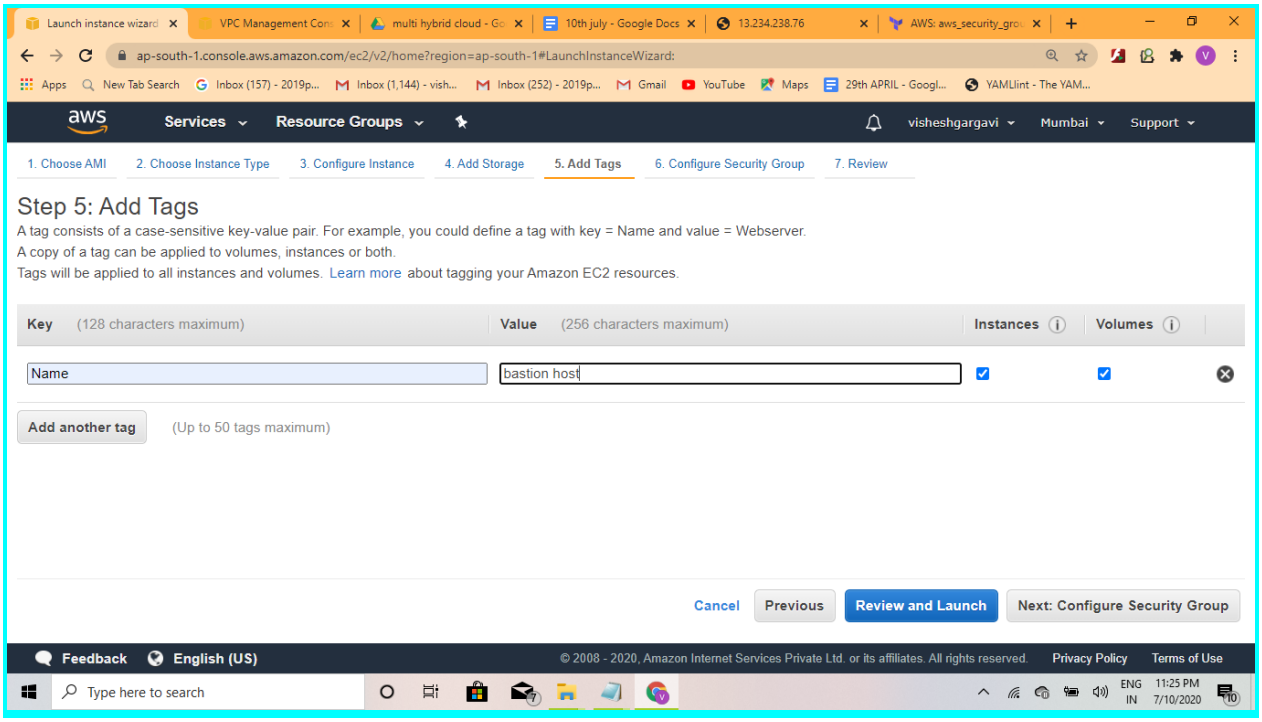
Type here to search
ENG
IN
11:25 PM
7/10/2020


Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
Name
bastion host
Add another tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
Feedback
English (US)
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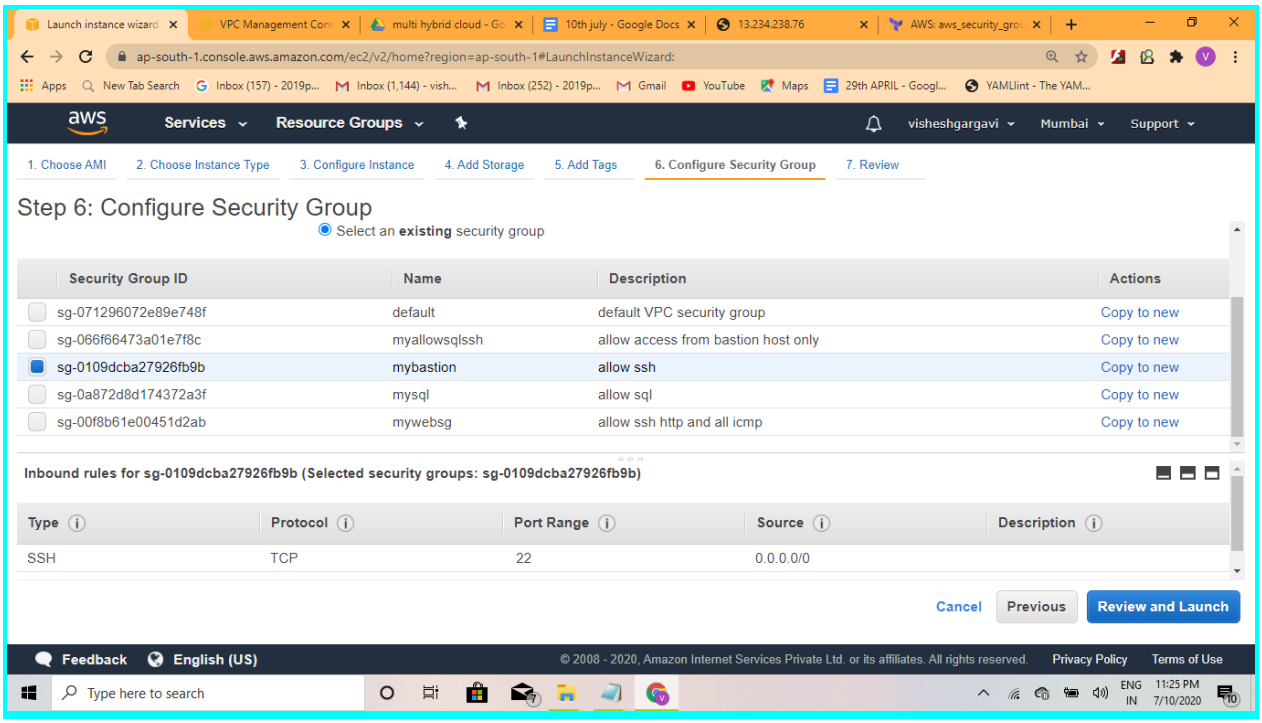
Type here to search
ENG
IN
11:25 PM
7/10/2020


Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 6: Configure Security Group
Select an existing security group
Security Group ID
Name
Description
Actions
sg-071296072e89e748f
default
default VPC security group
Copy to new
sg-066f66473a01e7f8c
myallowsqlssh
allow access from bastion host only
Copy to new
sg-0109dcba27926fb9b
mybastion
allow ssh
Copy to new
sg-0a872d8d174372a3f
mysql
allow sql
Copy to new
sg-00f8b61e00451d2ab
mywebsg
allow ssh http and all icmp
Copy to new
Inbound rules for sg-0109dcba27926fb9b (Selected security groups: sg-0109dcba27926fb9b)
Type
Protocol
Port Range
Source
Description
SSH
TCP
22
0.0.0.0/0
Cancel
Previous
Review and Launch
Feedback
English (US)
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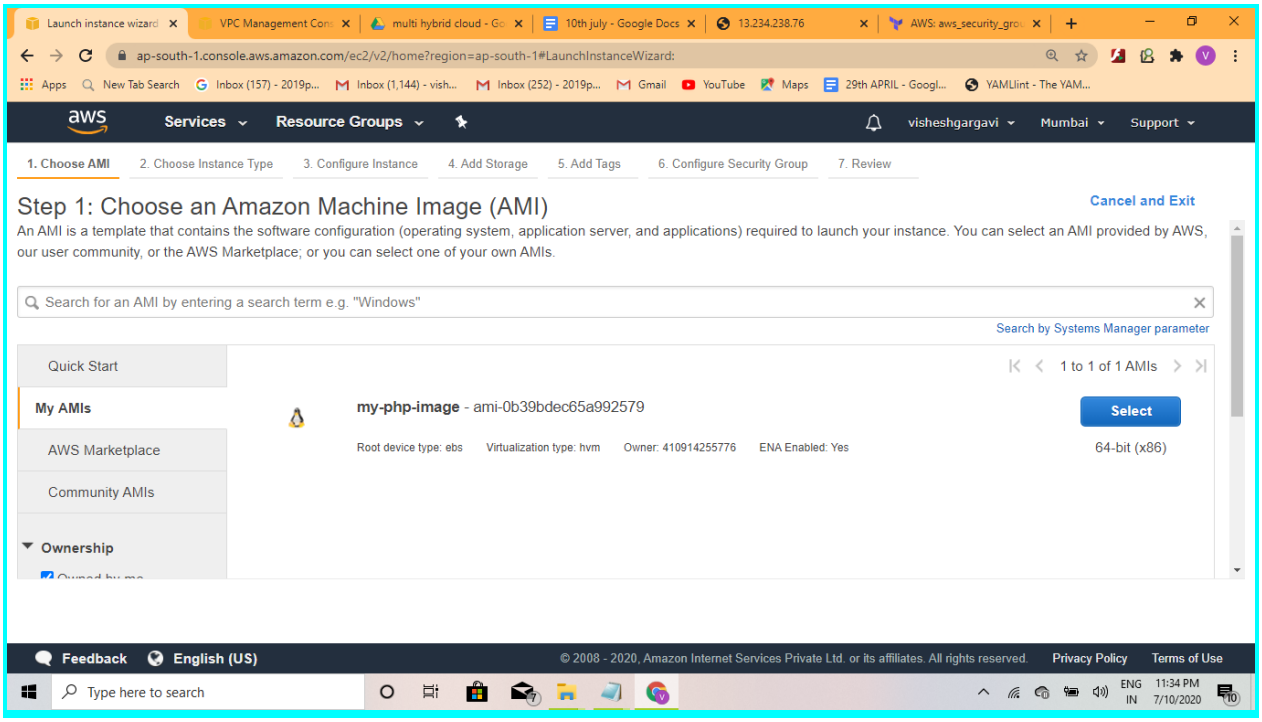
Type here to search
11:25 PM
7/10/2020


Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 1: Choose an Amazon Machine Image (AMI)
Cancel and Exit
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.
Search for an AMI by entering a search term e.g. "Windows"
Search by Systems Manager parameter
Quick Start
My AMIs
AWS Marketplace
Community AMIs
Ownership
1 to 1 of 1 AMIs
my-php-image - ami-0b39bdec65a992579
Select
Root device type: ebs
Virtualization type: hvm
Owner: 410914255776
ENA Enabled: Yes
64-bit (x86)
Feedback
English (US)
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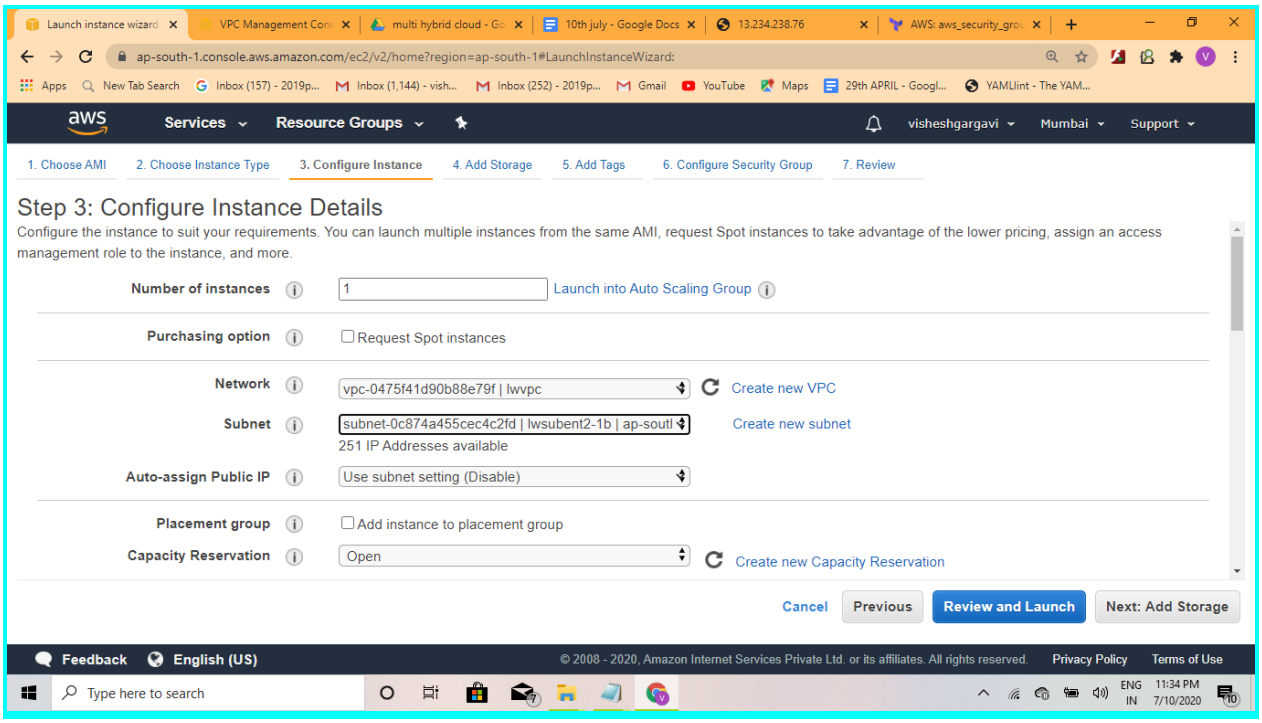
Type here to search
11:34 PM
7/10/2020


Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 3: Configure Instance Details
Configure the instance to suit your requirements. You can launch multiple instances from the same AMI, request Spot instances to take advantage of the lower pricing, assign an access management role to the instance, and more.
Number of instances
1
Launch into Auto Scaling Group
Purchasing option
Request Spot instances
Network
vpc-0475f41d90b88e79f | lwvpc
Create new VPC
Subnet
subnet-0c874a455cec4c2fd | lwsubent2-1b | ap-southl
Create new subnet
251 IP Addresses available
Auto-assign Public IP
Use subnet setting (Disable)
Placement group
Add instance to placement group
Capacity Reservation
Open
Create new Capacity Reservation
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
English (US)
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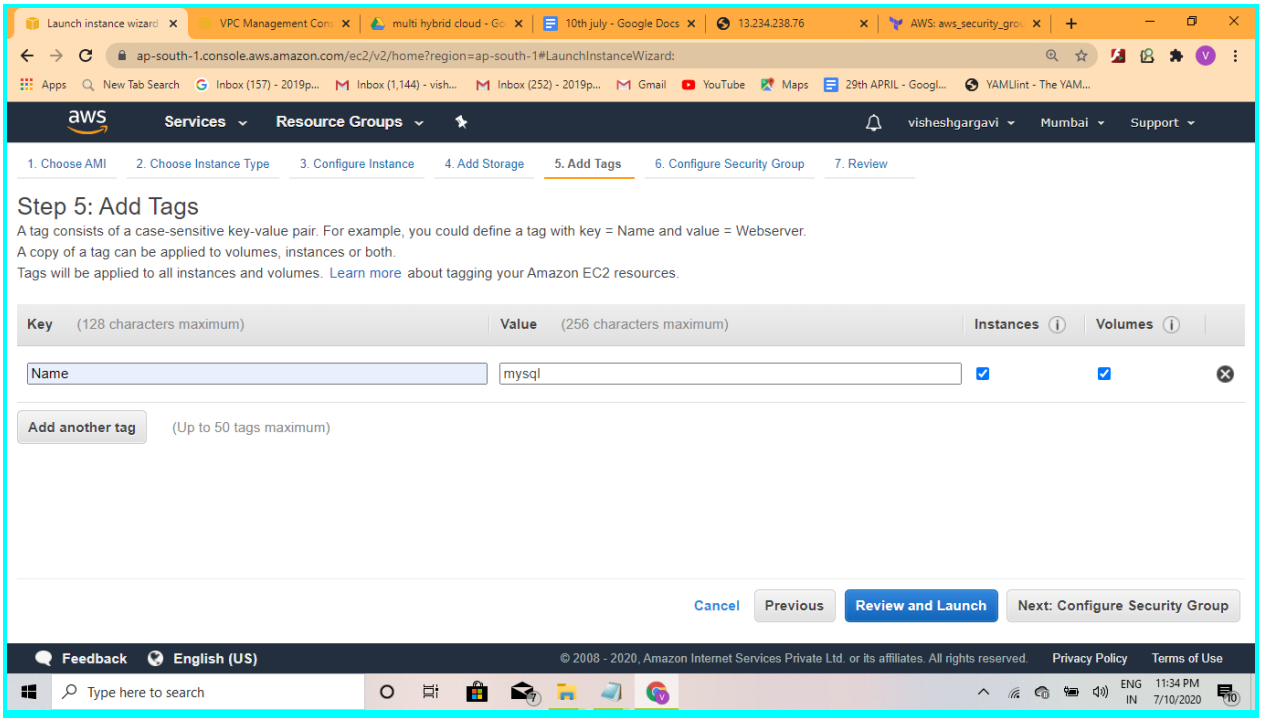
Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 5: Add Tags
A tag consists of a case-sensitive key-value pair. For example, you could define a tag with key = Name and value = Webserver.
A copy of a tag can be applied to volumes, instances or both.
Tags will be applied to all instances and volumes. Learn more about tagging your Amazon EC2 resources.
Key (128 characters maximum)
Value (256 characters maximum)
Instances
Volumes
Name
mysql
Add another tag
(Up to 50 tags maximum)
Cancel
Previous
Review and Launch
Next: Configure Security Group
Feedback
English (US)
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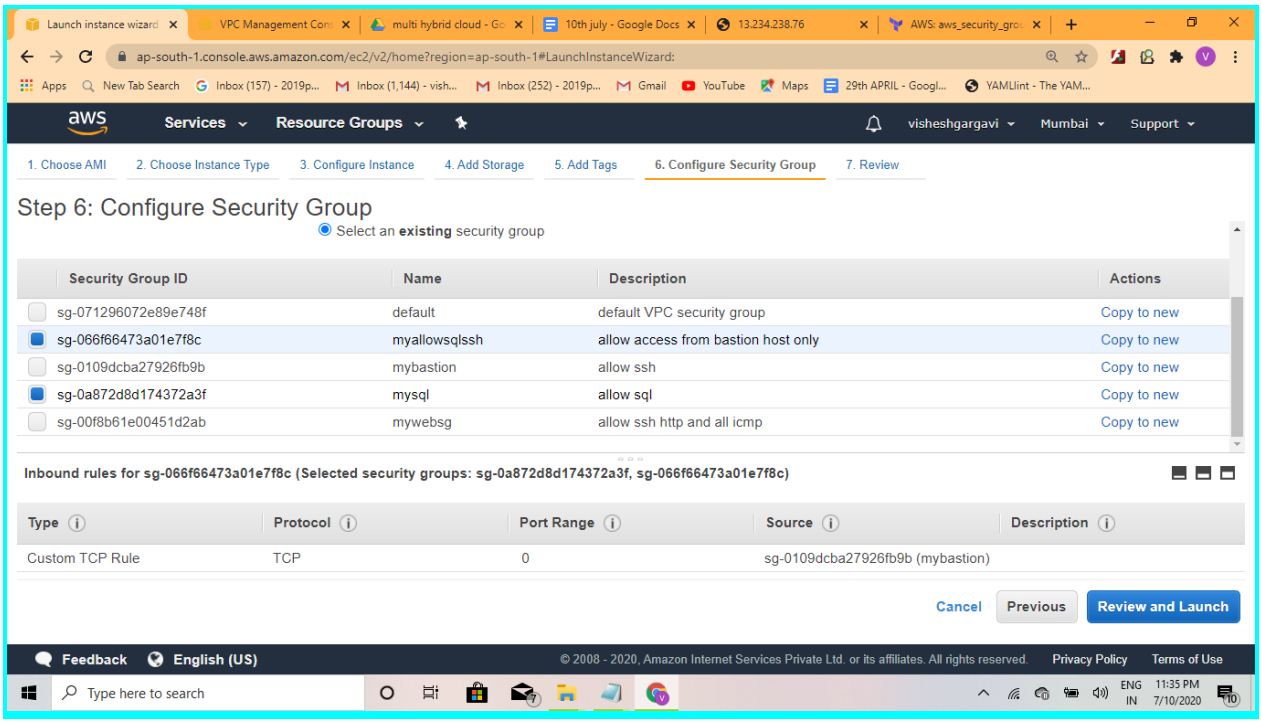
Type here to search


Launch instance wizard
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
Services
Resource Groups
visheshgargavi
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 6: Configure Security Group
Select an existing security group
Security Group ID
Name
Description
Actions
sg-071296072e89e748f
default
default VPC security group
Copy to new
sg-066f66473a01e7f8c
myallowsqlssh
allow access from bastion host only
Copy to new
sg-0109dcba27926fb9b
mybastion
allow ssh
Copy to new
sg-0a872d8d174372a3f
mysql
allow sql
Copy to new
sg-00f8b61e00451d2ab
mywebsg
allow ssh http and all icmp
Copy to new
Inbound rules for sg-066f66473a01e7f8c (Selected security groups: sg-0a872d8d174372a3f, sg-066f66473a01e7f8c)
Type
Protocol
Port Range
Source
Description
Custom TCP Rule
TCP
0
sg-0109dcba27926fb9b (mybastion)
Cancel
Previous
Review and Launch
Feedback
English (US)
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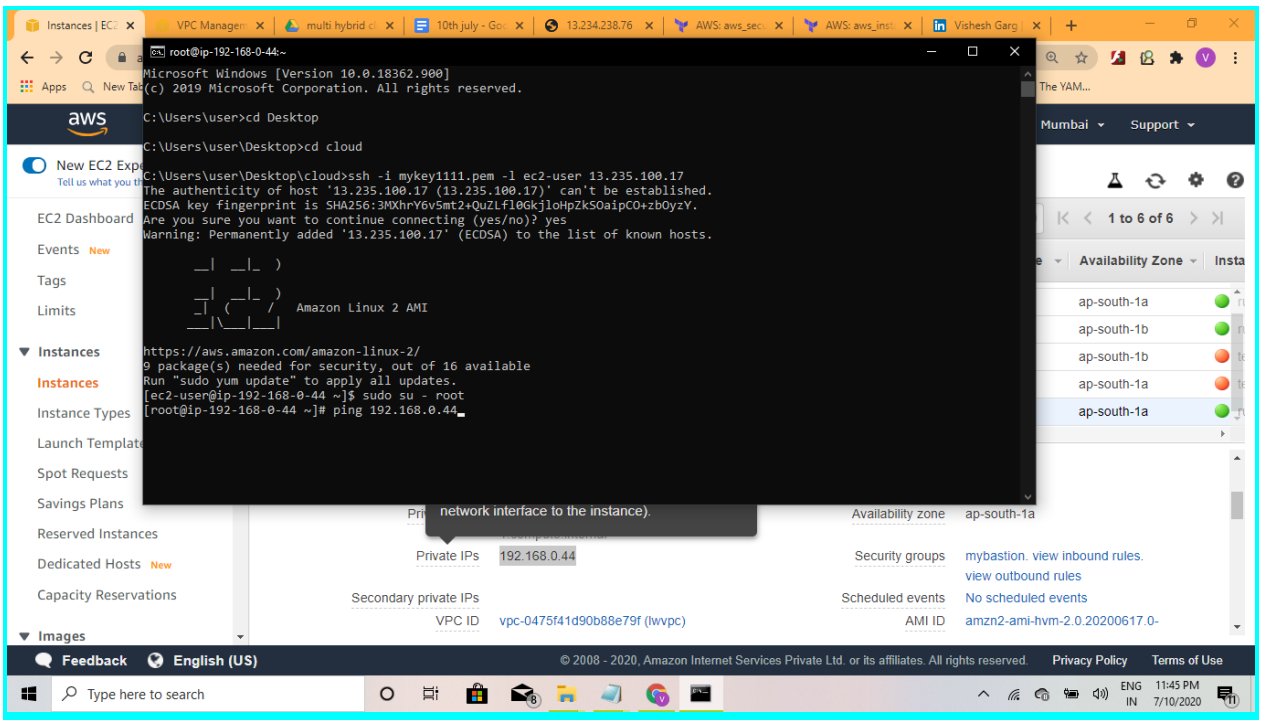
Terms of Use
Type here to search
ENG
IN
11:35 PM
7/10/2020


root@ip-192-168-0-44:~
Microsoft Windows [Version 10.0.18362.900]
(c) 2019 Microsoft Corporation. All rights reserved.
C:\Users\user>cd Desktop
C:\Users\user\Desktop>cd cloud
C:\Users\user\Desktop\cloud>ssh -i mykey1111.pem -l ec2-user 13.235.100.17
The authenticity of host '13.235.100.17 (13.235.100.17)' can't be established.
ECDSA key fingerprint is SHA256:3MXhrY6v5mt2+QuZLfl0GkjloHpZkSOaipCO+zbOyzY.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '13.235.100.17' (ECDSA) to the list of known hosts.
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
9 package(s) needed for security, out of 16 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-0-44 ~]$ sudo su - root
[root@ip-192-168-0-44 ~]# ping 192.168.0.44
network interface to the instance).
Private IPs
192.168.0.44
Availability zone
ap-south-1a
Security groups
mybastion. view inbound rules.
view outbound rules
Secondary private IPs
Scheduled events
No scheduled events
VPC ID
vpc-0475f41d90b88e79f (lwvpc)
AMI ID
amzn2-ami-hvm-2.0.20200617.0-
Feedback
English (US)
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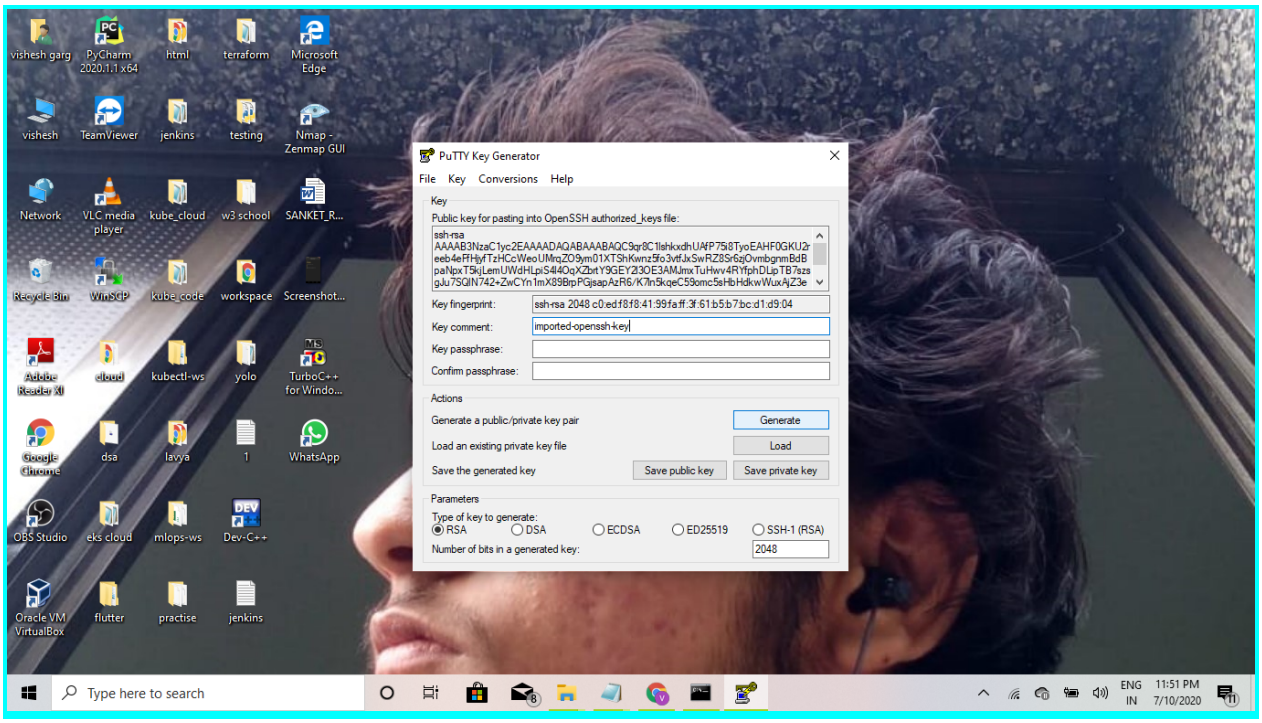
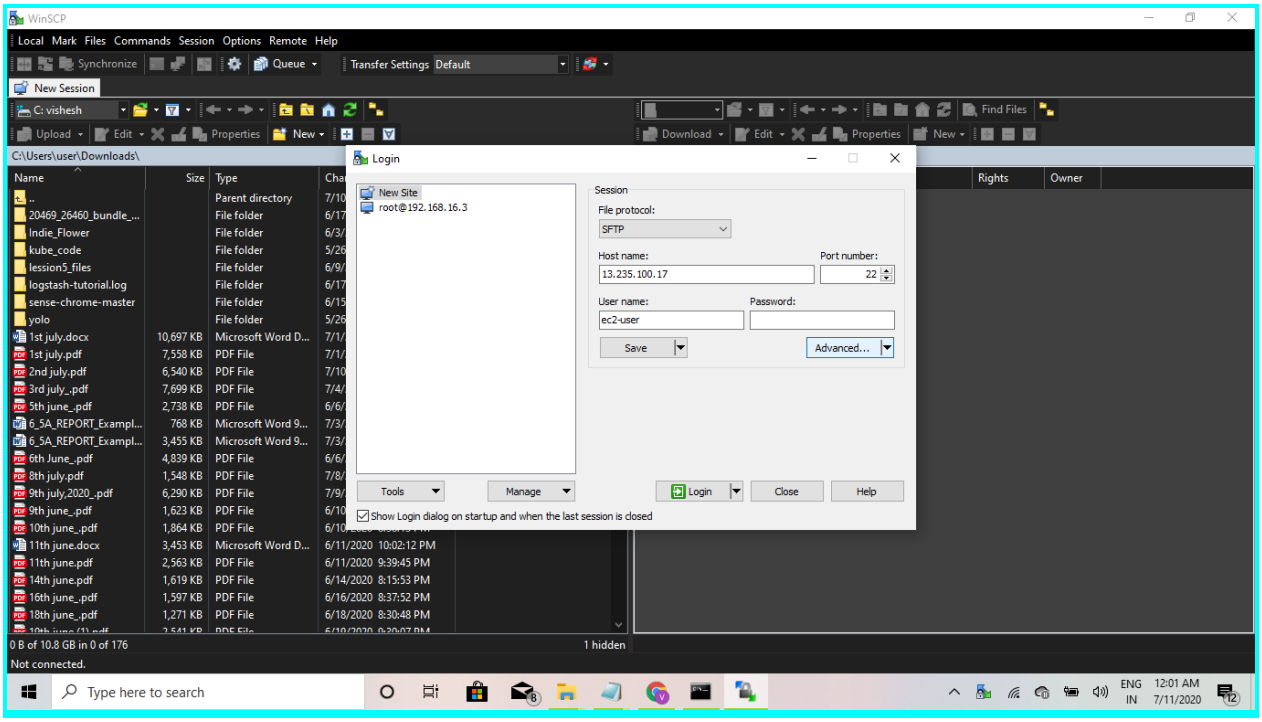
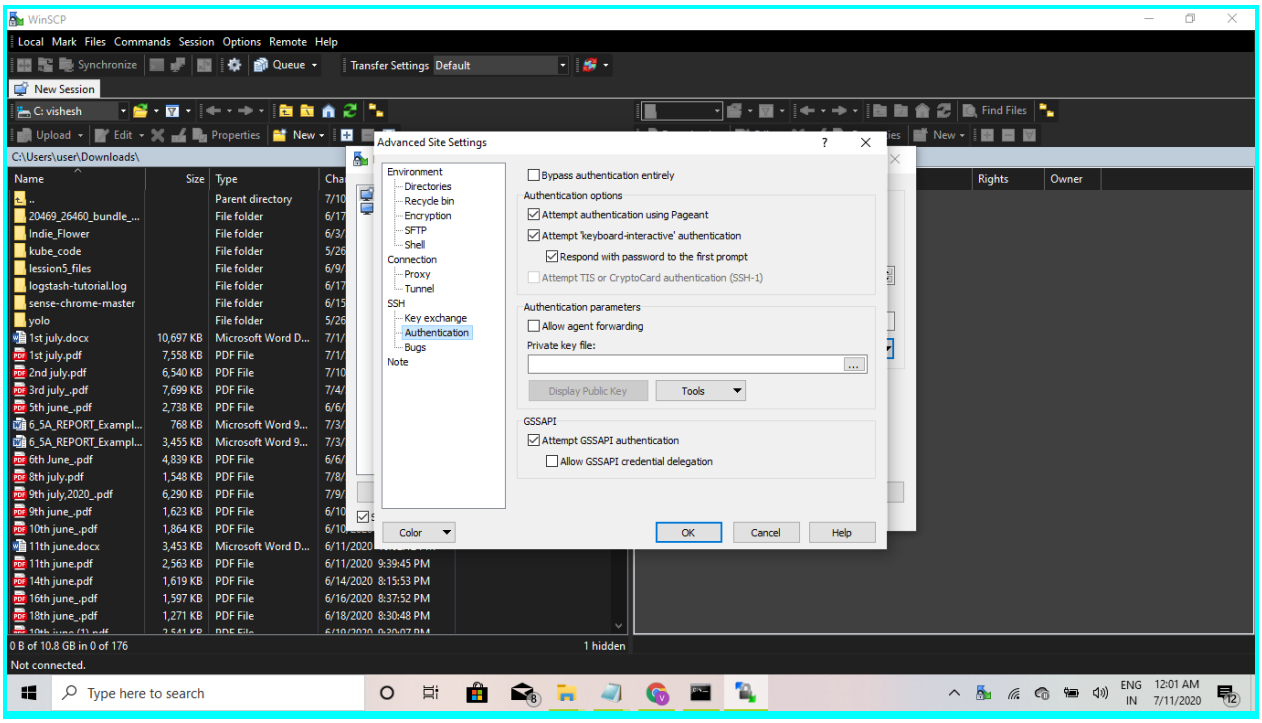
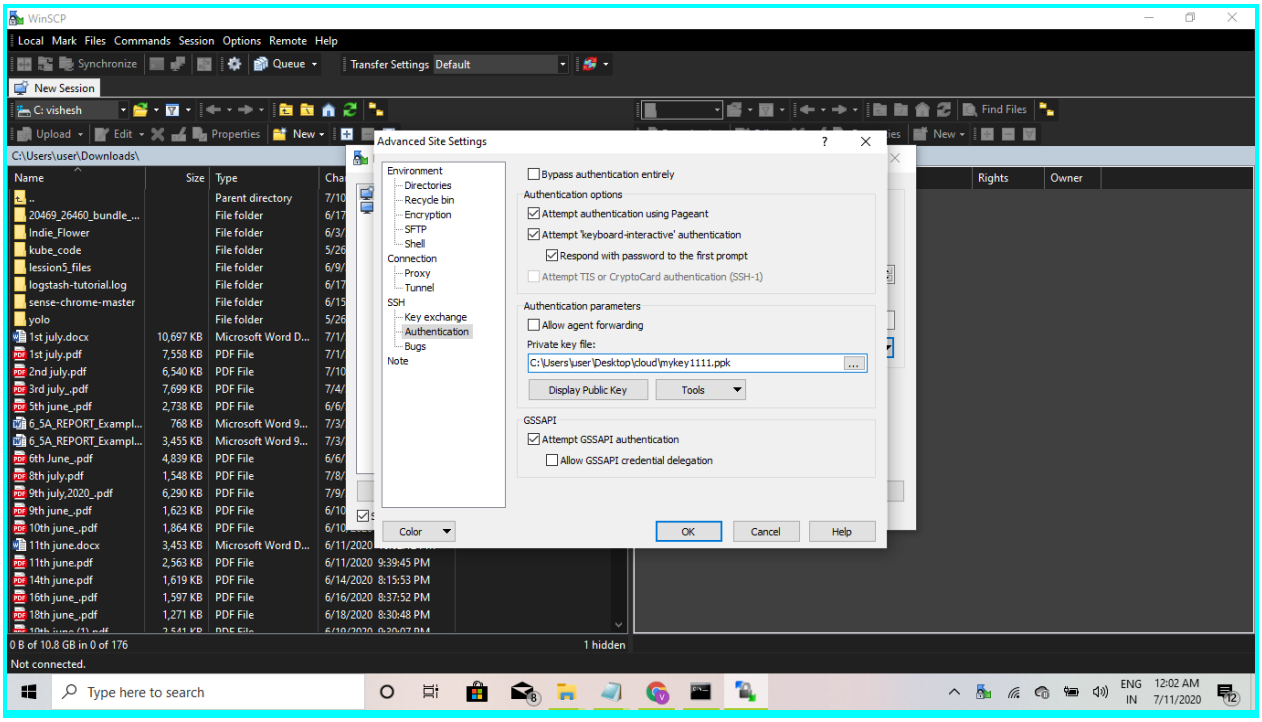
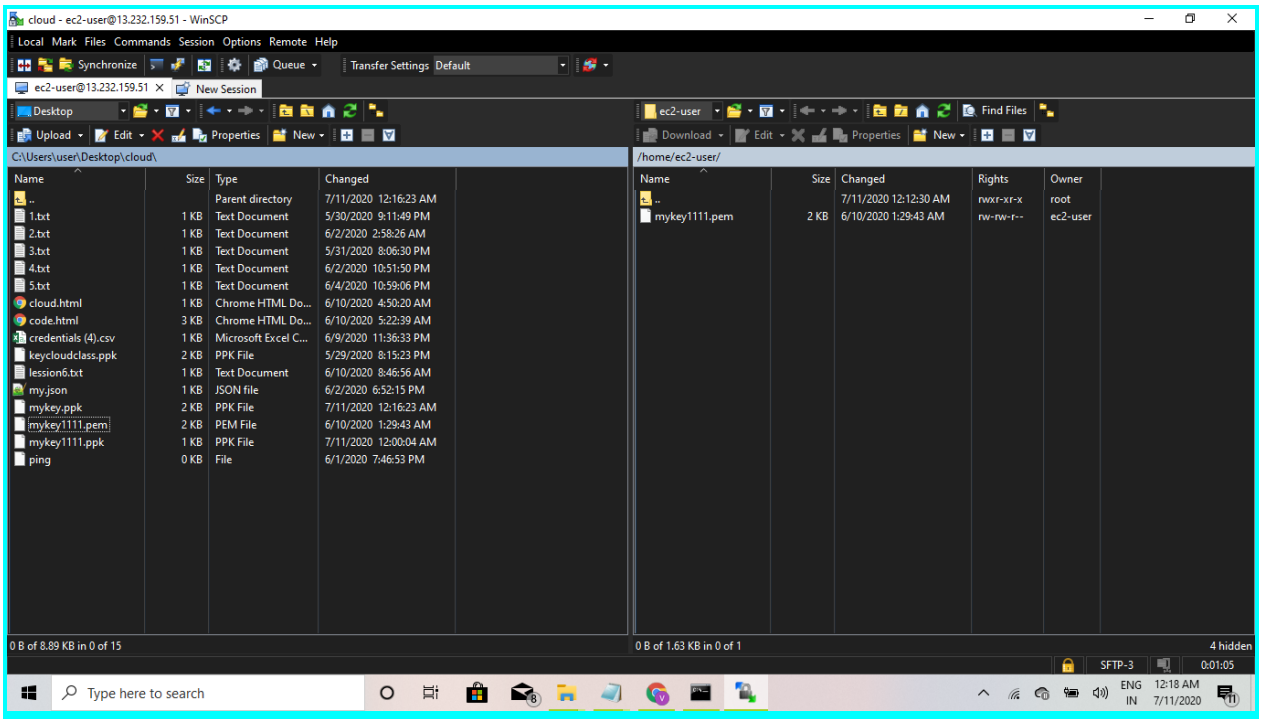
Type here to search
ENG
IN
11:45 PM
7/10/2020

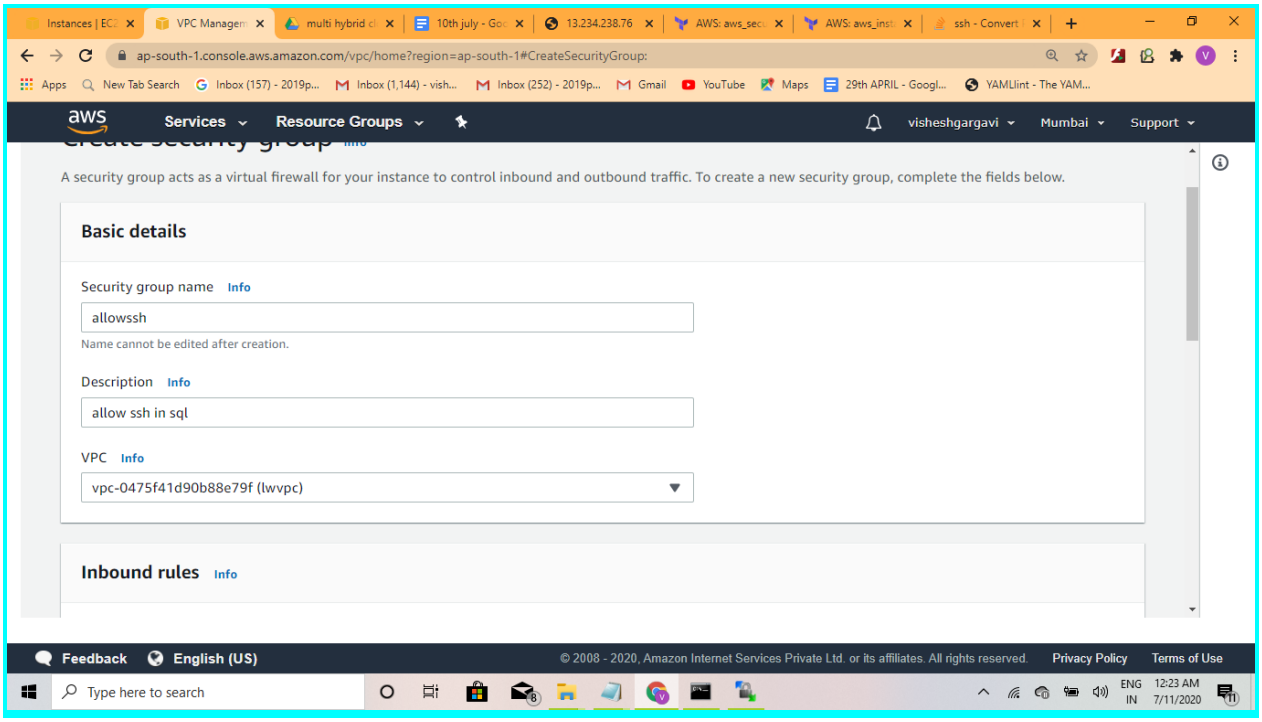

PuTTY Key Generator
File Key Conversions Help
Key
Public key for pasting into OpenSSH authorized_keys file:
Key fingerprint:
ssh-rsa 2048 c0:ed:f8:f8:41:99:fa:ff:3f:61:b5:b7:bc:d1:d9:04
Key comment:
imported-openssh-key
Key passphrase:
Confirm passphrase:
Actions
Generate a public/private key pair
Generate
Load an existing private key file
Load
Save the generated key
Save public key
Save private key
Parameters
Type of key to generate:
RSA
DSA
ECDSA
ED25519
SSH-1 (RSA)
Number of bits in a generated key:
2048
Type here to search


WinSCP
Local Mark Files Commands Session Options Remote Help
Synchronize
Queue
Transfer Settings Default
New Session
C: vishesh
Find Files
Upload
Edit
Properties
New
Download
C:\Users\user\Downloads\
Name
Size
Type
Rights
Owner
Login
New Site
root@192.168.16.3
Session
File protocol:
SFTP
Host name:
Port number:
13.235.100.17
22
User name:
Password:
ec2-user
Save
Advanced...
Tools
Manage
Login
Close
Help
Show Login dialog on startup and when the last session is closed
0 B of 10.8 GB in 0 of 176
1 hidden
Not connected.
Type here to search


WinSCP
Local Mark Files Commands Session Options Remote Help
Synchronize
Queue
Transfer Settings Default
New Session
C: vishesh
Find Files
Upload
Edit
Properties
New
C:\Users\user\Downloads\
Name
Size
Type
Rights
Owner
Advanced Site Settings
Environment
Directories
Recycle bin
Encryption
SFTP
Shell
Connection
Proxy
Tunnel
SSH
Key exchange
Authentication
Bugs
Note
Bypass authentication entirely
Authentication options
Attempt authentication using Pageant
Attempt 'keyboard-interactive' authentication
Respond with password to the first prompt
Attempt TIS or CryptoCard authentication (SSH-1)
Authentication parameters
Allow agent forwarding
Private key file:
Display Public Key
Tools
GSSAPI
Attempt GSSAPI authentication
Allow GSSAPI credential delegation
Color
OK
Cancel
Help
0 B of 10.8 GB in 0 of 176
1 hidden
Not connected.
Type here to search
ENG
IN
12:01 AM
7/11/2020


WinSCP
Local Mark Files Commands Session Options Remote Help
Synchronize
Queue
Transfer Settings Default
New Session
C: vishesh
Find Files
Upload
Edit
Properties
New
C:\Users\user\Downloads\
Name
Size
Type
Rights
Owner
Advanced Site Settings
Environment
Directories
Recycle bin
Encryption
SFTP
Shell
Connection
Proxy
Tunnel
SSH
Key exchange
Authentication
Bugs
Note
Bypass authentication entirely
Authentication options
Attempt authentication using Pageant
Attempt 'keyboard-interactive' authentication
Respond with password to the first prompt
Attempt TIS or CryptoCard authentication (SSH-1)
Authentication parameters
Allow agent forwarding
Private key file:
C:\Users\user\Desktop\cloud\mykey1111.ppk
Display Public Key
Tools
GSSAPI
Attempt GSSAPI authentication
Allow GSSAPI credential delegation
Color
OK
Cancel
Help
0 B of 10.8 GB in 0 of 176
1 hidden
Not connected.
Type here to search
ENG
IN
12:02 AM
7/11/2020


cloud - ec2-user@13.232.159.51 - WinSCP
Local Mark Files Commands Session Options Remote Help
Synchronize
Queue
Transfer Settings Default
ec2-user@13.232.159.51
New Session
Desktop
Upload
Edit
Properties
New
C:\Users\user\Desktop\cloud\
Name Size Type Changed
.. Parent directory 7/11/2020 12:16:23 AM
1.txt 1 KB Text Document 5/30/2020 9:11:49 PM
2.txt 1 KB Text Document 6/2/2020 2:58:26 AM
3.txt 1 KB Text Document 5/31/2020 8:06:30 PM
4.txt 1 KB Text Document 6/2/2020 10:51:50 PM
5.txt 1 KB Text Document 6/4/2020 10:59:06 PM
cloud.html 1 KB Chrome HTML Do... 6/10/2020 4:50:20 AM
code.html 3 KB Chrome HTML Do... 6/10/2020 5:22:39 AM
credentials (4).csv 1 KB Microsoft Excel C... 6/9/2020 11:36:33 PM
keycloudclass.ppk 2 KB PPK File 5/29/2020 8:15:23 PM
lession6.txt 1 KB Text Document 6/10/2020 8:46:56 AM
my.json 1 KB JSON file 6/2/2020 6:52:15 PM
mykey.ppk 2 KB PPK File 7/11/2020 12:16:23 AM
mykey1111.pem 2 KB PEM File 6/10/2020 1:29:43 AM
mykey1111.ppk 1 KB PPK File 7/11/2020 12:00:04 AM
ping 0 KB File 6/1/2020 7:46:53 PM
0 B of 8.89 KB in 0 of 15
ec2-user
Find Files
Download
Edit
Properties
New
/home/ec2-user/
Name Size Changed Rights Owner
.. 7/11/2020 12:12:30 AM rwxr-xr-x root
mykey1111.pem 2 KB 6/10/2020 1:29:43 AM rw-rw-r-- ec2-user
0 B of 1.63 KB in 0 of 1
4 hidden
SFTP-3
0:01:05
Type here to search
ENG IN 12:18 AM 7/11/2020


ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSecurityGroup:
Apps
New Tab Search
Inbox (157) - 2019p...
Inbox (1,144) - vish...
Inbox (252) - 2019p...
Gmail
YouTube
Maps
29th APRIL - Googl...
YAMLint - The YAM...
aws
Services
Resource Groups
visheshgargavi
Mumbai
Support
A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.
Basic details
Security group name Info
allowssh
Name cannot be edited after creation.
Description Info
allow ssh in sql
VPC Info
vpc-0475f41d90b88e79f (lwvpc)
Inbound rules Info
Feedback
English (US)
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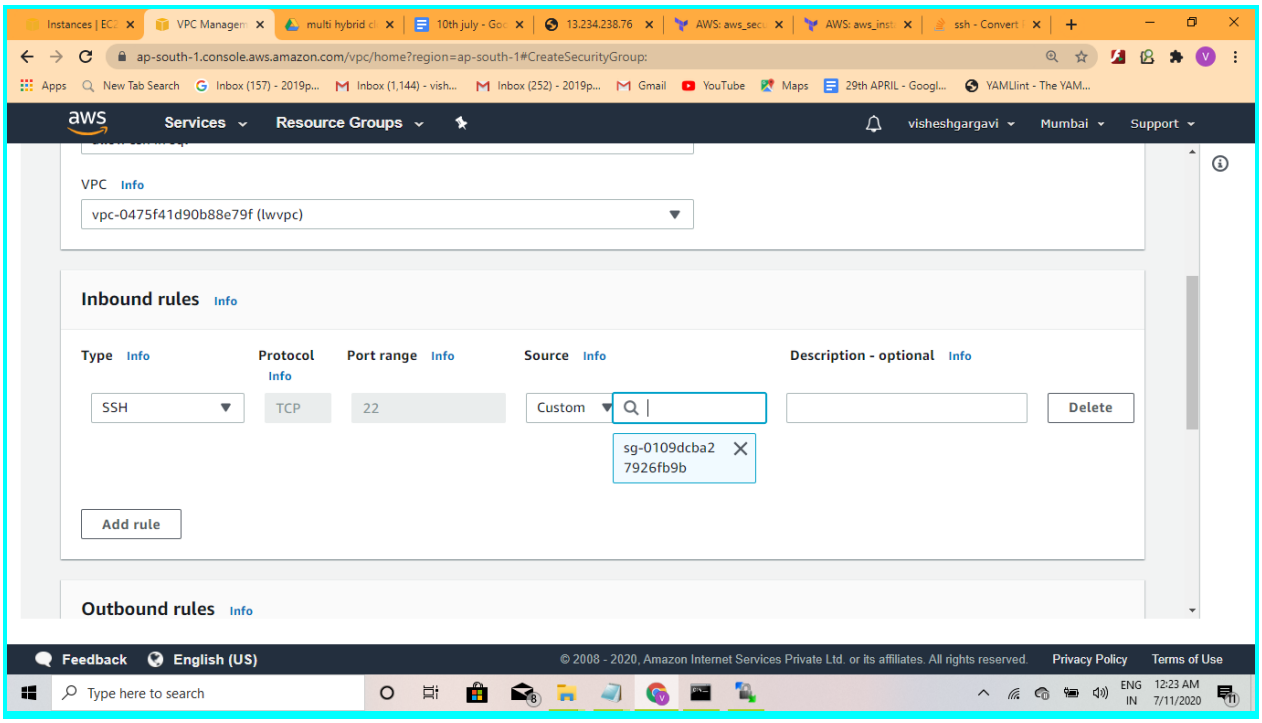
Type here to search
ENG IN 12:23 AM 7/11/2020


ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateSecurityGroup:
Services
Resource Groups
visheshgargavi
Mumbai
Support
VPC Info
vpc-0475f41d90b88e79f (lwvpc)
Inbound rules Info
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
SSH
TCP
22
Custom
sg-0109dcba2
7926fb9b
Delete
Add rule
Outbound rules Info
Feedback
English (US)
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IN
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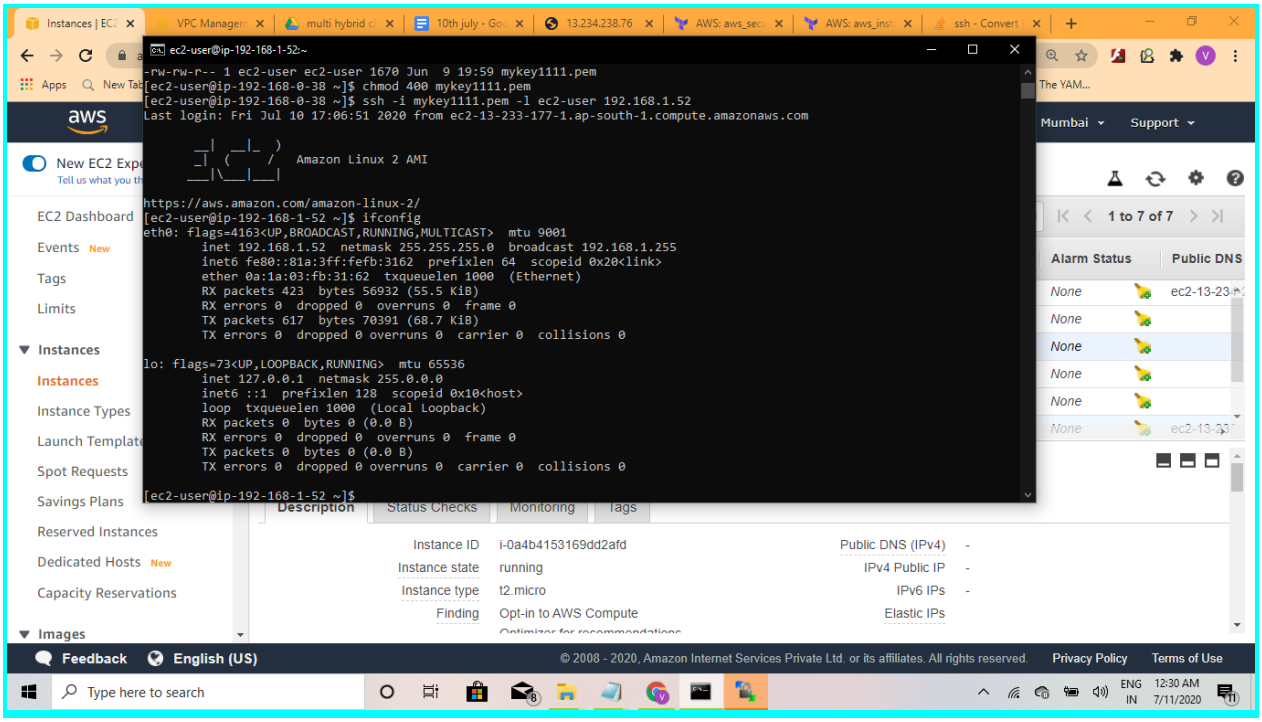
7/11/2020


ec2-user@ip-192-168-1-52:~
-rw-rw-r-- 1 ec2-user ec2-user 1670 Jun 9 19:59 mykey1111.pem
[ec2-user@ip-192-168-0-38 ~]$ chmod 400 mykey1111.pem
[ec2-user@ip-192-168-0-38 ~]$ ssh -i mykey1111.pem -l ec2-user 192.168.1.52
Last login: Fri Jul 10 17:06:51 2020 from ec2-13-233-177-1.ap-south-1.compute.amazonaws.com
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-1-52 ~]$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 9001
inet 192.168.1.52 netmask 255.255.255.0 broadcast 192.168.1.255
inet6 fe80::81a:3ff:fefb:3162 prefixlen 64 scopeid 0x20<link>
ether 0a:1a:03:fb:31:62 txqueuelen 1000 (Ethernet)
RX packets 423 bytes 56932 (55.5 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 617 bytes 70391 (68.7 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scopeid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 0 bytes 0 (0.0 B)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 0 bytes 0 (0.0 B)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0
[ec2-user@ip-192-168-1-52 ~]$
EC2 Dashboard
Events New
Tags
Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
1 to 7 of 7
Alarm Status
Public DNS
Description
Status Checks
Monitoring
Tags
Instance ID
i-0a4b4153169dd2afd
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute
Public DNS (IPv4)
IPv4 Public IP
IPv6 IPs
Elastic IPs
Feedback
English (US)
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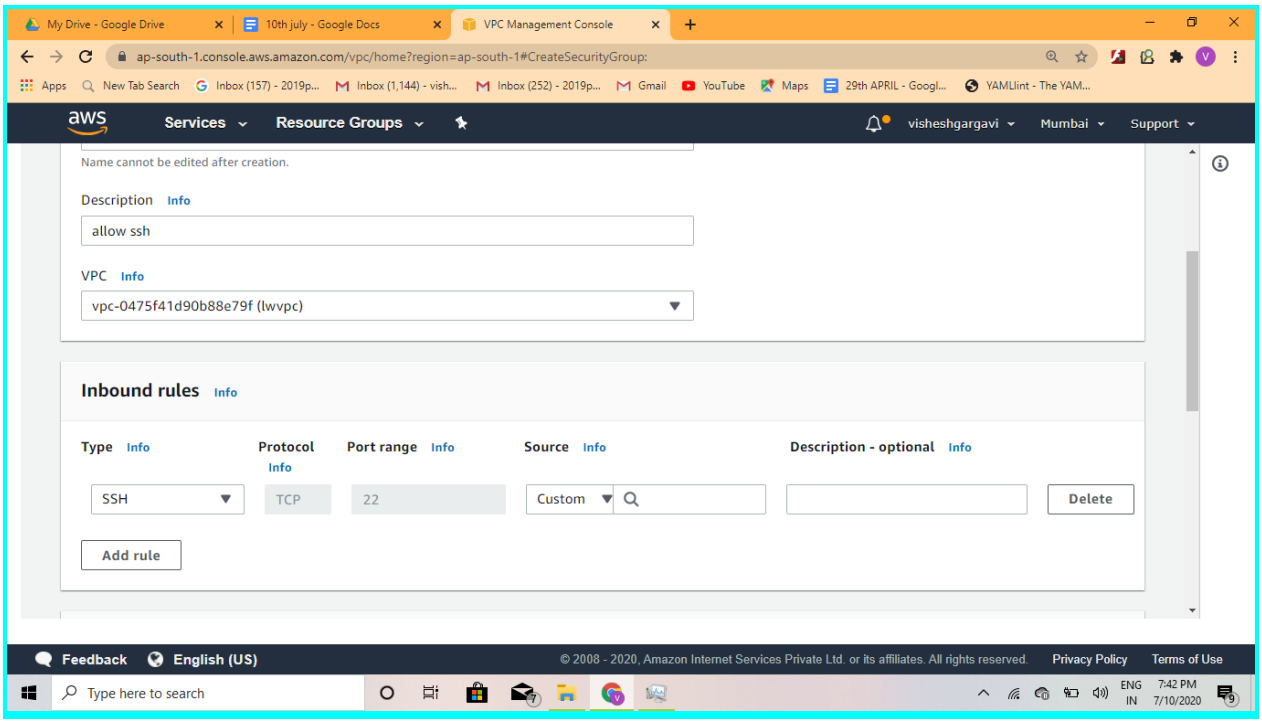
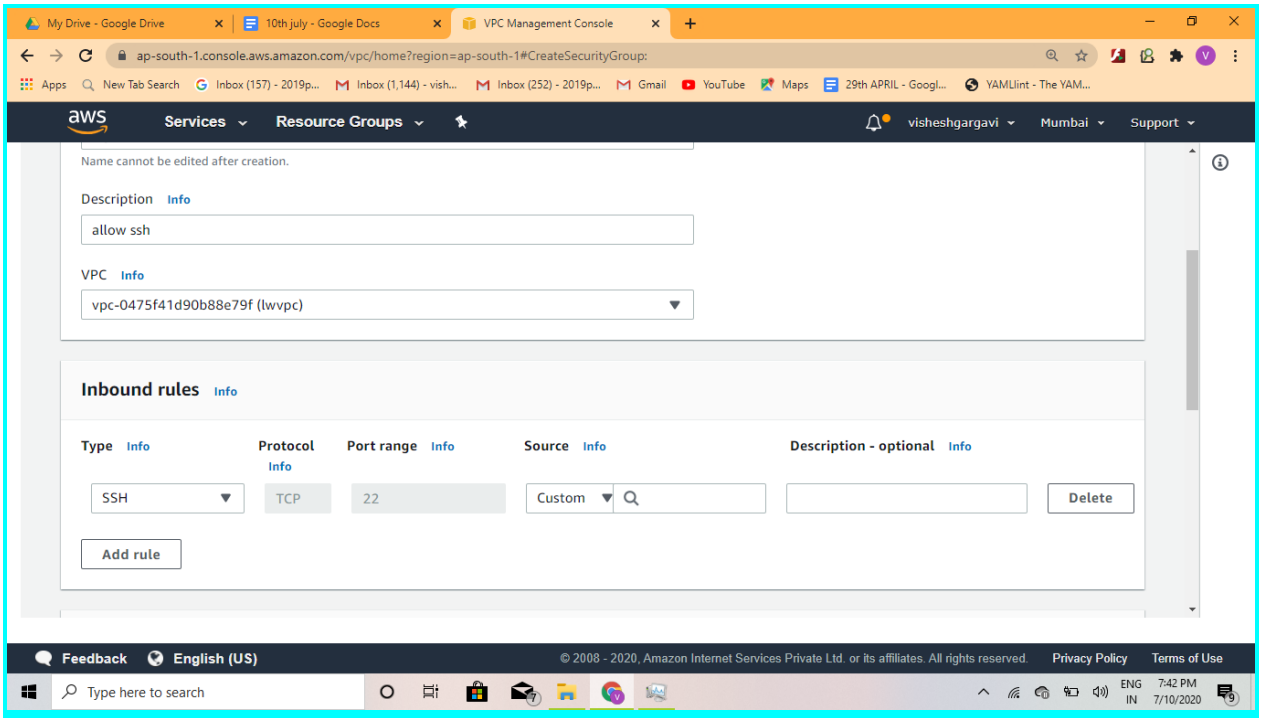




bastion host or jump host

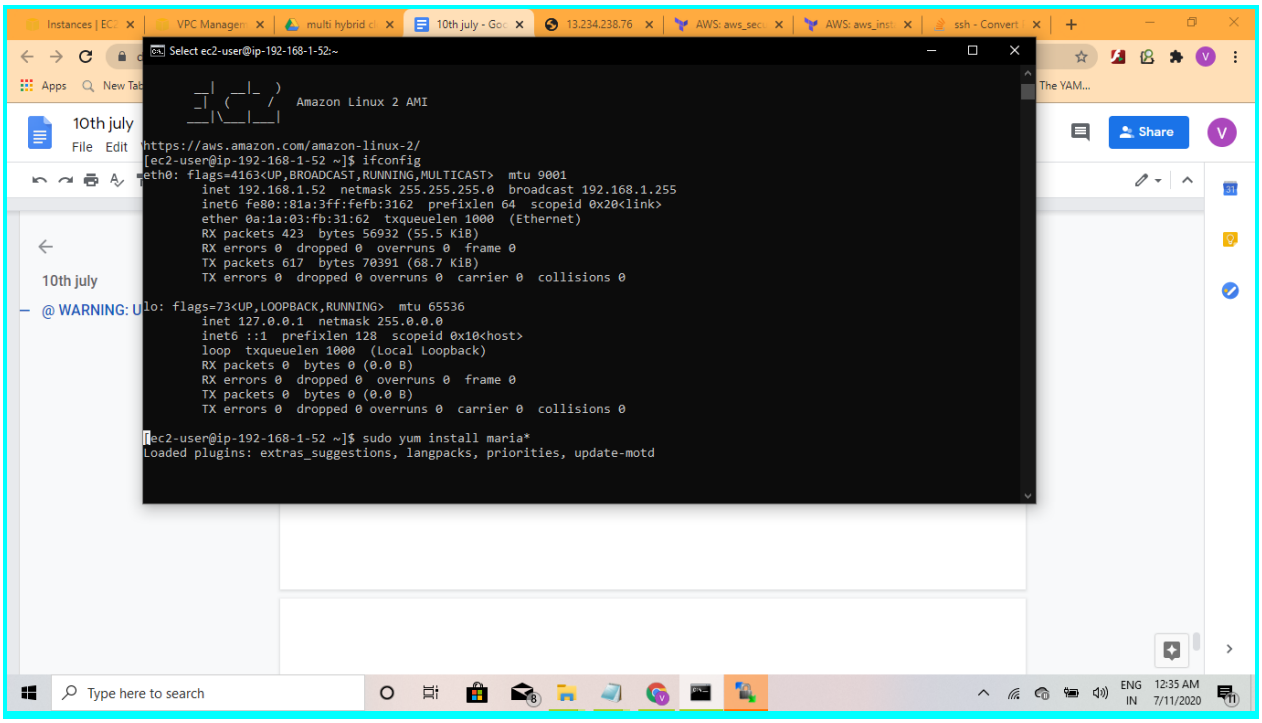
C:\Users\user>cd Desktop

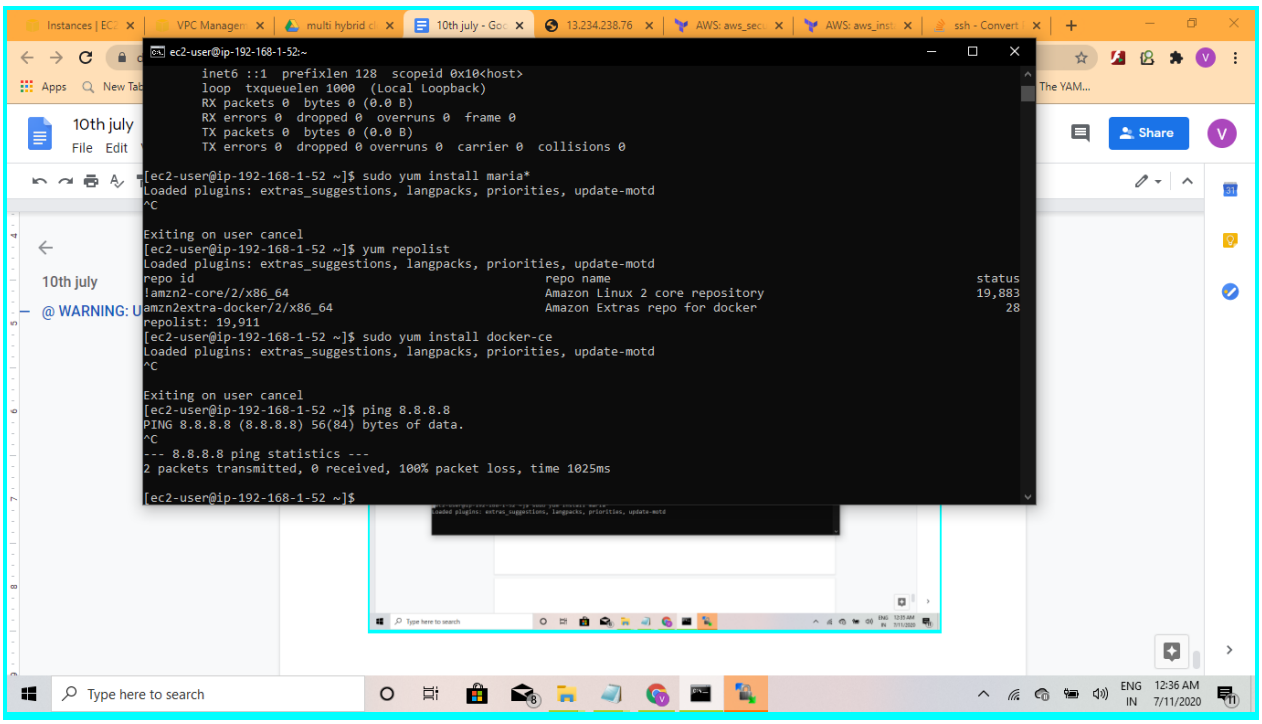
C:\Users\user\Desktop>cd cloud

```
C:\Users\user\Desktop\cloud>ssh -i mykey1111.pem -l ec2-user 13.235.100.17
The authenticity of host '13.235.100.17 (13.235.100.17)' can't be established.
ECDSA key fingerprint is
SHA256:3MXhrY6v5mt2+QuZLfl0GkjloHpZkSOaipCO+zbOyzY.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '13.235.100.17' (ECDSA) to the list of known hosts.

       __|  __|_  )

       __|  __|_  )
       _|  (     /   Amazon Linux 2 AMI
      ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
9 package(s) needed for security, out of 16 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-0-44 ~]$ sudo su - root
[root@ip-192-168-0-44 ~]# ping 192.168.0.44
PING 192.168.0.44 (192.168.0.44) 56(84) bytes of data.
64 bytes from 192.168.0.44: icmp_seq=1 ttl=255 time=0.019 ms
64 bytes from 192.168.0.44: icmp_seq=2 ttl=255 time=0.028 ms
64 bytes from 192.168.0.44: icmp_seq=3 ttl=255 time=0.027 ms
^C
--- 192.168.0.44 ping statistics ---
3 packets transmitted, 3 received, 0% packet loss, time 2035ms
rtt min/avg/max/mdev = 0.019/0.024/0.028/0.007 ms
[root@ip-192-168-0-44 ~]# ping 192.168.1.27
PING 192.168.1.27 (192.168.1.27) 56(84) bytes of data.
^C
--- 192.168.1.27 ping statistics ---
5 packets transmitted, 0 received, 100% packet loss, time 4088ms
C:\Users\user\Desktop\cloud>ssh -i mykey1111.pem -l ec2-user 13.232.159.51
The authenticity of host '13.232.159.51 (13.232.159.51)' can't be established.
ECDSA key fingerprint is
SHA256:SYUffEKFVAZsBPrea2zkZu7s8r3JS5TVq71vu0Yl1dA.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '13.232.159.51' (ECDSA) to the list of known hosts.

       __|  __|_  )
```

```
      _|  (     /   Amazon Linux 2 AMI
     ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
9 package(s) needed for security, out of 16 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-192-168-0-38 ~]$ ls
mykey1111.pem
[ec2-user@ip-192-168-0-38 ~]$ ssh 192.168.1.27
^C
[ec2-user@ip-192-168-0-38 ~]$ ssh -i mykey1111.pem 192.168.1.27
ssh: connect to host 192.168.1.27 port 22: Connection timed out
[ec2-user@ip-192-168-0-38 ~]$ ssh -i mykey1111.pem 192.168.1.52
The authenticity of host '192.168.1.52 (192.168.1.52)' can't be established.
ECDSA key fingerprint is
SHA256:skHxB6uNTPNMPqlk2wl2qa6P9+H17dsytjlSM3S/GyU.
ECDSA key fingerprint is MD5:1f:06:ca:75:29:22:0e:cb:f6:9a:a9:38:16:08:a4:13.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.1.52' (ECDSA) to the list of known hosts.
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@@@@@@@@@@@@@@@@@@@@@
@         WARNING: UNPROTECTED PRIVATE KEY FILE!          @
@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@@
@@@@@@@@@@@@@@@@@@@@@
Permissions 0664 for 'mykey1111.pem' are too open.
It is required that your private key files are NOT accessible by others.
This private key will be ignored.
Load key "mykey1111.pem": bad permissions
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[ec2-user@ip-192-168-0-38 ~]$ ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1670 Jun  9 19:59 mykey1111.pem
[ec2-user@ip-192-168-0-38 ~]$ chmod 400 mykey1111.pem
[ec2-user@ip-192-168-0-38 ~]$ ssh -i mykey1111.pem -l ec2-user 192.168.1.52
Last login: Fri Jul 10 17:06:51 2020 from
ec2-13-233-177-1.ap-south-1.compute.amazonaws.com

      __|  __|_  )
      _|  (     /   Amazon Linux 2 AMI
```

```
       ___|\___|___|

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-1-52 ~]$ ifconfig
eth0: flags=4163<UP,BROADCAST,RUNNING,MULTICAST>  mtu 9001
        inet 192.168.1.52  netmask 255.255.255.0  broadcast 192.168.1.255
        inet6 fe80::81a:3ff:fefb:3162  prefixlen 64  scopeid 0x20<link>
        ether 0a:1a:03:fb:31:62  txqueuelen 1000  (Ethernet)
        RX packets 423  bytes 56932 (55.5 KiB)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 617  bytes 70391 (68.7 KiB)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING>  mtu 65536
        inet 127.0.0.1  netmask 255.0.0.0
        inet6 ::1  prefixlen 128  scopeid 0x10<host>
        loop  txqueuelen 1000  (Local Loopback)
        RX packets 0  bytes 0 (0.0 B)
        RX errors 0  dropped 0  overruns 0  frame 0
        TX packets 0  bytes 0 (0.0 B)
        TX errors 0  dropped 0 overruns 0  carrier 0  collisions 0
```





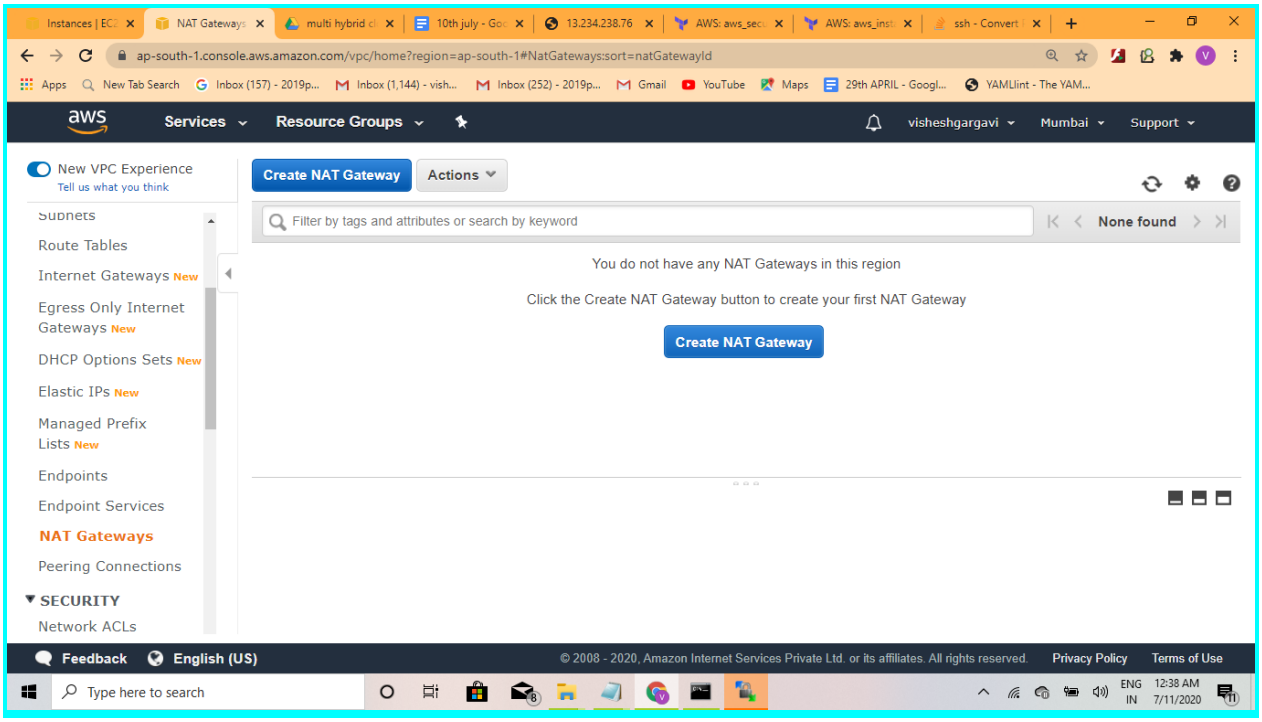
[ec2-user@ip-192-168-1-52 ~]$ sudo yum install maria*
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
^C

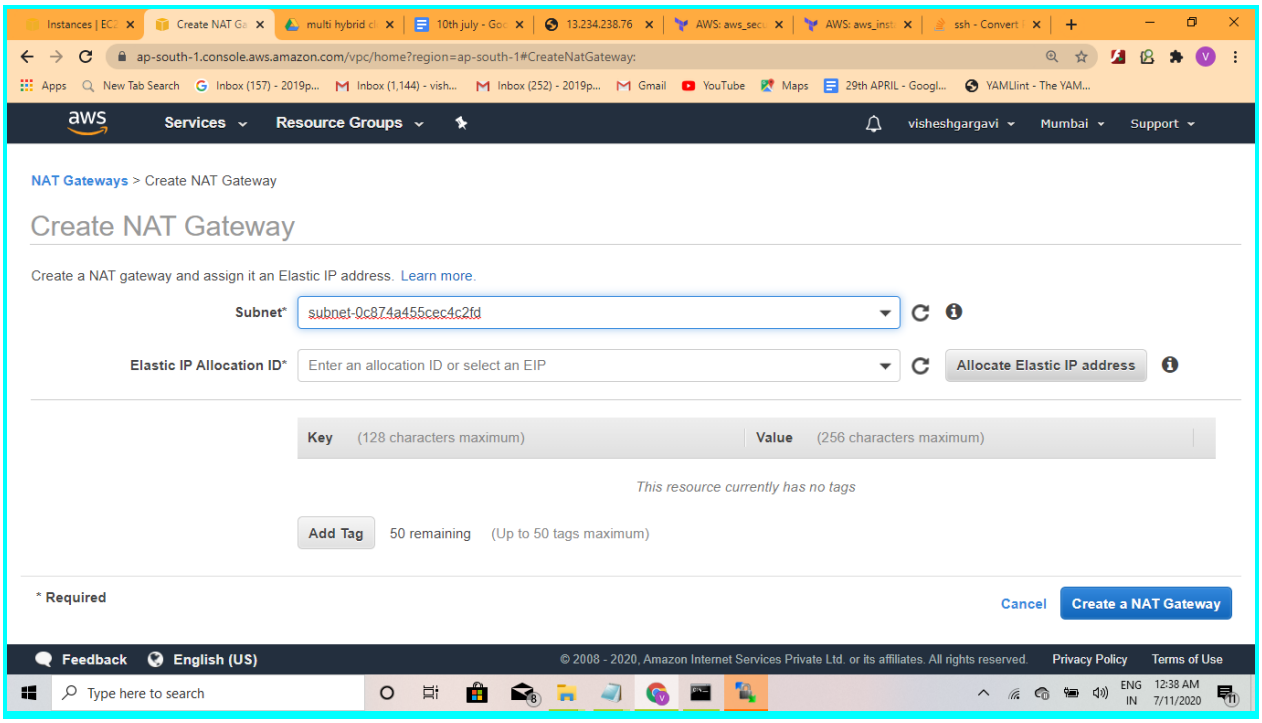
Exiting on user cancel
[ec2-user@ip-192-168-1-52 ~]$ yum repolist

Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
repo id repo name status
!amzn2-core/2/x86_64 Amazon Linux 2 core repository 19,883
amzn2extra-docker/2/x86_64 Amazon Extras repo for docker 28
repolist: 19,911
[ec2-user@ip-192-168-1-52 ~]$ sudo yum install docker-ce
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
^C

Exiting on user cancel
[ec2-user@ip-192-168-1-52 ~]$ ping 8.8.8.8
PING 8.8.8.8 (8.8.8.8) 56(84) bytes of data.
^C
--- 8.8.8.8 ping statistics ---
2 packets transmitted, 0 received, 100% packet loss, time 1025ms

Source nating:




ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateNatGateway:
Services
Resource Groups
visheshgargavi
Mumbai
Support
NAT Gateways > Create NAT Gateway
Create NAT Gateway
Create a NAT gateway and assign it an Elastic IP address. Learn more.
Subnet*
subnet-0c874a455cec4c2fd
Elastic IP Allocation ID*
Enter an allocation ID or select an EIP
Allocate Elastic IP address
Key (128 characters maximum)
Value (256 characters maximum)
This resource currently has no tags
Add Tag
50 remaining
(Up to 50 tags maximum)
* Required
Cancel
Create a NAT Gateway
Feedback
English (US)
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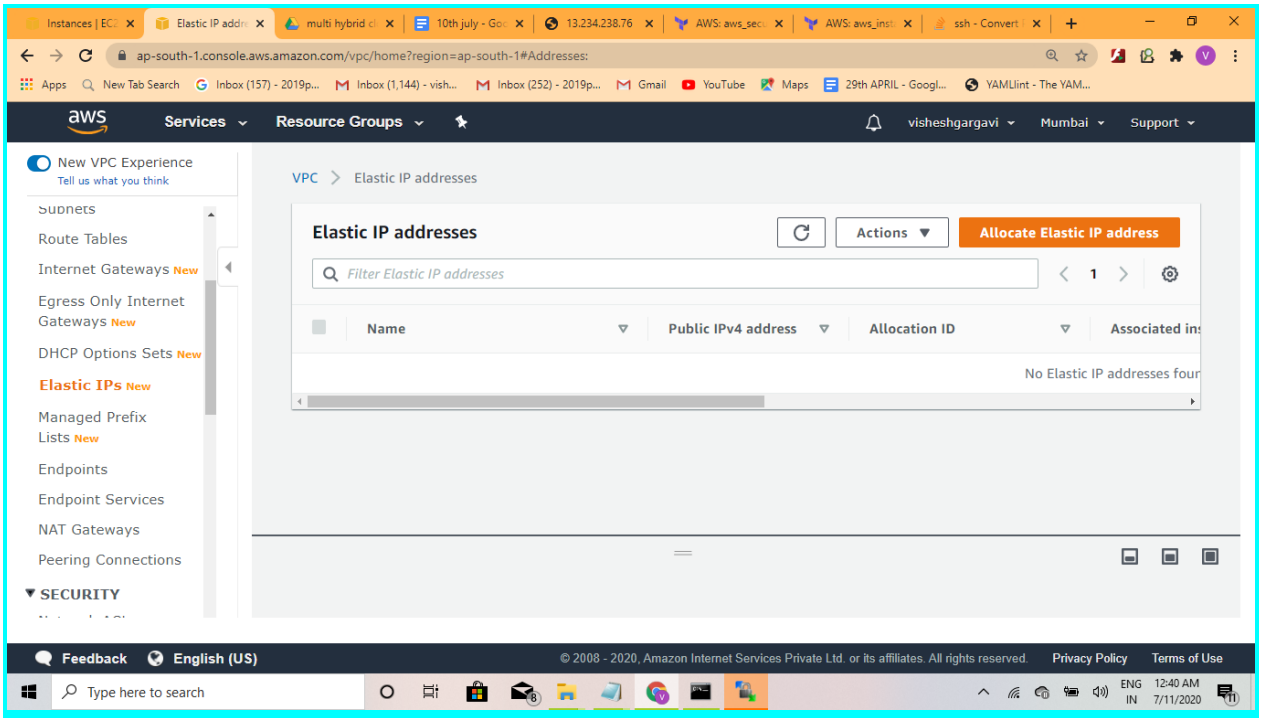
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Addresses:
Services
Resource Groups
visheshgargavi
Mumbai
Support
New VPC Experience
Tell us what you think
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Managed Prefix Lists New
Endpoints
Endpoint Services
NAT Gateways
Peering Connections
SECURITY
VPC > Elastic IP addresses
Elastic IP addresses
Actions
Allocate Elastic IP address
Filter Elastic IP addresses
Name
Public IPv4 address
Allocation ID
No Elastic IP addresses four
Feedback
English (US)
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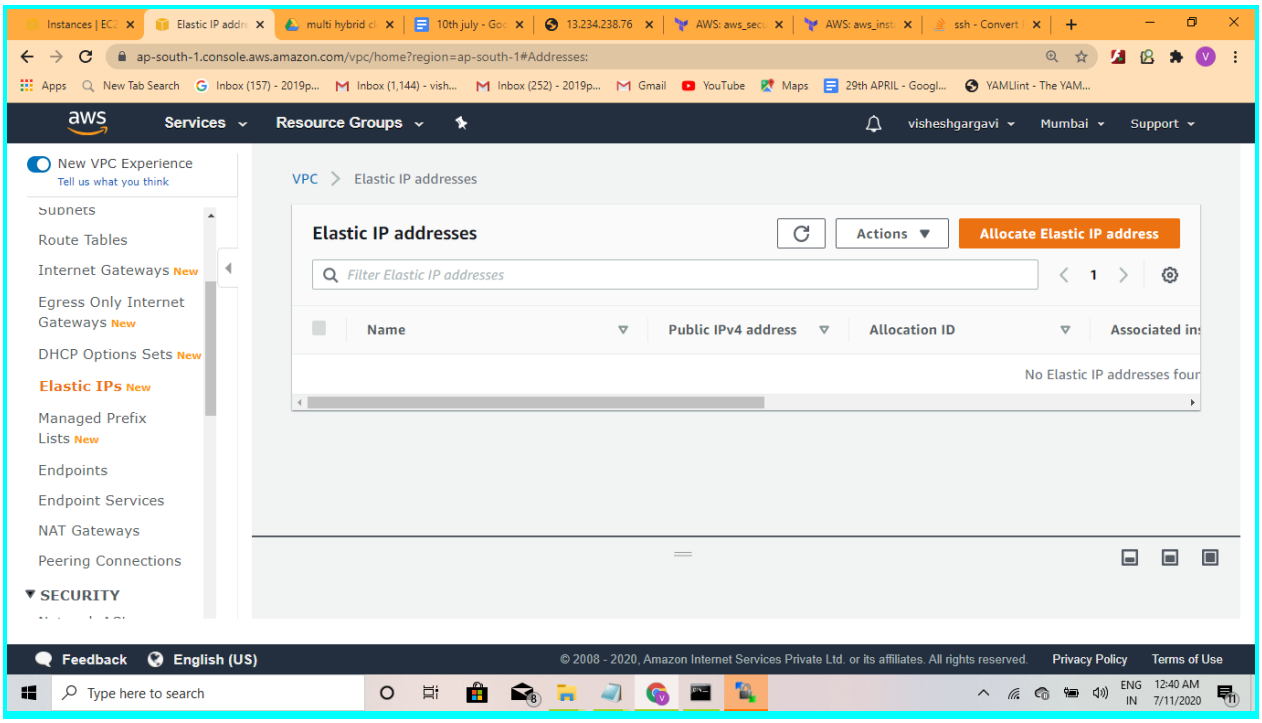
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#Addresses:
Services
Resource Groups
visheshgargavi
Mumbai
Support
New VPC Experience
Tell us what you think
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Managed Prefix Lists New
Endpoints
Endpoint Services
NAT Gateways
Peering Connections
SECURITY
VPC > Elastic IP addresses
Elastic IP addresses
Actions
Allocate Elastic IP address
Filter Elastic IP addresses
Name
Public IPv4 address
Allocation ID
Associated ins
No Elastic IP addresses four
Feedback
English (US)
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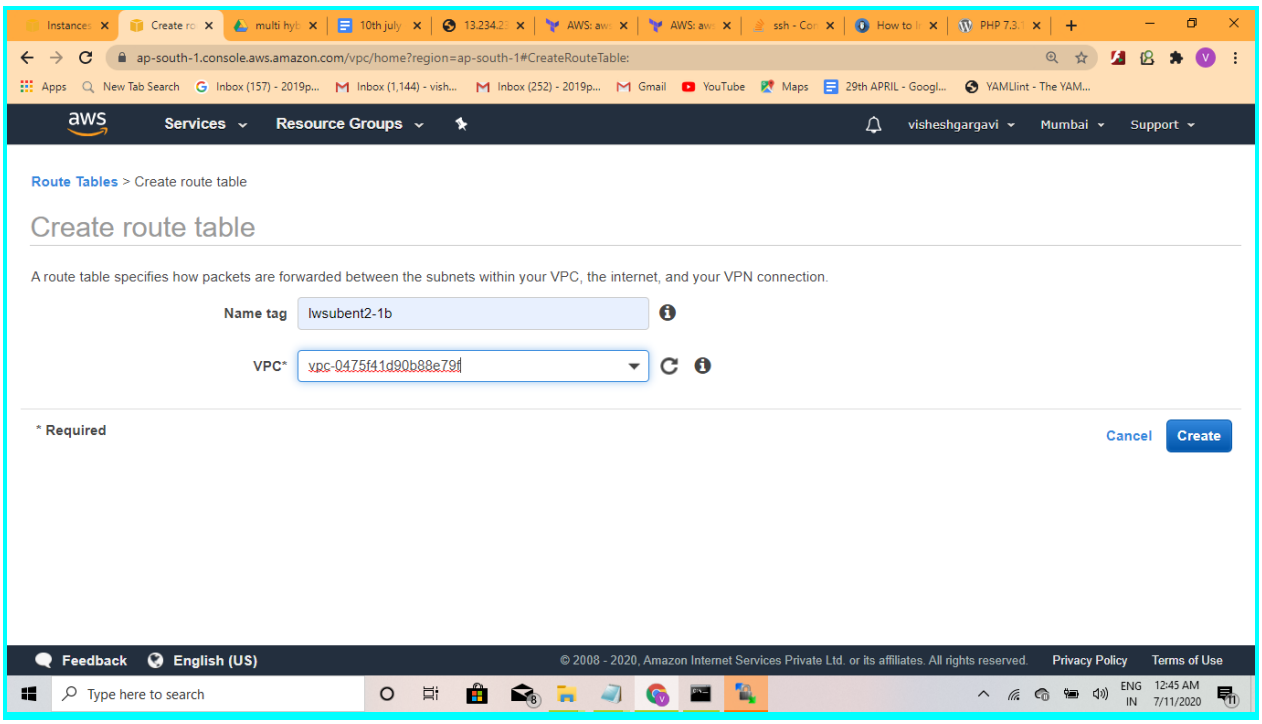
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#CreateRouteTable:
Services
Resource Groups
visheshgargavi
Mumbai
Support
Route Tables > Create route table
Create route table
A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.
Name tag
lwsubent2-1b
VPC*
vpc-0475f41d90b88e79f
* Required
Cancel
Create
Feedback
English (US)
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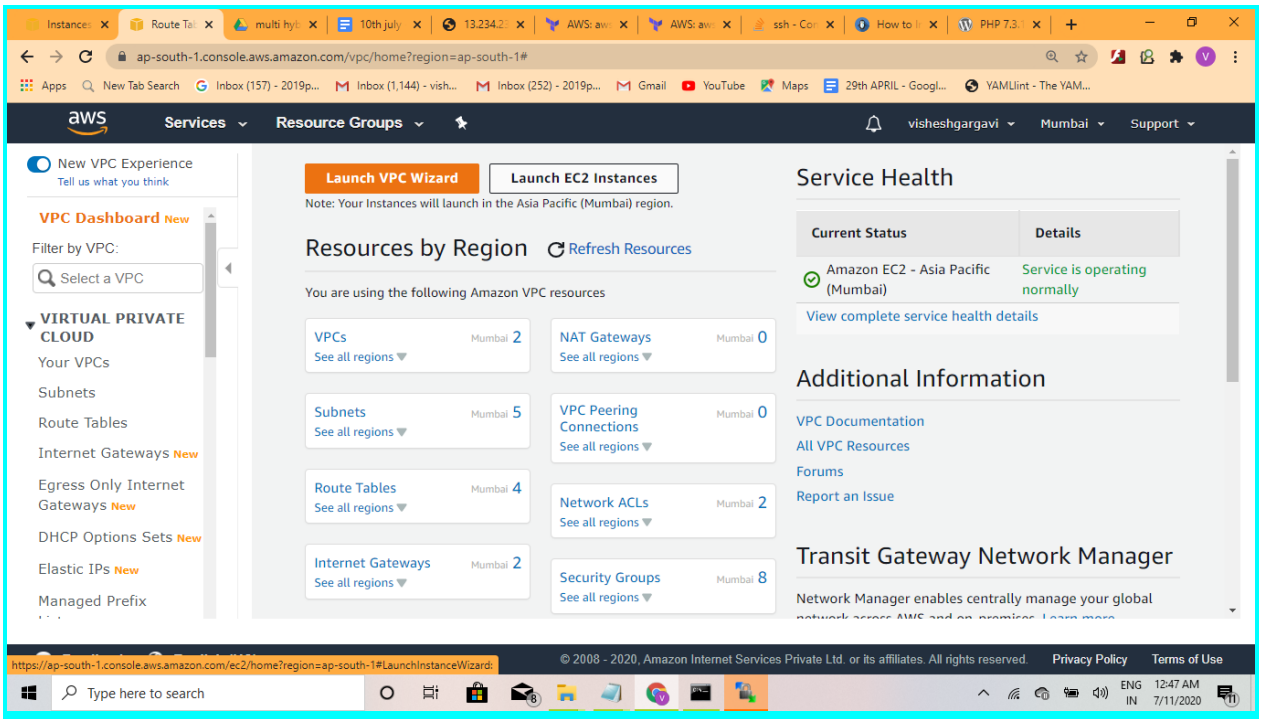
ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#
Services
Resource Groups
visheshgargavi
Mumbai
Support
New VPC Experience
Tell us what you think
VPC Dashboard New
Filter by VPC:
Select a VPC
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Managed Prefix
Launch VPC Wizard
Launch EC2 Instances
Note: Your Instances will launch in the Asia Pacific (Mumbai) region.
Resources by Region
Refresh Resources
You are using the following Amazon VPC resources
VPCs Mumbai 2
See all regions
NAT Gateways Mumbai 0
Subnets Mumbai 5
VPC Peering Connections Mumbai 0
Route Tables Mumbai 4
Network ACLs Mumbai 2
Internet Gateways Mumbai 2
Security Groups Mumbai 8
Service Health
Current Status
Details
Amazon EC2 - Asia Pacific (Mumbai)
Service is operating normally
View complete service health details
Additional Information
VPC Documentation
All VPC Resources
Forums
Report an Issue
Transit Gateway Network Manager
Network Manager enables centrally manage your global
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https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstanceWizard:
Type here to search
ENG IN
12:47 AM 7/11/2020


ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#wizardSelector:
Services
Resource Groups
visheshgargavi
Mumbai
Support
Step 1: Select a VPC Configuration
VPC with a Single Public Subnet
VPC with Public and Private Subnets
VPC with Public and Private Subnets and Hardware VPN Access
VPC with a Private Subnet Only and Hardware VPN Access
In addition to containing a public subnet, this configuration adds a private subnet whose instances are not addressable from the Internet. Instances in the private subnet can establish outbound connections to the Internet via the public subnet using Network Address Translation (NAT).
Creates:
A /16 network with two /24 subnets. Public subnet instances use Elastic IPs to access the Internet. Private subnet instances access the Internet via Network Address Translation (NAT). (Hourly charges for NAT devices apply.)
Select
Internet, S3, DynamoDB, SNS, SQS, etc.
Amazon Virtual Private Cloud
Public Subnet
Private Subnet
NAT
Cancel and Exit
Feedback
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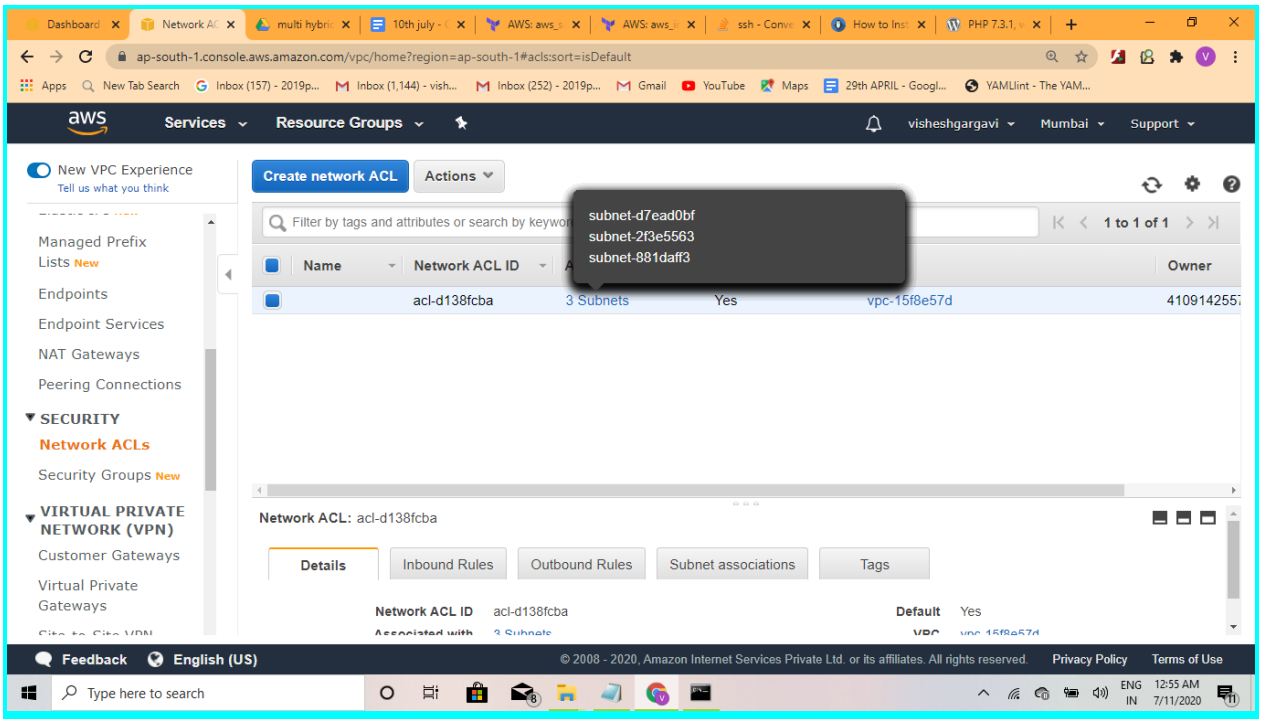
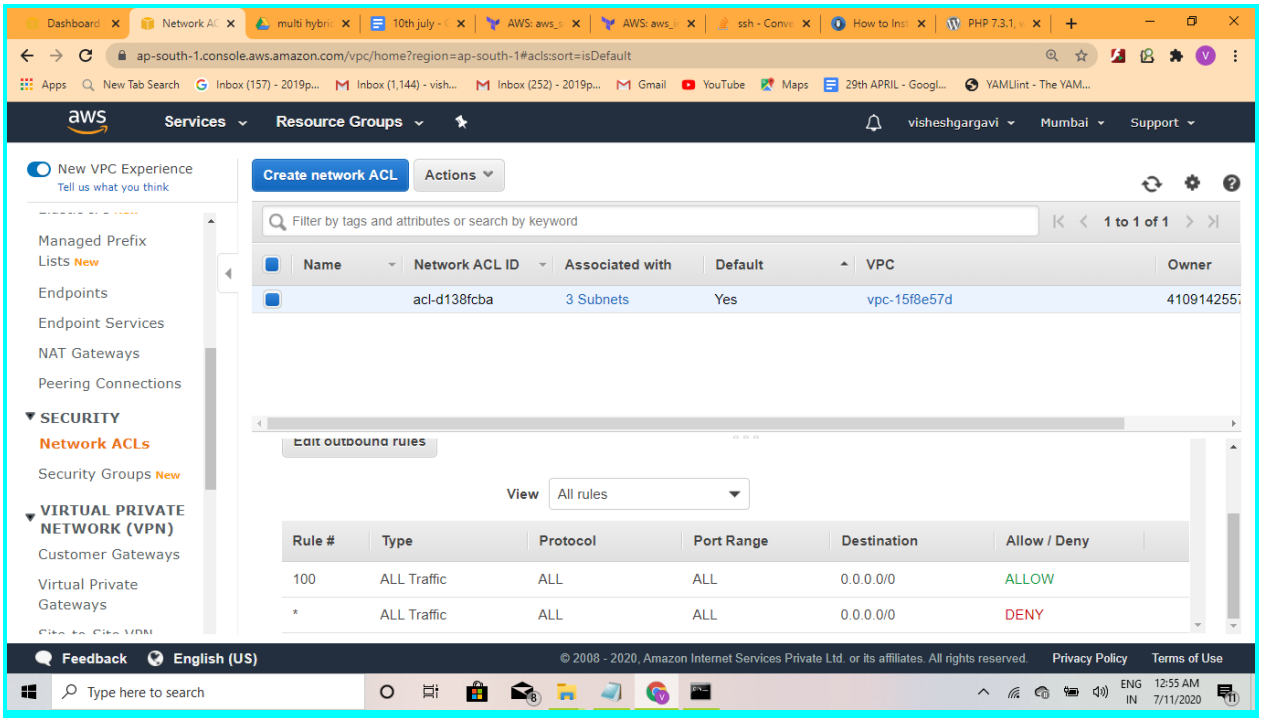
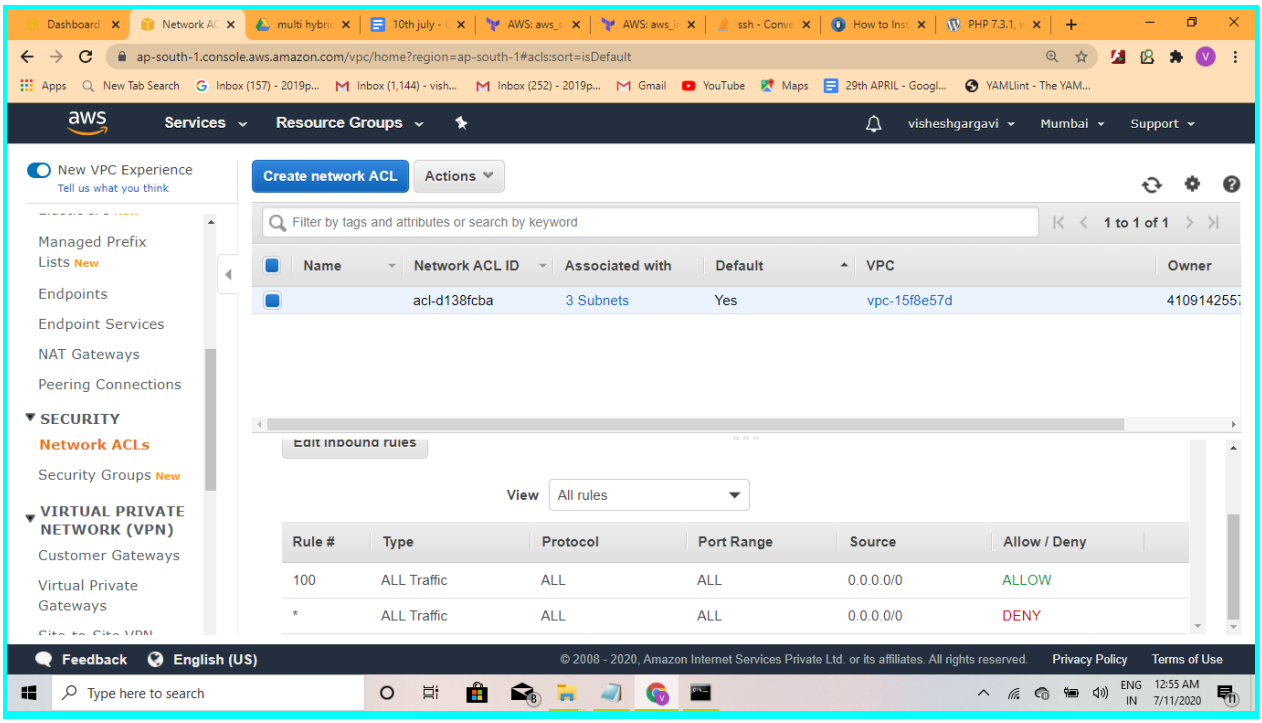

Create network ACL
Actions
subnet-d7ead0bf
subnet-2f3e5563
subnet-881daff3
Name
Network ACL ID
Owner
acl-d138fcba
3 Subnets
Yes
vpc-15f8e57d
Network ACL: acl-d138fcba
Details
Inbound Rules
Outbound Rules
Subnet associations
Tags
Network ACL ID
acl-d138fcba
Default
Yes


Create network ACL
Actions
Name
Network ACL ID
Associated with
Default
VPC
Owner
acl-d138fcba
3 Subnets
Yes
vpc-15f8e57d
Edit outbound rules
View
All rules
Rule #
Type
Protocol
Port Range
Destination
Allow / Deny
100
ALL Traffic
ALL
ALL
0.0.0.0/0
ALLOW
*
ALL Traffic
ALL
ALL
0.0.0.0/0
DENY


ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#acls:sort=isDefault
Services
Resource Groups
visheshgargavi
Mumbai
Support
New VPC Experience
Tell us what you think
Create network ACL
Actions
Filter by tags and attributes or search by keyword
1 to 1 of 1
Managed Prefix Lists New
Endpoints
Endpoint Services
NAT Gateways
Peering Connections
SECURITY
Network ACLs
Security Groups New
VIRTUAL PRIVATE NETWORK (VPN)
Customer Gateways
Virtual Private Gateways
Name
Network ACL ID
Associated with
Default
VPC
Owner
acl-d138fcba
3 Subnets
Yes
vpc-15f8e57d
Edit inbound rules
View
All rules
Rule #
Type
Protocol
Port Range
Source
Allow / Deny
100
ALL Traffic
ALL
ALL
0.0.0.0/0
ALLOW
*
ALL Traffic
ALL
ALL
0.0.0.0/0
DENY
Feedback
English (US)
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ENG
IN
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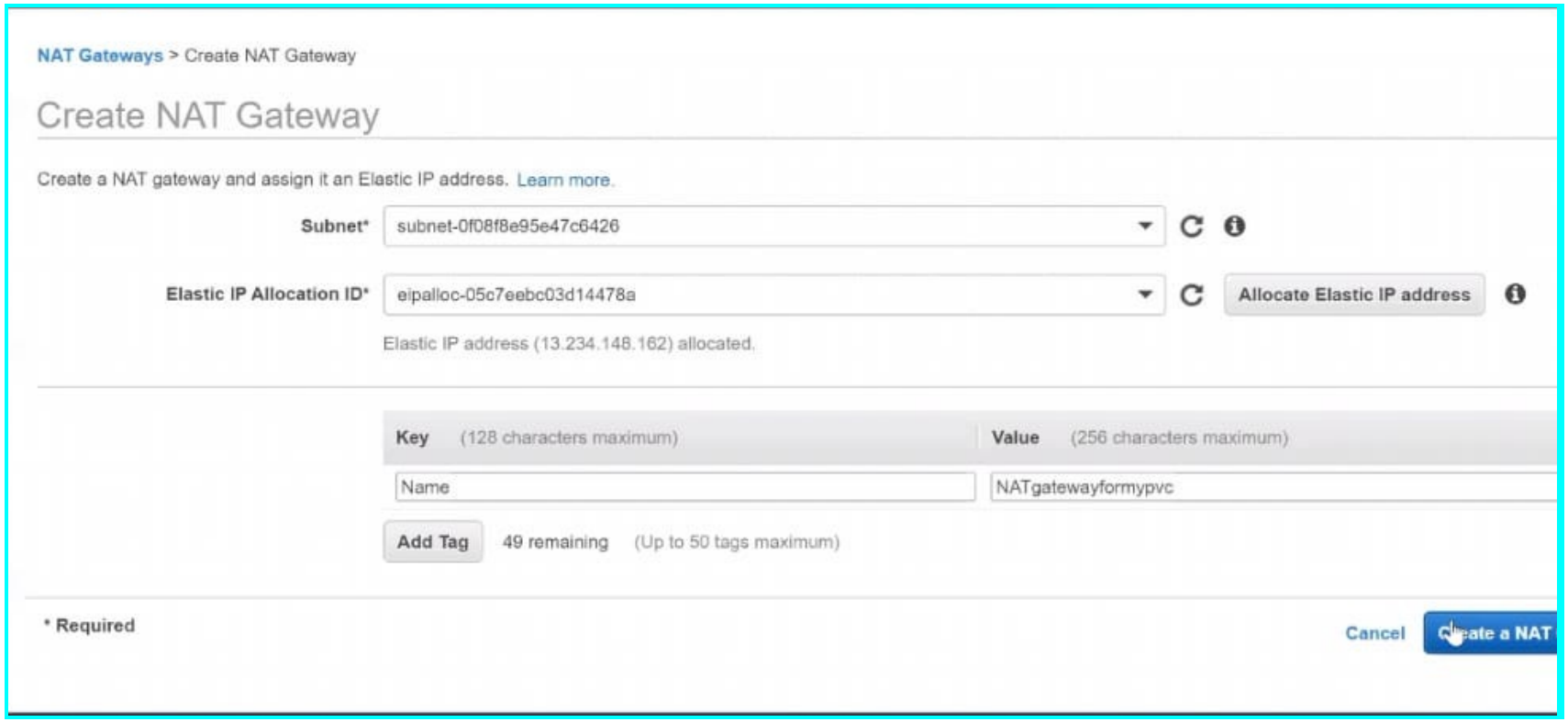
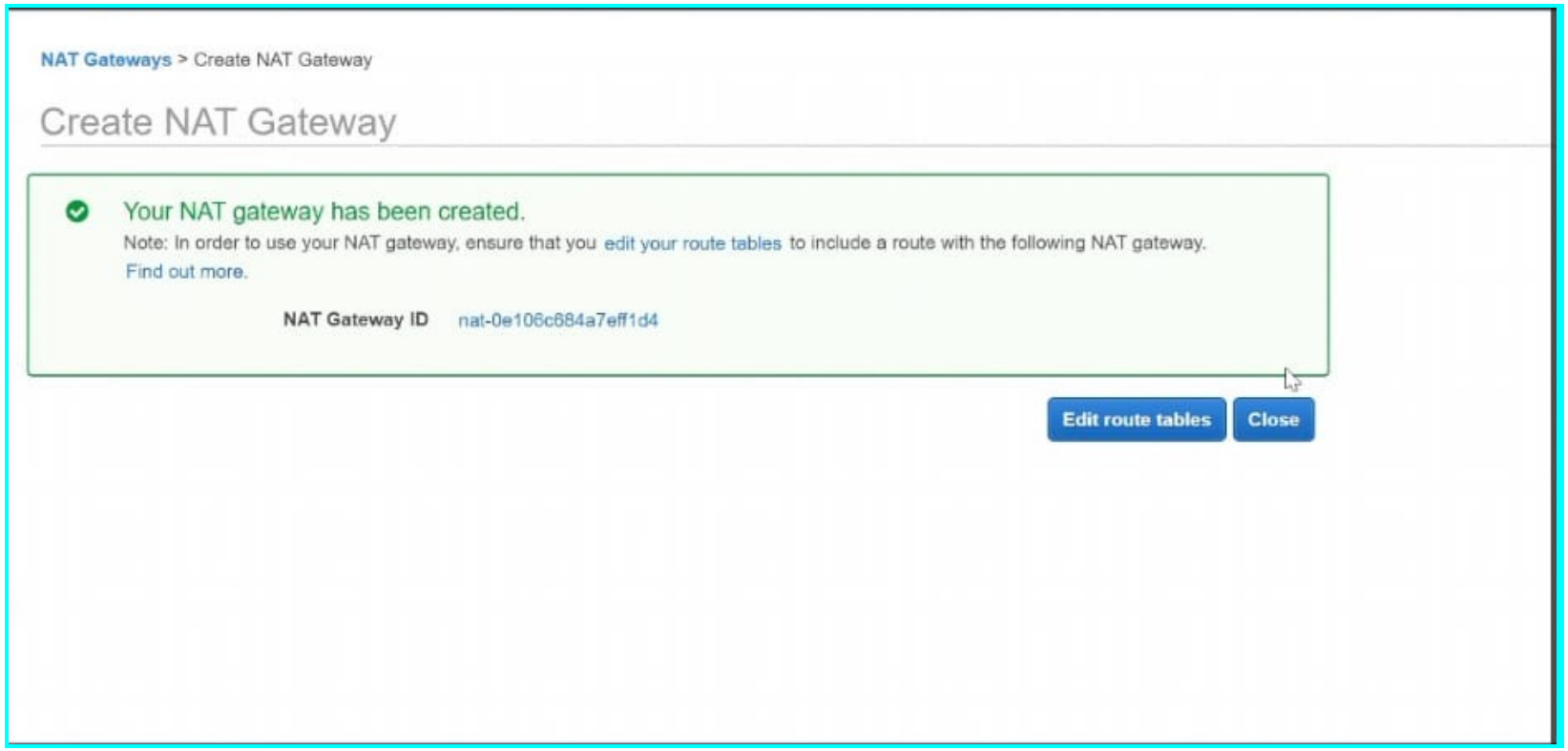
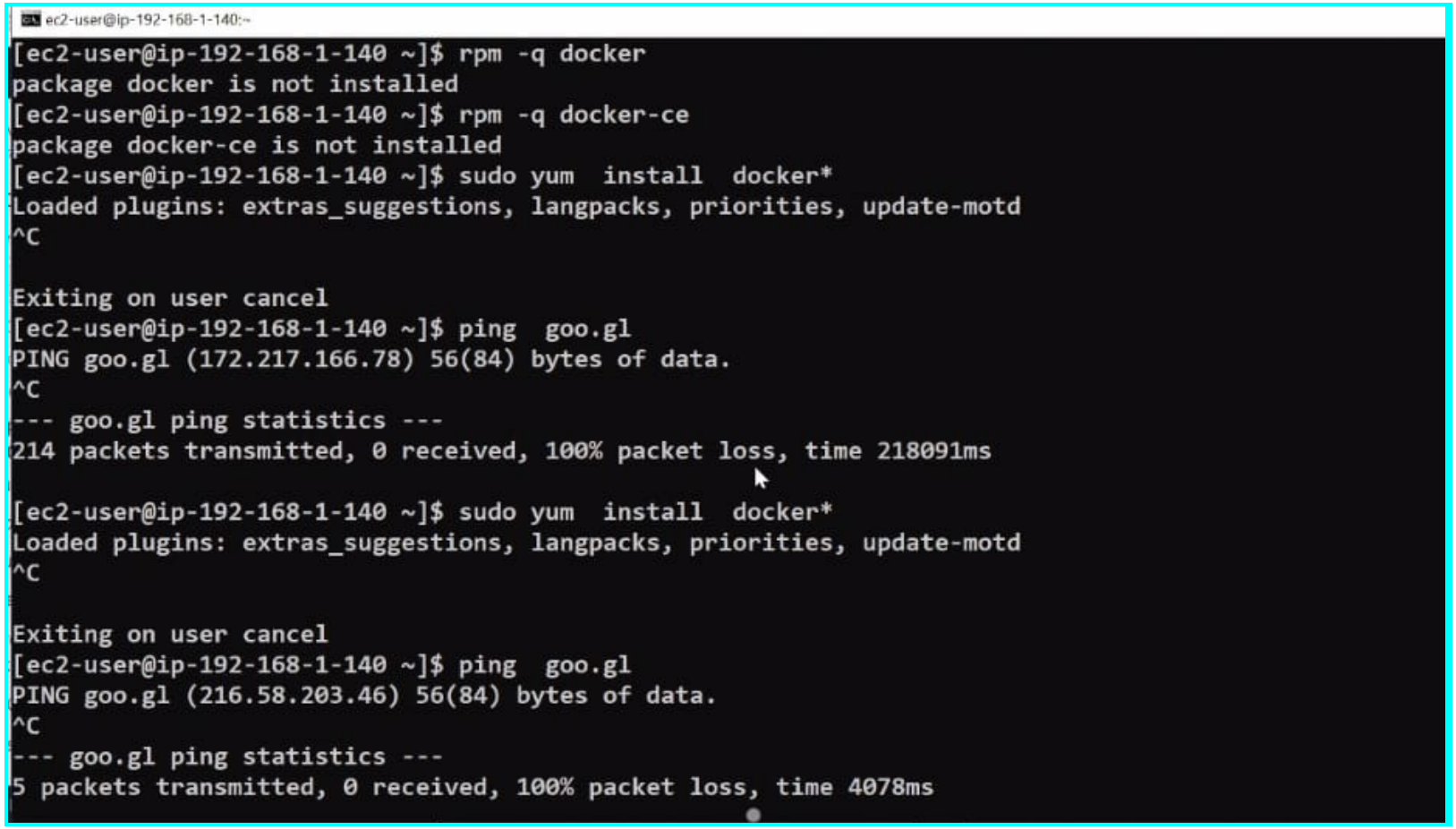
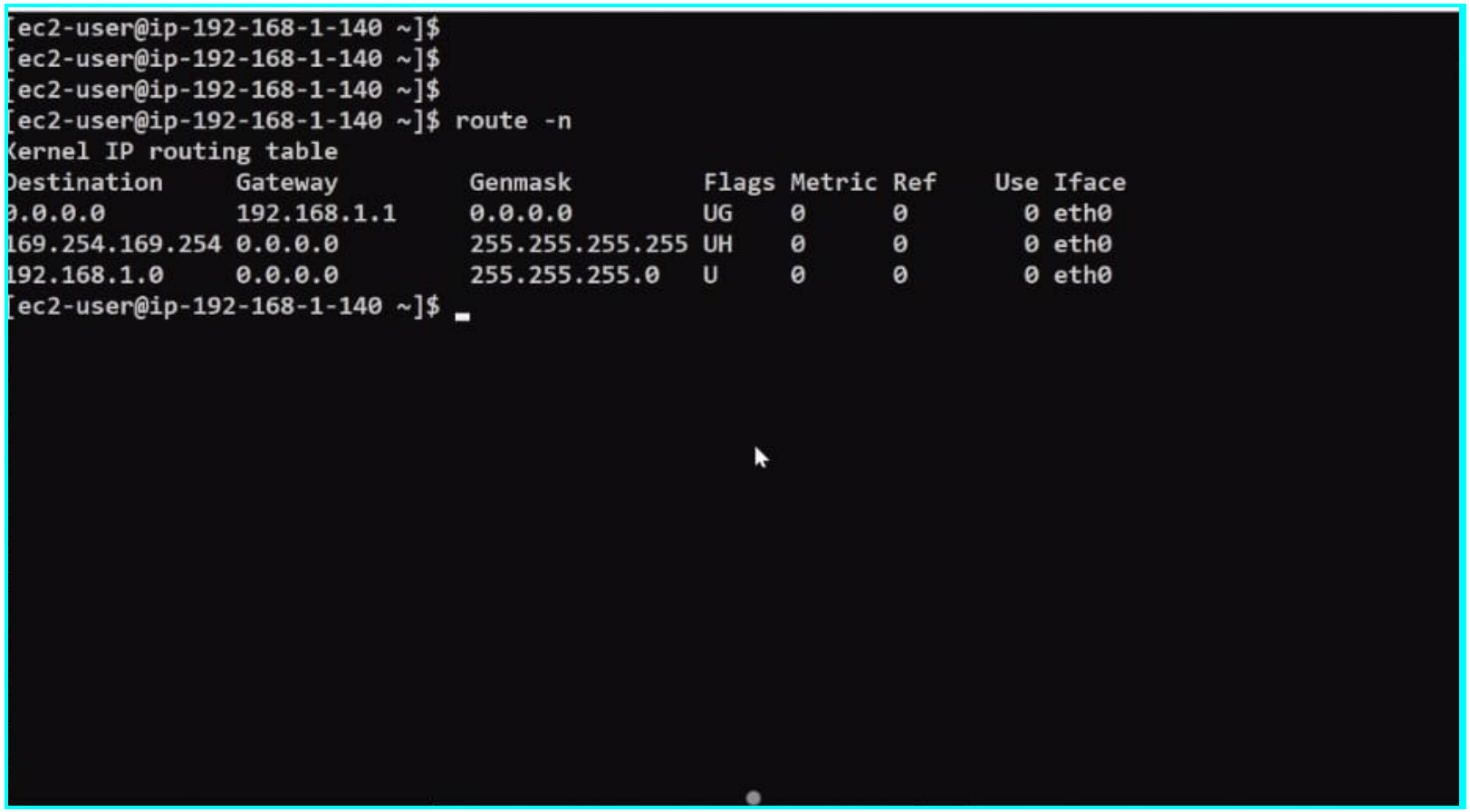
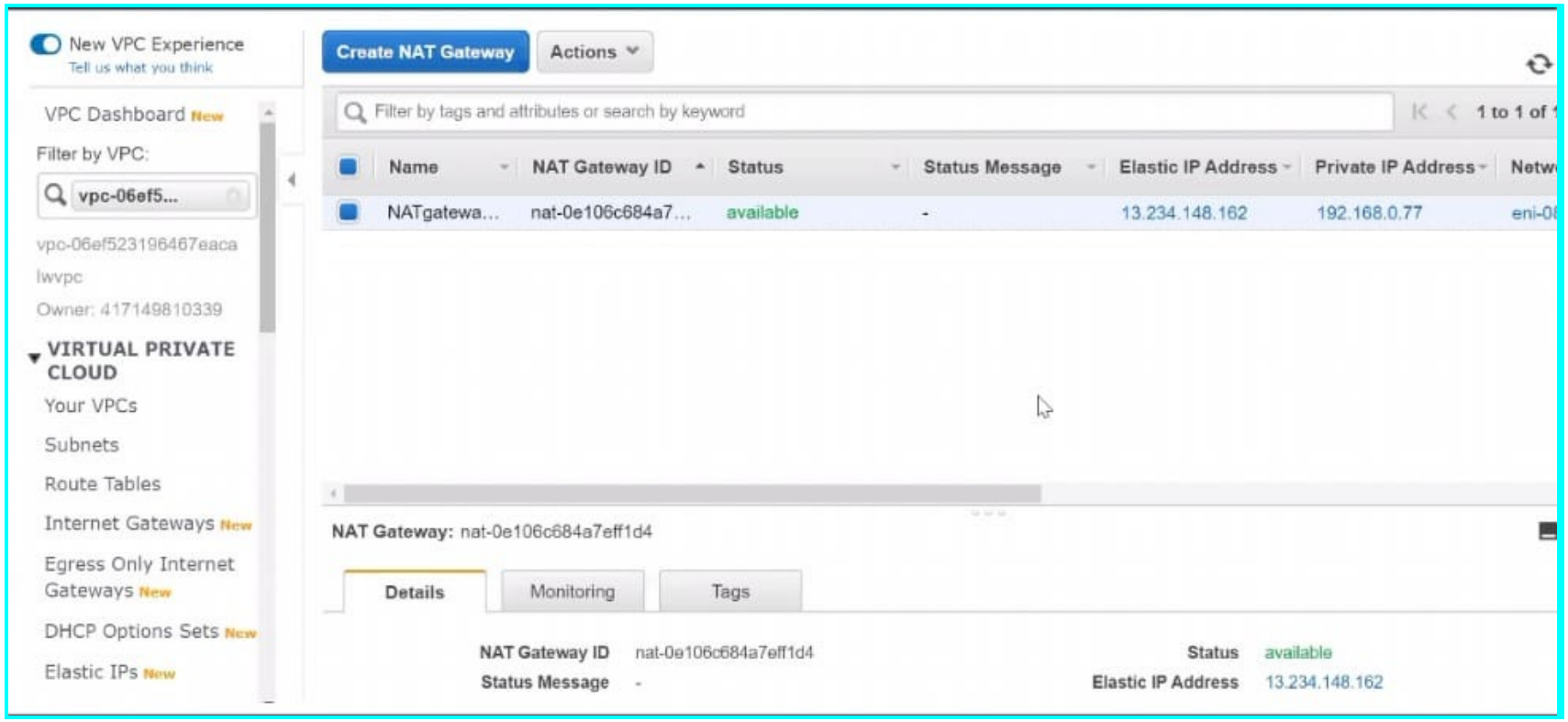
7/11/2020

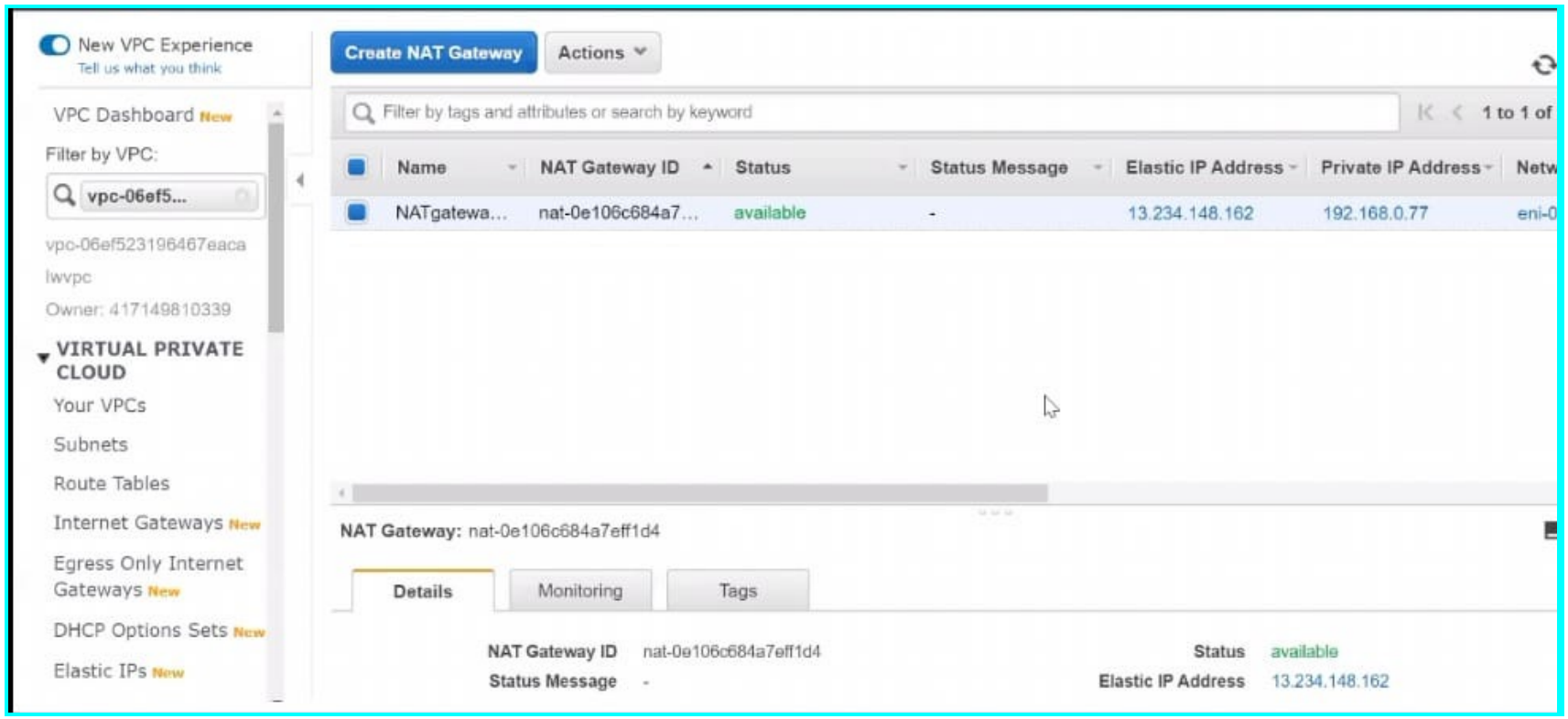

NAT Gateways > Create NAT Gateway
Create NAT Gateway
Create a NAT gateway and assign it an Elastic IP address. Learn more.
Subnet*
subnet-0f08f8e95e47c6426
Elastic IP Allocation ID*
eipalloc-05c7eebc03d14478a
Allocate Elastic IP address
Elastic IP address (13.234.148.162) allocated.
Key (128 characters maximum)
Value (256 characters maximum)
Name
NATgatewayformypvc
Add Tag
49 remaining (Up to 50 tags maximum)
* Required
Cancel
Create a NAT

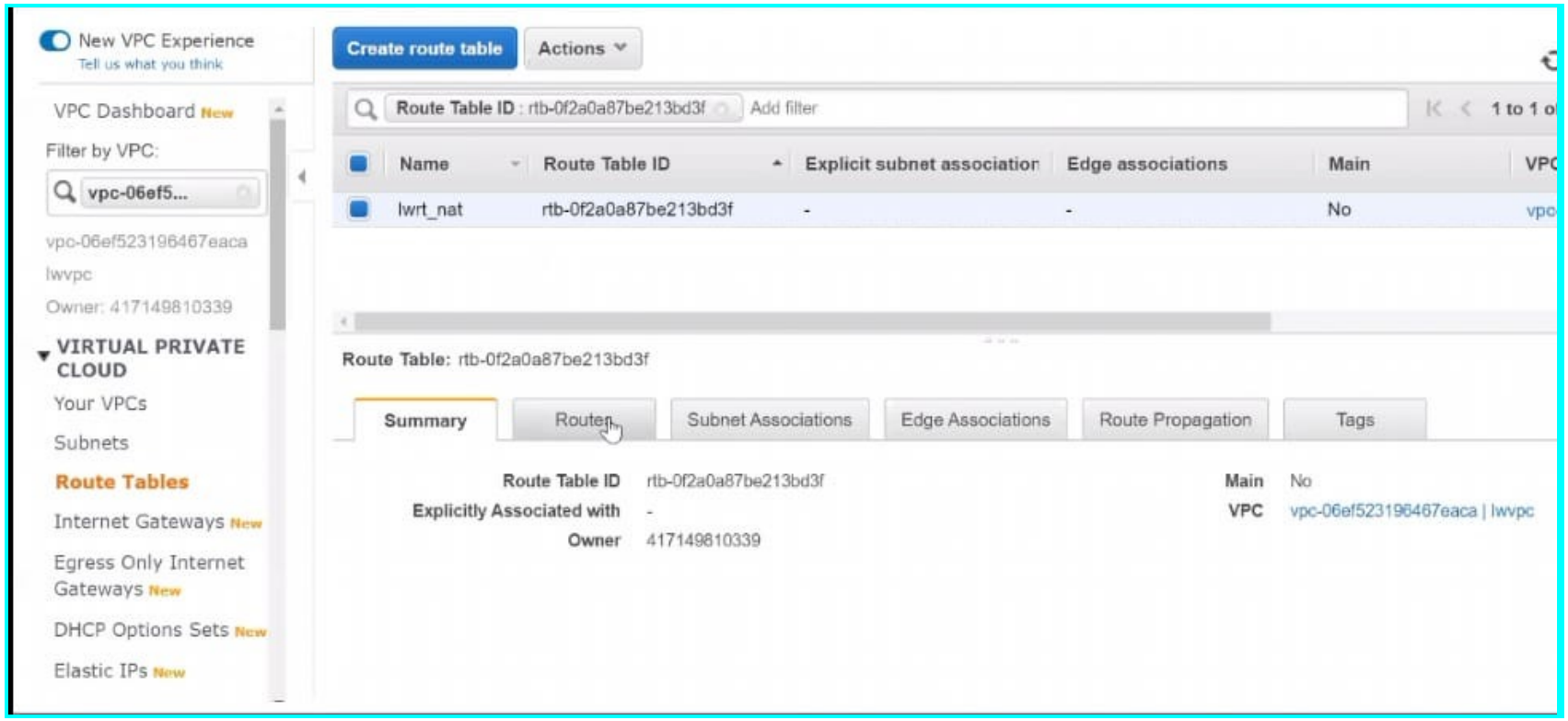

NAT Gateways > Create NAT Gateway
Create NAT Gateway
Your NAT gateway has been created.
Note: In order to use your NAT gateway, ensure that you edit your route tables to include a route with the following NAT gateway.
Find out more.
NAT Gateway ID nat-0e106c684a7eff1d4
Edit route tables
Close

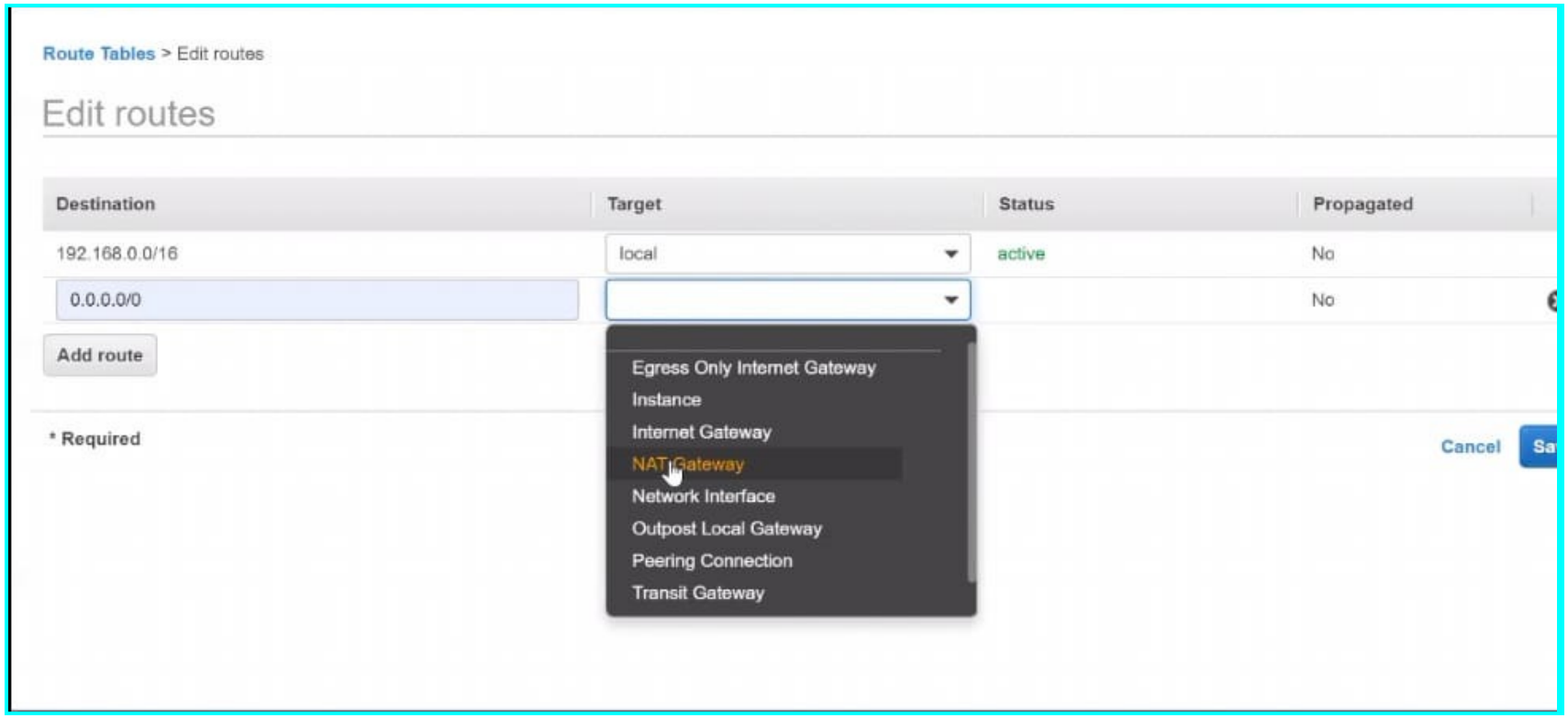

ec2-user@ip-192-168-1-140:~
[ec2-user@ip-192-168-1-140 ~]$ rpm -q docker
package docker is not installed
[ec2-user@ip-192-168-1-140 ~]$ rpm -q docker-ce
package docker-ce is not installed
[ec2-user@ip-192-168-1-140 ~]$ sudo yum install docker*
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
^C
Exiting on user cancel
[ec2-user@ip-192-168-1-140 ~]$ ping goo.gl
PING goo.gl (172.217.166.78) 56(84) bytes of data.
^C
--- goo.gl ping statistics ---
214 packets transmitted, 0 received, 100% packet loss, time 218091ms
[ec2-user@ip-192-168-1-140 ~]$ sudo yum install docker*
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
^C
Exiting on user cancel
[ec2-user@ip-192-168-1-140 ~]$ ping goo.gl
PING goo.gl (216.58.203.46) 56(84) bytes of data.
^C
--- goo.gl ping statistics ---
5 packets transmitted, 0 received, 100% packet loss, time 4078ms

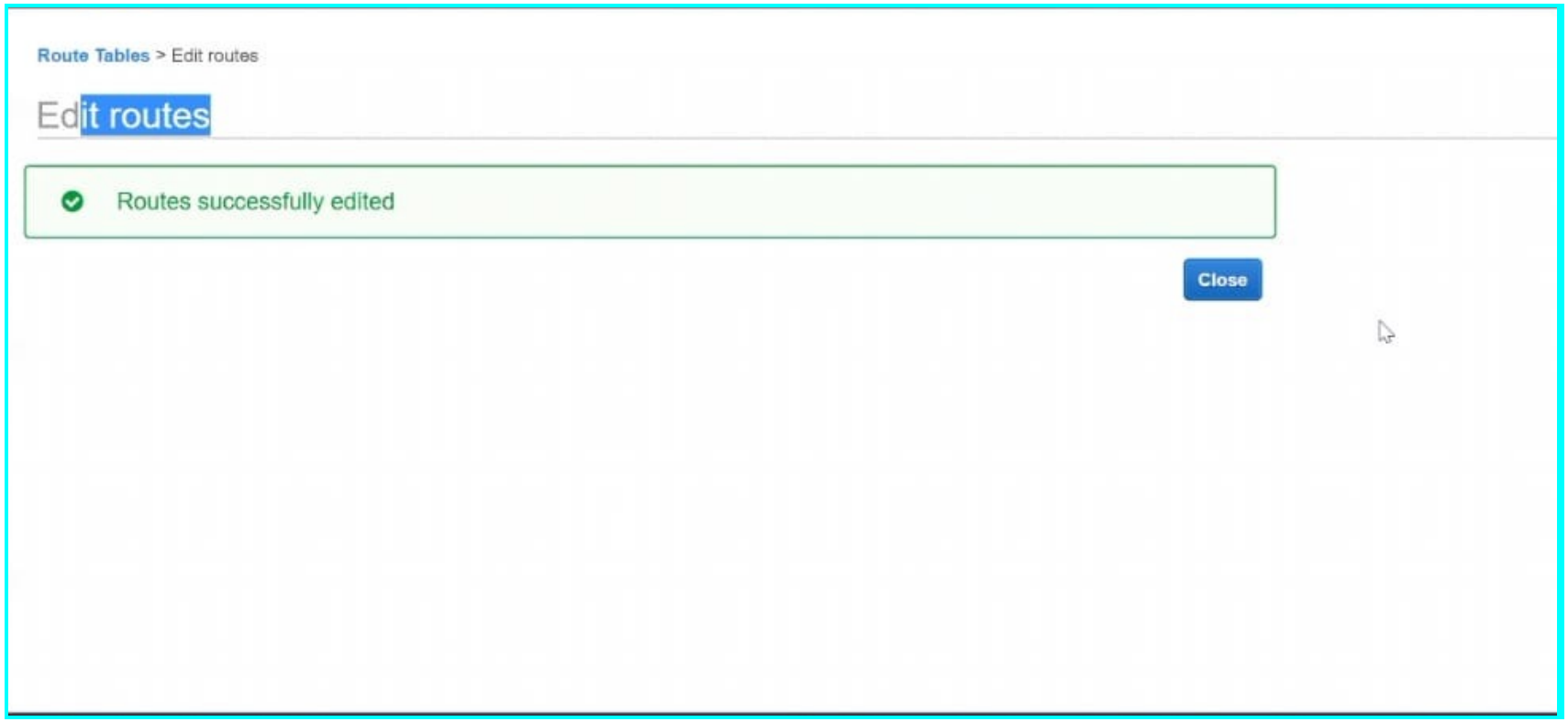

[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$ route -n
Kernel IP routing table
Destination Gateway Genmask Flags Metric Ref Use Iface
0.0.0.0 192.168.1.1 0.0.0.0 UG 0 0 0 eth0
169.254.169.254 0.0.0.0 255.255.255.255 UH 0 0 0 eth0
192.168.1.0 0.0.0.0 255.255.255.0 U 0 0 0 eth0
[ec2-user@ip-192-168-1-140 ~]$

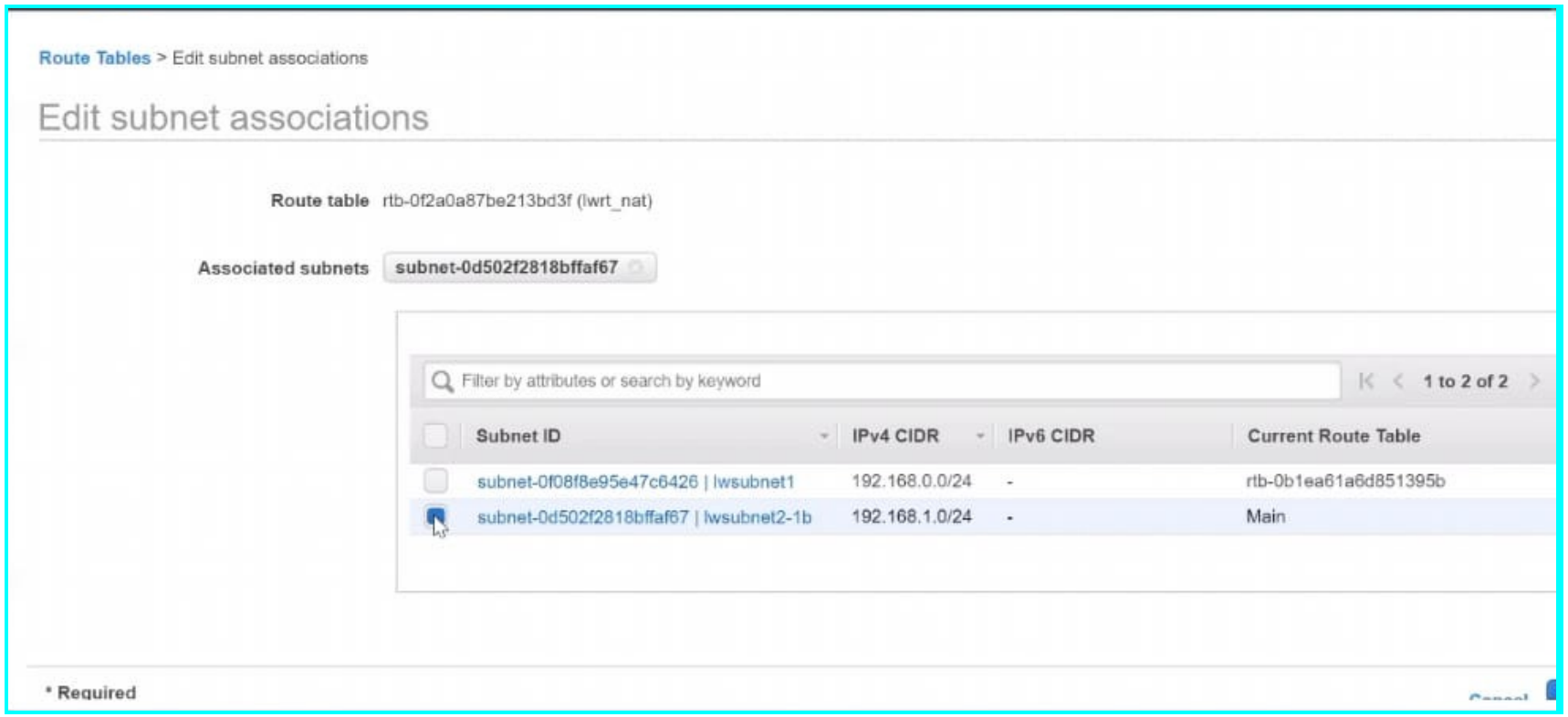

New VPC Experience
Tell us what you think
VPC Dashboard New
Filter by VPC:
vpc-06ef5...
vpc-06ef523196467eaca
lwvpc
Owner: 417149810339
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Create NAT Gateway
Actions
Filter by tags and attributes or search by keyword
1 to 1 of
Name
NAT Gateway ID
Status
Status Message
Elastic IP Address
Private IP Address
NATgatewa...
nat-0e106c684a7...
available
-
13.234.148.162
192.168.0.77
NAT Gateway: nat-0e106c684a7eff1d4
Details
Monitoring
Tags
NAT Gateway ID nat-0e106c684a7eff1d4
Status available
Status Message -
Elastic IP Address 13.234.148.162

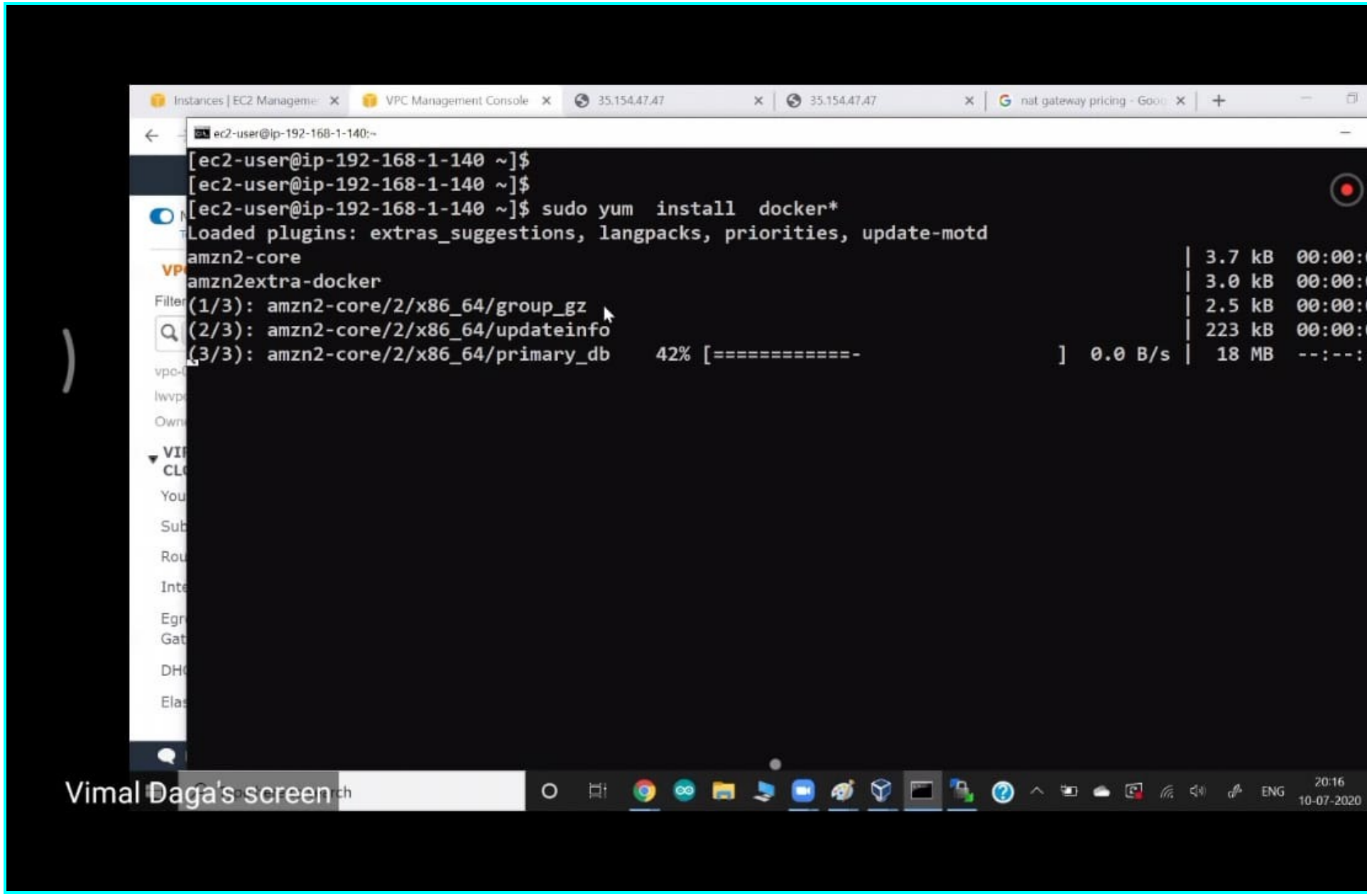

New VPC Experience
Tell us what you think
VPC Dashboard New
Filter by VPC:
vpc-06ef5...
vpc-06ef523196467eaca
lwvpc
Owner: 417149810339
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Create NAT Gateway
Actions
Filter by tags and attributes or search by keyword
1 to 1 of
Name
NAT Gateway ID
Status
Status Message
Elastic IP Address
Private IP Address
Netw
NATgatewa...
nat-0e106c684a7...
available
-
13.234.148.162
192.168.0.77
eni-0
NAT Gateway: nat-0e106c684a7eff1d4
Details
Monitoring
Tags
NAT Gateway ID
nat-0e106c684a7eff1d4
Status
available
Status Message
-
Elastic IP Address
13.234.148.162

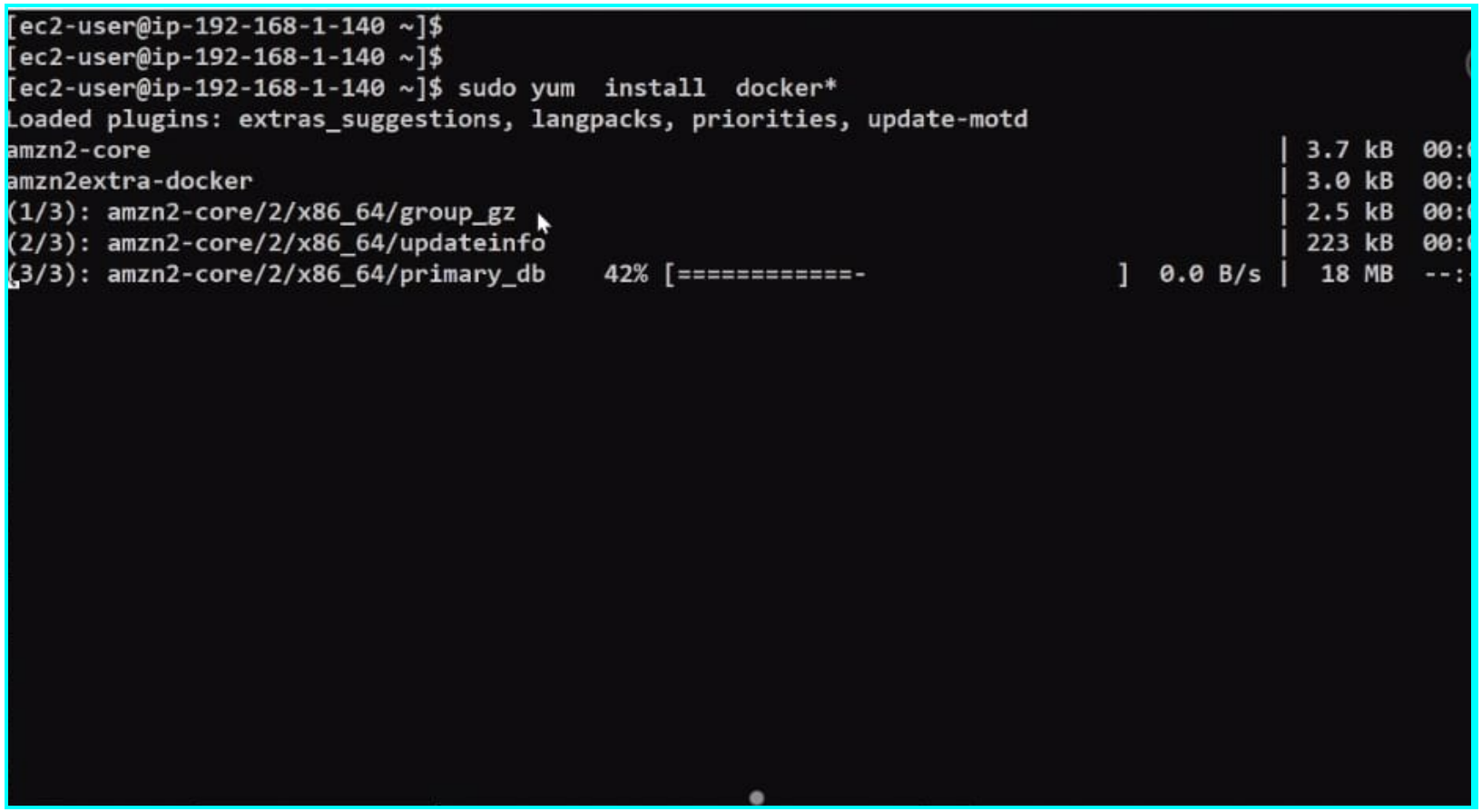

New VPC Experience
Tell us what you think
VPC Dashboard New
Filter by VPC:
vpc-06ef5...
vpc-06ef523196467eaca
lwvpc
Owner: 417149810339
VIRTUAL PRIVATE CLOUD
Your VPCs
Subnets
Route Tables
Internet Gateways New
Egress Only Internet Gateways New
DHCP Options Sets New
Elastic IPs New
Create route table
Actions
Route Table ID : rtb-0f2a0a87be213bd3f
Add filter
1 to 1 o
Name
Route Table ID
Explicit subnet association
Edge associations
Main
VPC
lwrt_nat
rtb-0f2a0a87be213bd3f
-
-
No
vpc
Route Table: rtb-0f2a0a87be213bd3f
Summary
Routes
Subnet Associations
Edge Associations
Route Propagation
Tags
Route Table ID rtb-0f2a0a87be213bd3f
Explicitly Associated with -
Owner 417149810339
Main No
VPC vpc-06ef523196467eaca | lwvpc


Route Tables > Edit routes
Edit routes
Destination
Target
Status
Propagated
192.168.0.0/16
local
active
No
0.0.0.0/0
No
Add route
Egress Only Internet Gateway
Instance
Internet Gateway
NAT Gateway
Network Interface
Outpost Local Gateway
Peering Connection
Transit Gateway
* Required
Cancel


Route Tables > Edit routes
Edit routes
Routes successfully edited
Close


Route Tables > Edit subnet associations
Edit subnet associations
Route table rtb-0f2a0a87be213bd3f (lwrt_nat)
Associated subnets subnet-0d502f2818bffaf67
Filter by attributes or search by keyword
1 to 2 of 2
Subnet ID
IPv4 CIDR
IPv6 CIDR
Current Route Table
subnet-0f08f8e95e47c6426 | lwsubnet1
192.168.0.0/24
-
rtb-0b1ea61a6d851395b
subnet-0d502f2818bffaf67 | lwsubnet2-1b
192.168.1.0/24
-
Main
* Required


Instances | EC2 Manageme
VPC Management Console
35.154.47.47
35.154.47.47
nat gateway pricing - Goo
ec2-user@ip-192-168-1-140:~
[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$ sudo yum install docker*
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:00:
amzn2extra-docker | 3.0 kB 00:00:
(1/3): amzn2-core/2/x86_64/group_gz | 2.5 kB 00:00:
(2/3): amzn2-core/2/x86_64/updateinfo | 223 kB 00:00:
(3/3): amzn2-core/2/x86_64/primary_db 42% [==========-] 0.0 B/s | 18 MB --:--:
Vimal Daga's screen
ENG
20:16
10-07-2020


[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$
[ec2-user@ip-192-168-1-140 ~]$ sudo yum install docker*
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
amzn2-core | 3.7 kB 00:
amzn2extra-docker | 3.0 kB 00:
(1/3): amzn2-core/2/x86_64/group_gz | 2.5 kB 00:
(2/3): amzn2-core/2/x86_64/updateinfo | 223 kB 00:
(3/3): amzn2-core/2/x86_64/primary_db 42% [==========-] 0.0 B/s | 18 MB --: