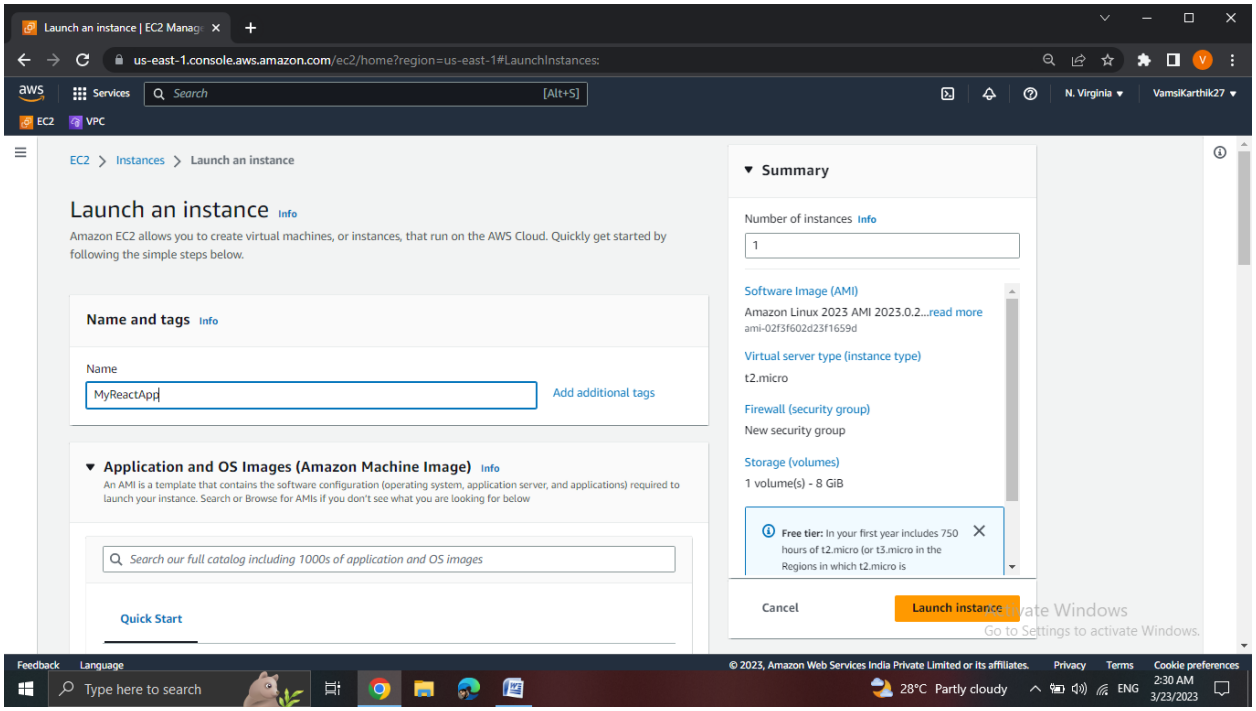
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
MyReactApp
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
Quick Start
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.0.2...read more
ami-02f3f602d23f1659d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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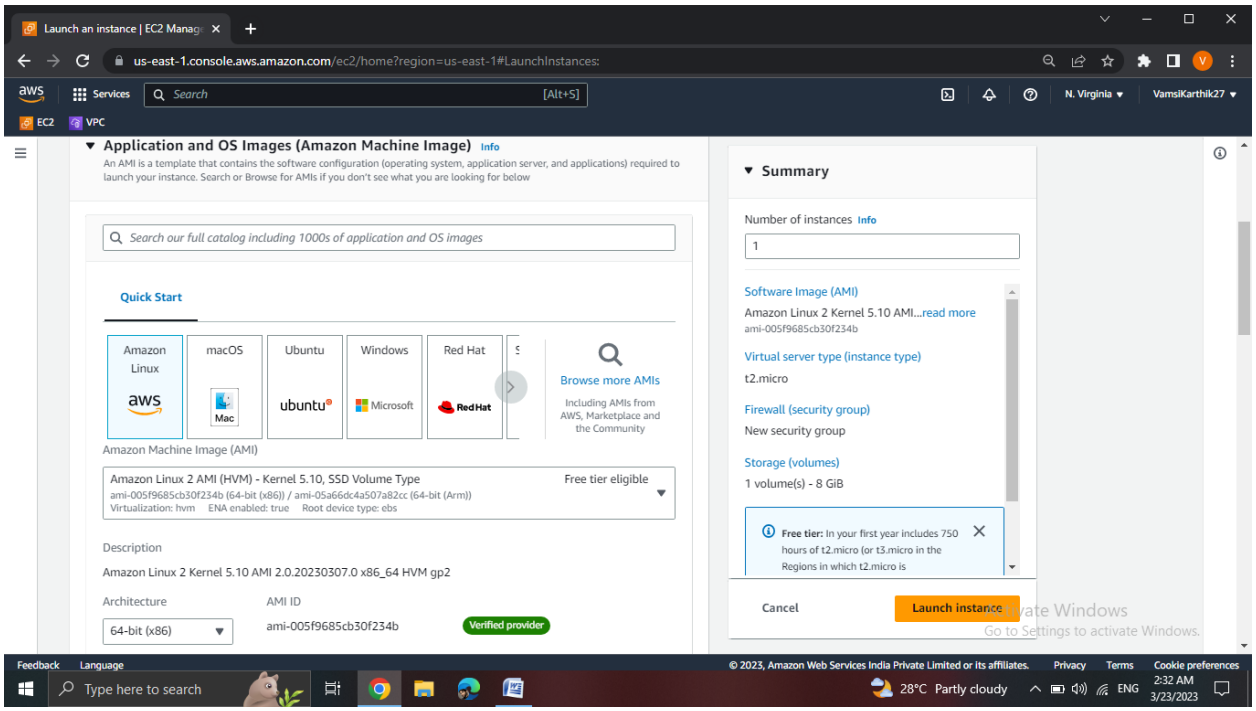
Type here to search
28°C Partly cloudy
ENG
2:30 AM
3/23/2023


Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
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
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
Free tier eligible
ami-005f9685cb30f234b (64-bit (x86)) / ami-05a66dc4a507a82cc (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Amazon Linux 2 Kernel 5.10 AMI 2.0.20230307.0 x86_64 HVM gp2
Architecture
AMI ID
64-bit (x86)
ami-005f9685cb30f234b
Verified provider
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
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Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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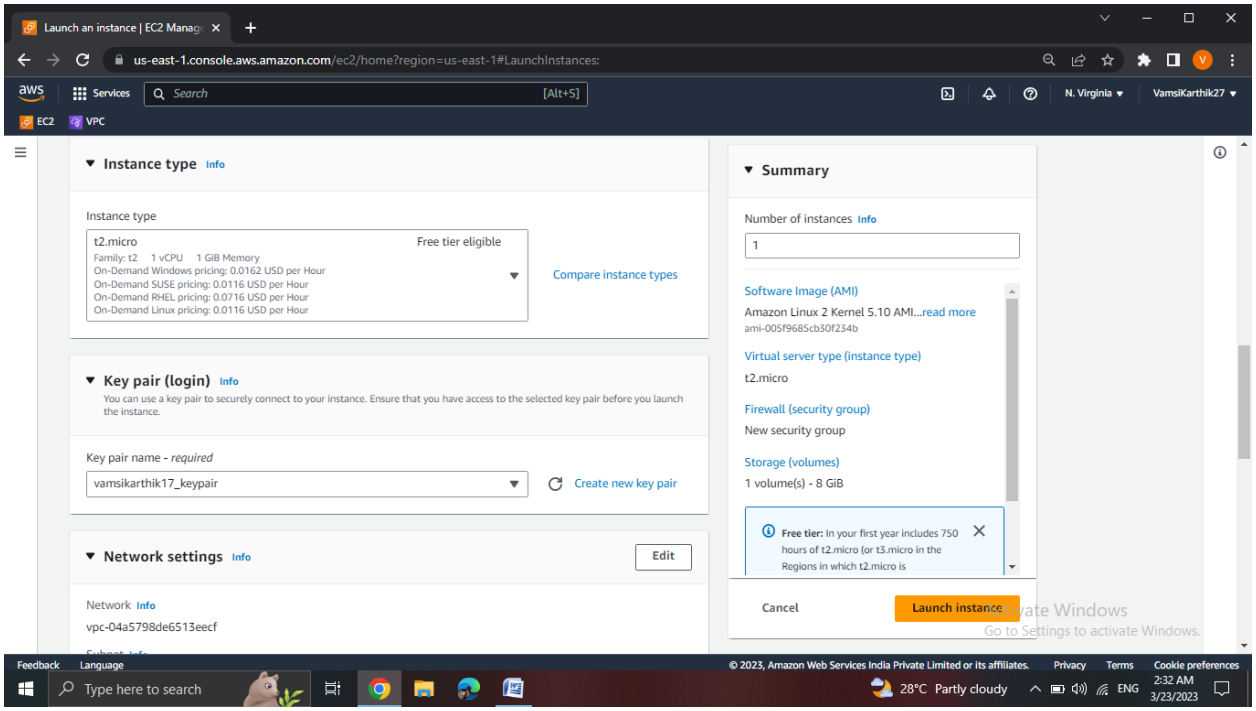
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Instance type Info
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory
On-Demand Windows pricing: 0.0162 USD per Hour
On-Demand SUSE pricing: 0.0116 USD per Hour
On-Demand RHEL pricing: 0.0716 USD per Hour
On-Demand Linux pricing: 0.0116 USD per Hour
Compare instance types
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
vamsikarthik17_keypair
Create new key pair
Network settings Info
Edit
Network Info
vpc-04a5798de6513eecf
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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ENG
2:32 AM
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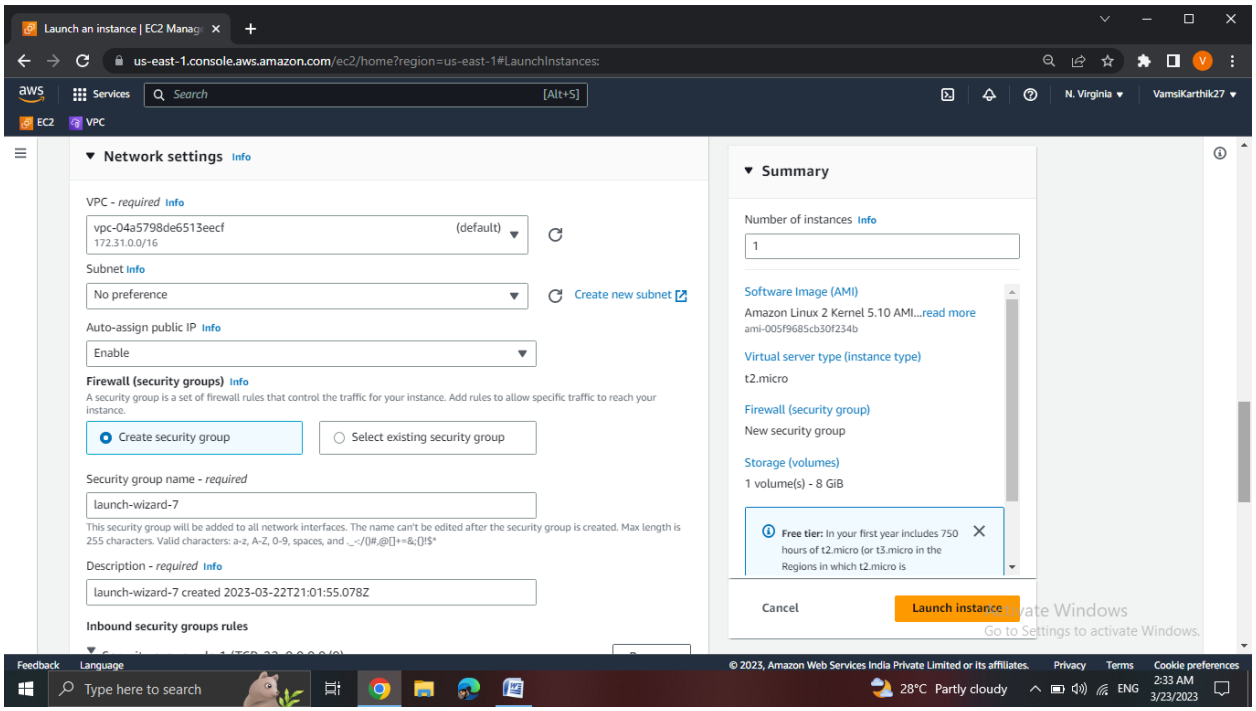
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Network settings Info
VPC - required Info
vpc-04a5798de6513eecf (default)
172.31.0.0/16
Subnet Info
No preference
Create new subnet
Auto-assign public IP Info
Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Security group name - required
launch-wizard-7
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
launch-wizard-7 created 2023-03-22T21:01:55.078Z
Inbound security groups rules
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
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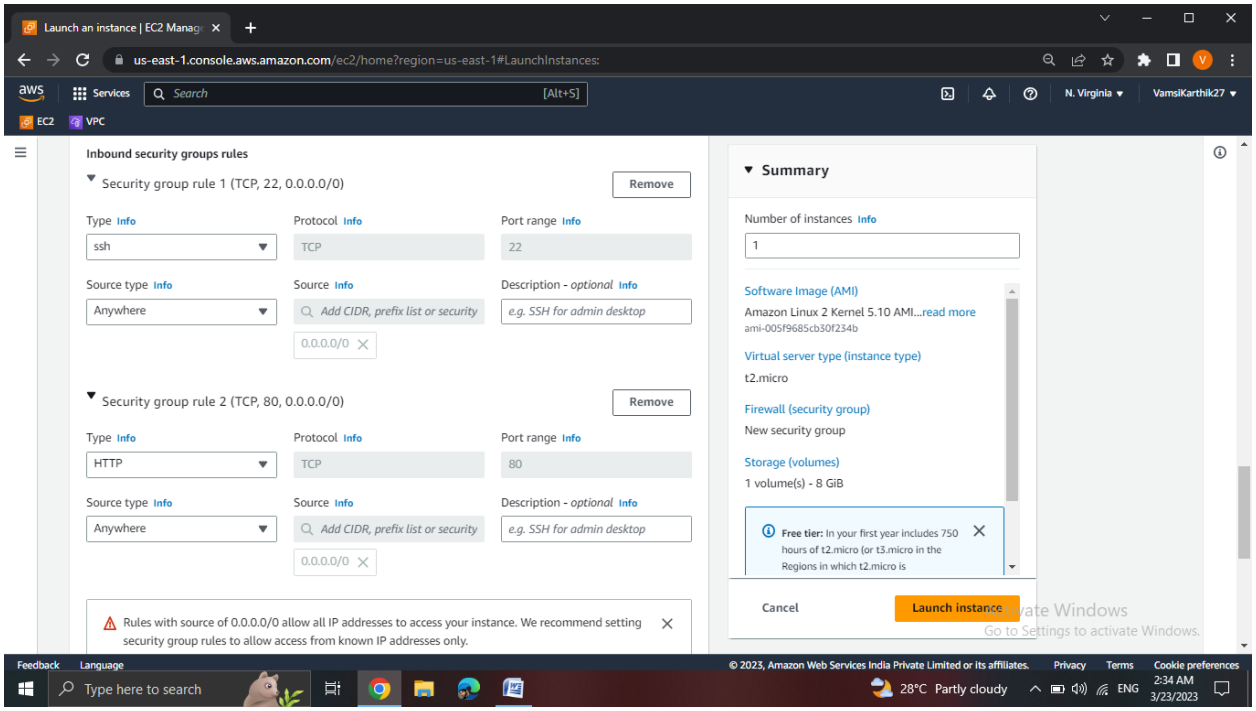
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Inbound security groups rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Security group rule 2 (TCP, 80, 0.0.0.0/0)
Remove
Type Info
HTTP
Protocol Info
TCP
Port range Info
80
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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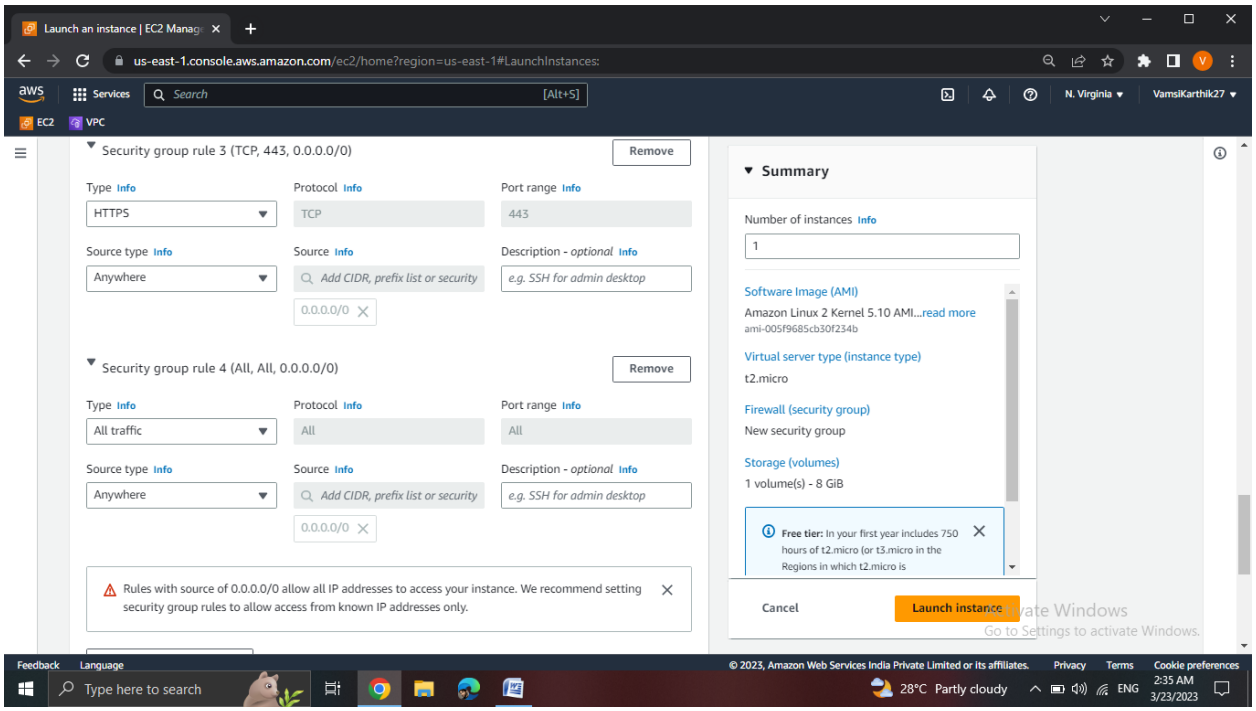
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Security group rule 3 (TCP, 443, 0.0.0.0/0)
Remove
Type Info
HTTPS
Protocol Info
TCP
Port range Info
443
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Security group rule 4 (All, All, 0.0.0.0/0)
Remove
Type Info
All traffic
Protocol Info
All
Port range Info
All
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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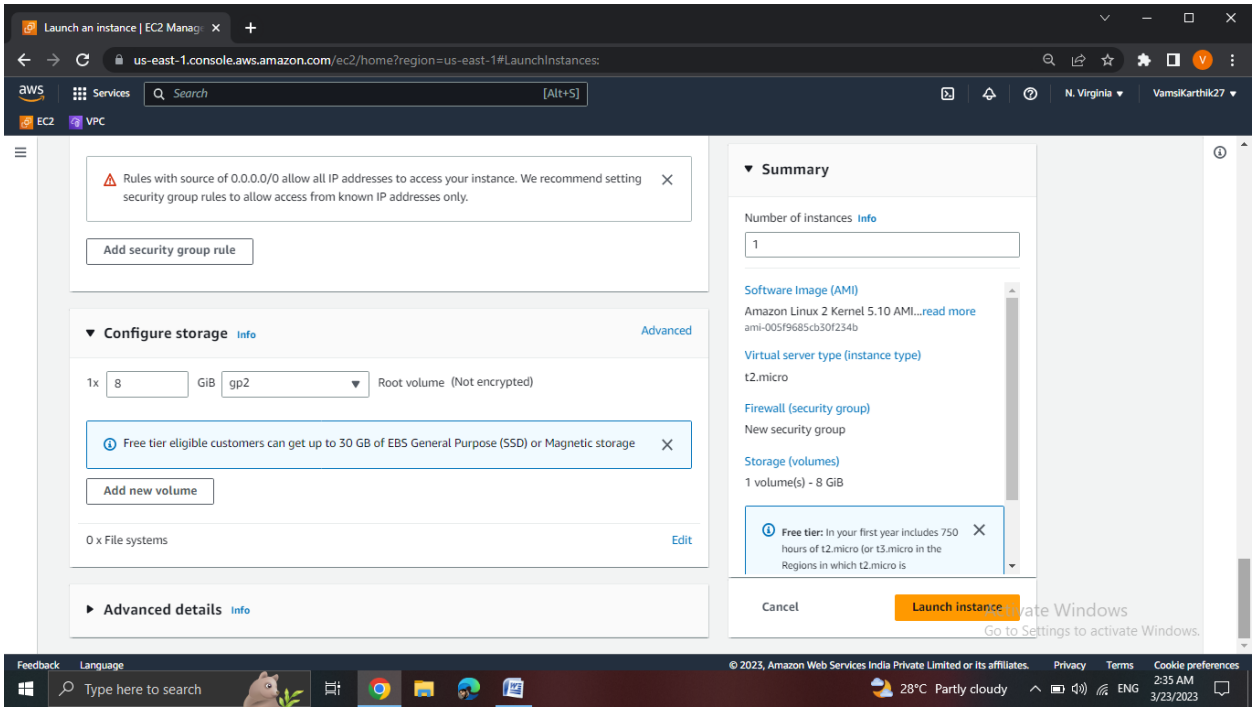
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Add security group rule
Configure storage Info
Advanced
1x
8
GiB
gp2
Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
0 x File systems
Edit
Advanced details Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is
Cancel
Launch instance
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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ENG
2:35 AM
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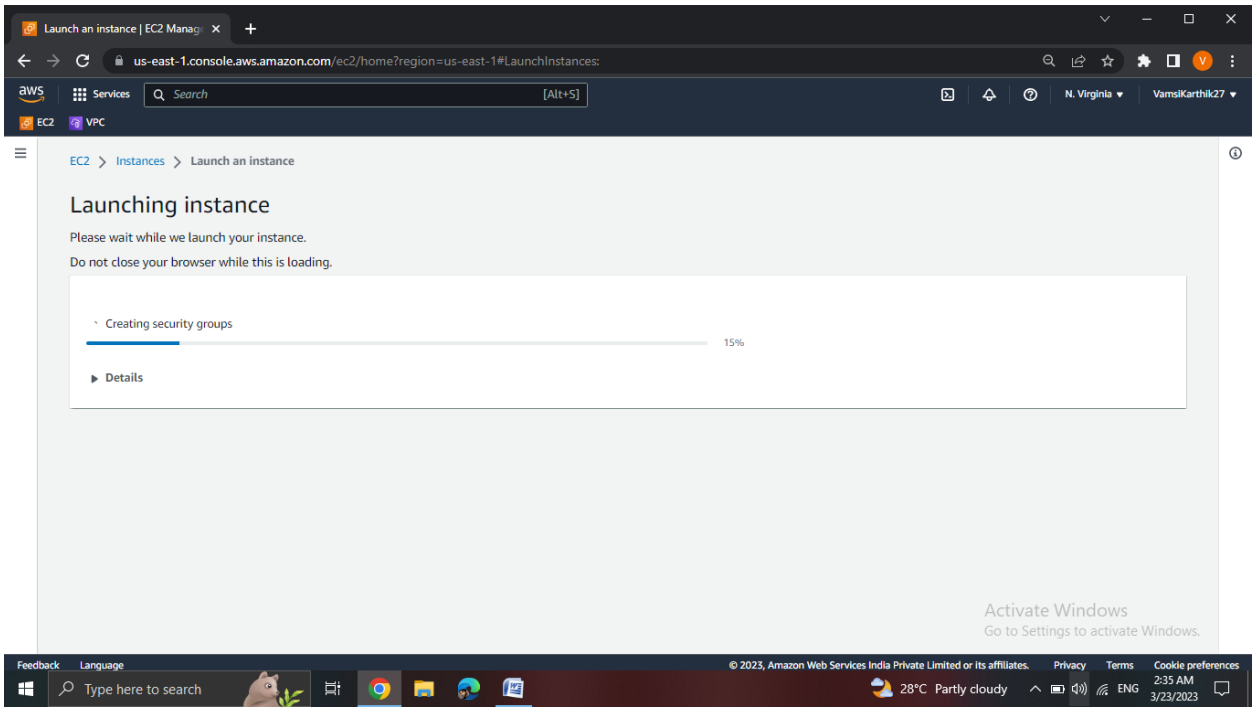
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > Launch an instance
Launching instance
Please wait while we launch your instance.
Do not close your browser while this is loading.
Creating security groups
15%
Details
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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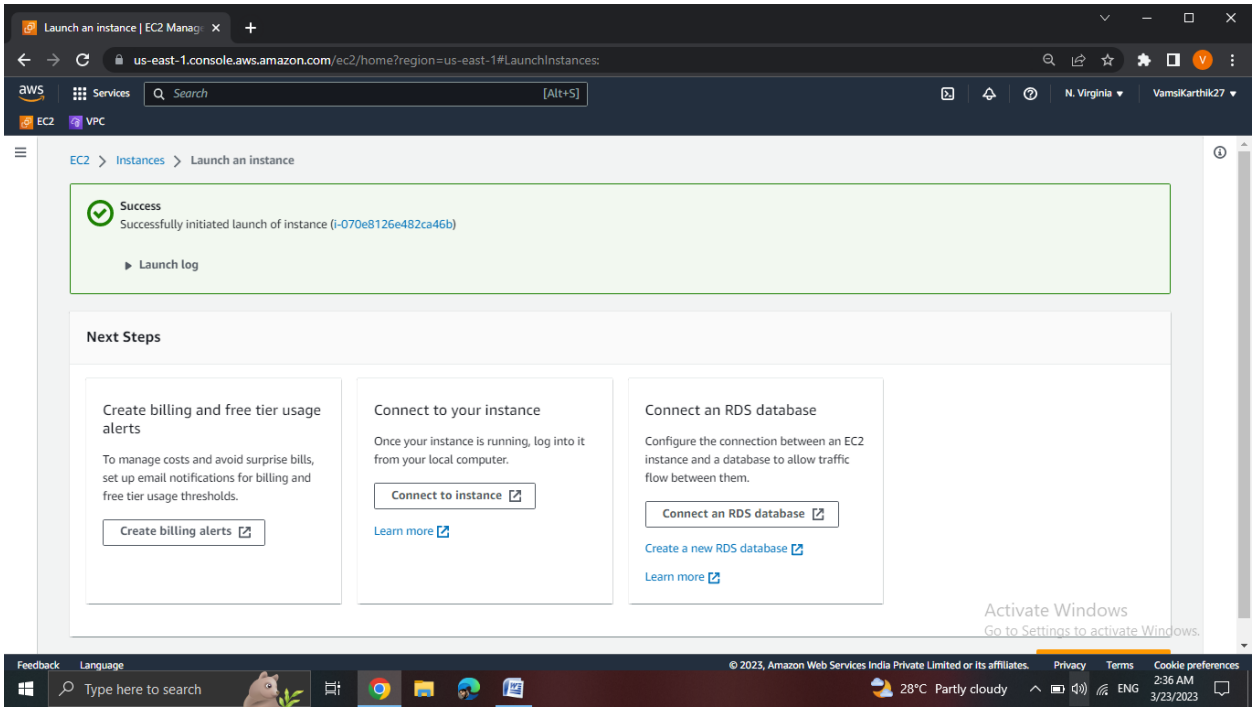
Launch an instance | EC2 Manage
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-070e8126e482ca46b)
Launch log
Next Steps
Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts
Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Learn more
Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database
Create a new RDS database
Learn more
Activate Windows
Go to Settings to activate Windows.
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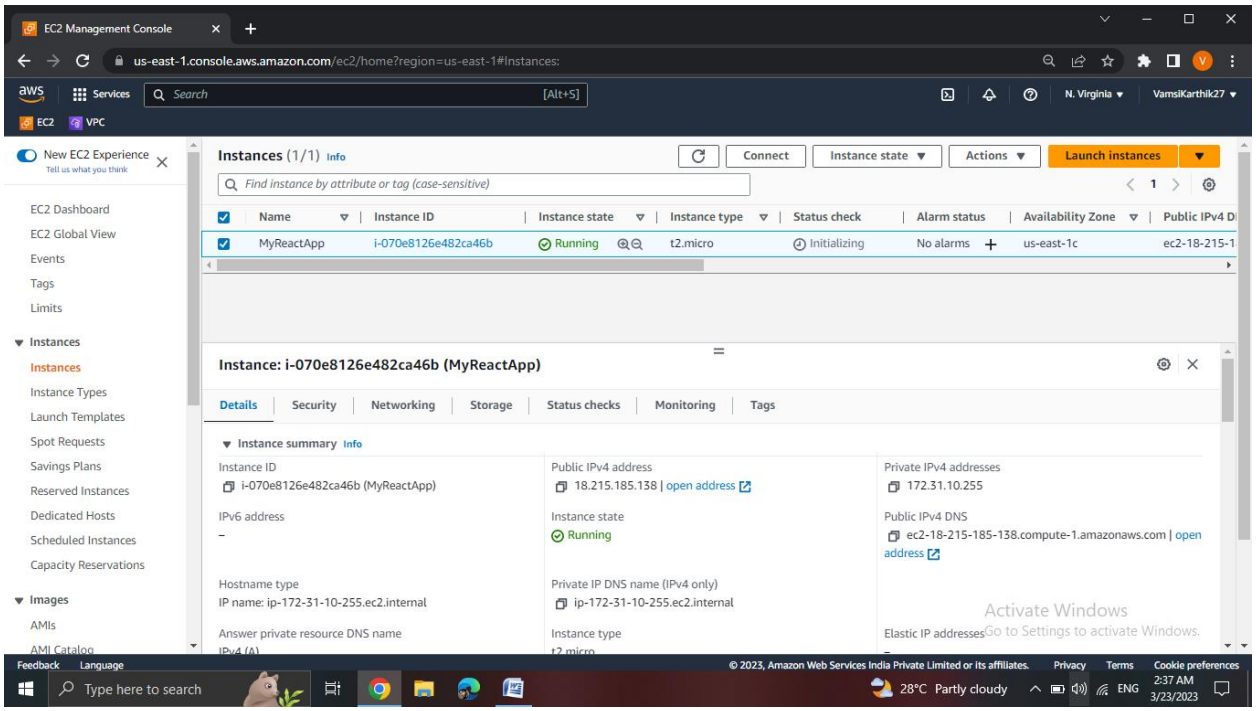
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 D
MyReactApp
i-070e8126e482ca46b
Running
t2.micro
Initializing
No alarms
us-east-1c
ec2-18-215-1
Instance: i-070e8126e482ca46b (MyReactApp)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-070e8126e482ca46b (MyReactApp)
IPv6 address
-
Hostname type
IP name: ip-172-31-10-255.ec2.internal
Answer private resource DNS name
Public IPv4 address
18.215.185.138 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-10-255.ec2.internal
Instance type
Private IPv4 addresses
172.31.10.255
Public IPv4 DNS
ec2-18-215-185-138.compute-1.amazonaws.com | open address
Elastic IP addresses
Activate Windows
Go to Settings to activate Windows.
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Language
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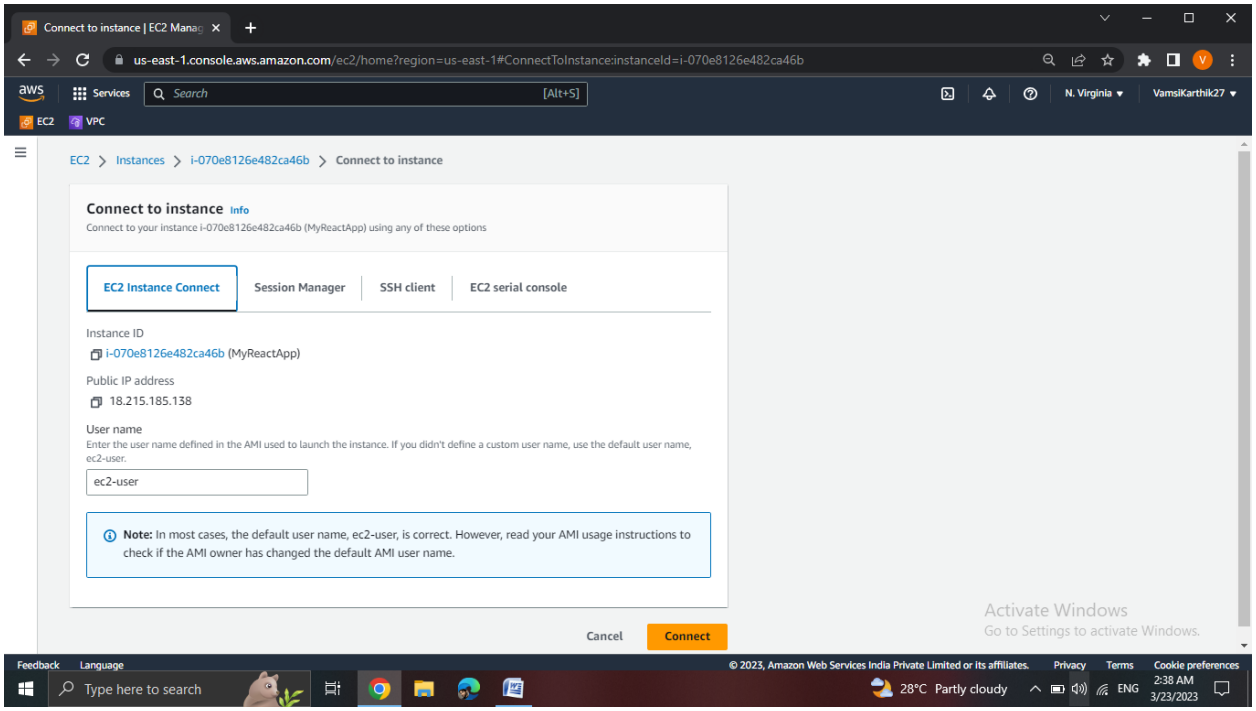
Connect to instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#ConnectToInstance:instanceId=i-070e8126e482ca46b
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > i-070e8126e482ca46b > Connect to instance
Connect to instance Info
Connect to your instance i-070e8126e482ca46b (MyReactApp) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-070e8126e482ca46b (MyReactApp)
Public IP address
18.215.185.138
User name
Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.
ec2-user
Note: In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.
Cancel
Connect
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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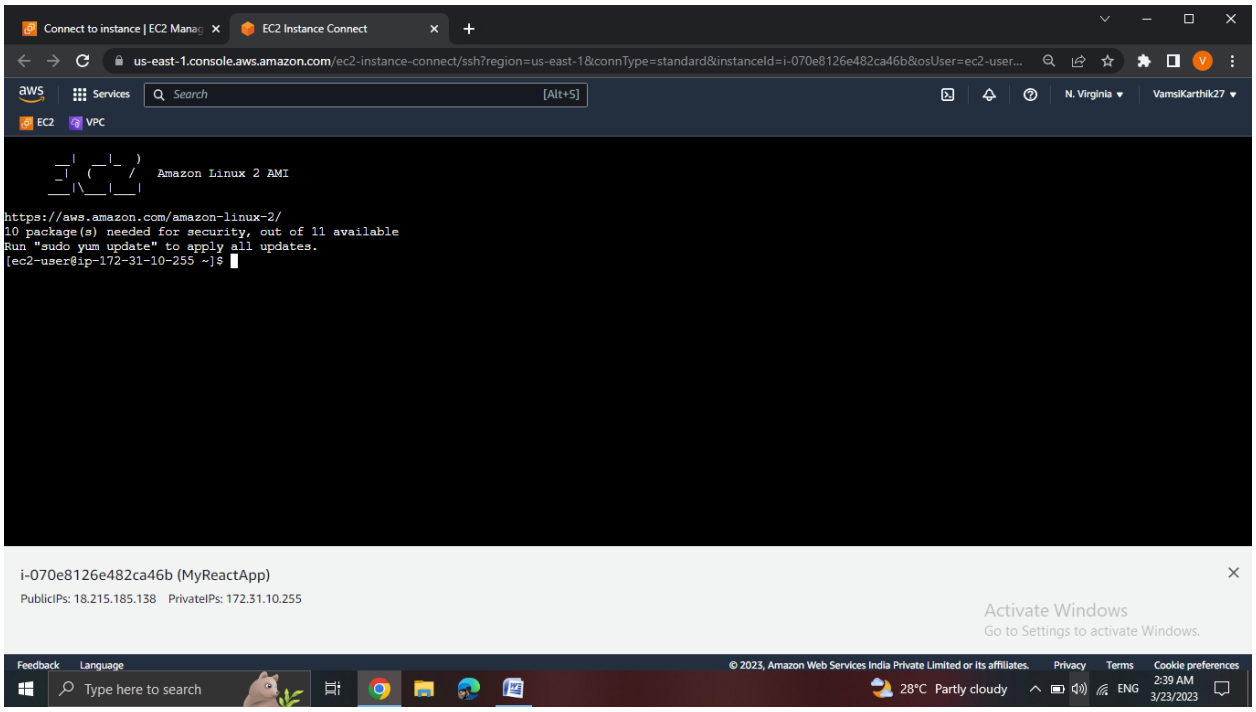
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-10-255 ~]$
i-070e8126e482ca46b (MyReactApp)
PublicIPs: 18.215.185.138 PrivateIPs: 172.31.10.255
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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ENG
2:39 AM
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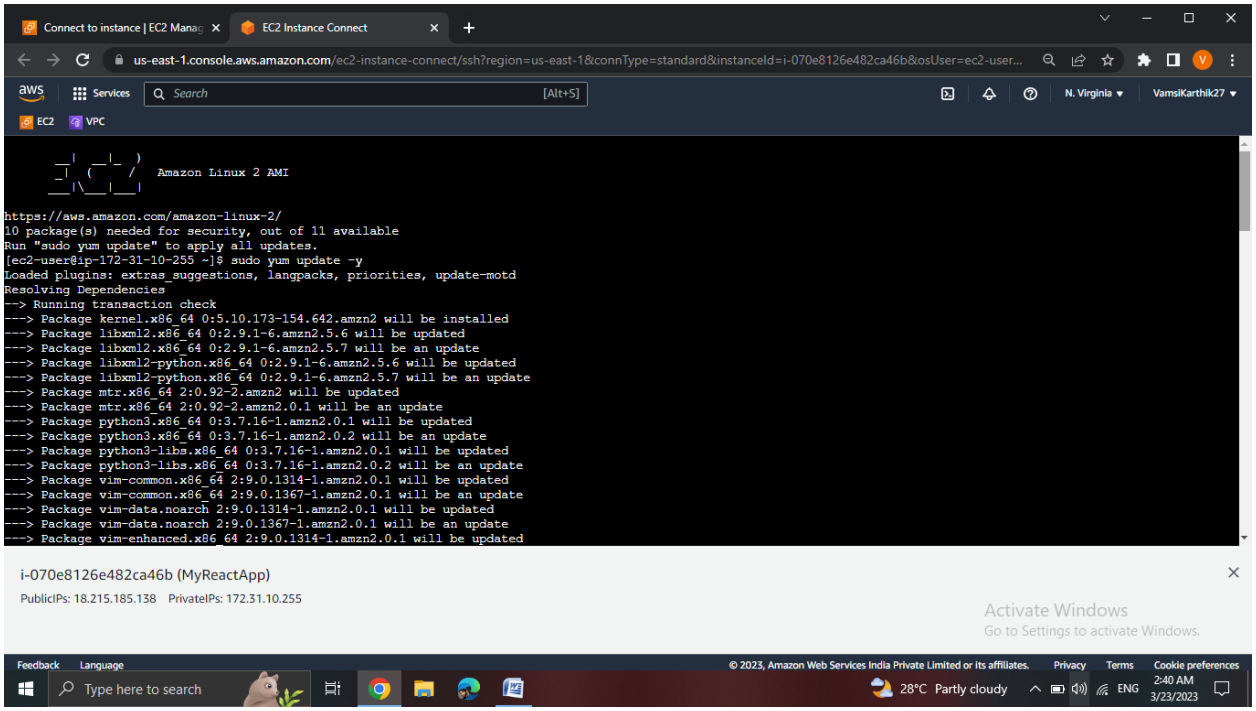
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-10-255 ~]$ sudo yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package kernel.x86_64 0:5.10.173-154.642.amzn2 will be installed
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package mtr.x86_64 2:0.92-2.amzn2 will be updated
---> Package mtr.x86_64 2:0.92-2.amzn2.0.1 will be an update
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package vim-common.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-common.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-data.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-data.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-enhanced.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
i-070e8126e482ca46b (MyReactApp)
PublicIPs: 18.215.185.138 PrivateIPs: 172.31.10.255
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
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2:40 AM
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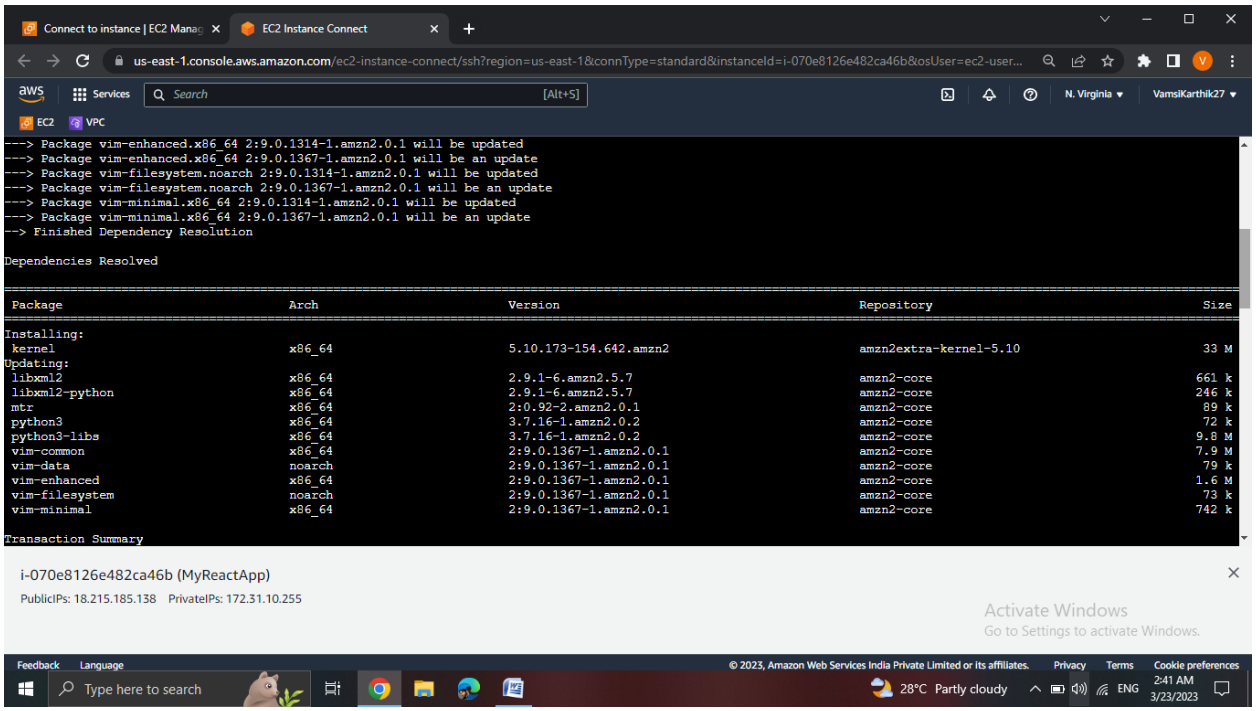
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
Services
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EC2
VPC
---> Package vim-enhanced.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-filesystem.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-minimal.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
--> Finished Dependency Resolution
Dependencies Resolved
Package Arch Version Repository Size
Installing:
kernel x86_64 5.10.173-154.642.amzn2 amzn2extra-kernel-5.10 33 M
Updating:
libxml2 x86_64 2.9.1-6.amzn2.5.7 amzn2-core 661 k
libxml2-python x86_64 2.9.1-6.amzn2.5.7 amzn2-core 246 k
mtr x86_64 2:0.92-2.amzn2.0.1 amzn2-core 89 k
python3 x86_64 3.7.16-1.amzn2.0.2 amzn2-core 72 k
python3-libs x86_64 3.7.16-1.amzn2.0.2 amzn2-core 9.8 M
vim-common x86_64 2:9.0.1367-1.amzn2.0.1 amzn2-core 7.9 M
vim-data noarch 2:9.0.1367-1.amzn2.0.1 amzn2-core 79 k
vim-enhanced x86_64 2:9.0.1367-1.amzn2.0.1 amzn2-core 1.6 M
vim-filesystem noarch 2:9.0.1367-1.amzn2.0.1 amzn2-core 73 k
vim-minimal x86_64 2:9.0.1367-1.amzn2.0.1 amzn2-core 742 k
Transaction Summary
i-070e8126e482ca46b (MyReactApp)
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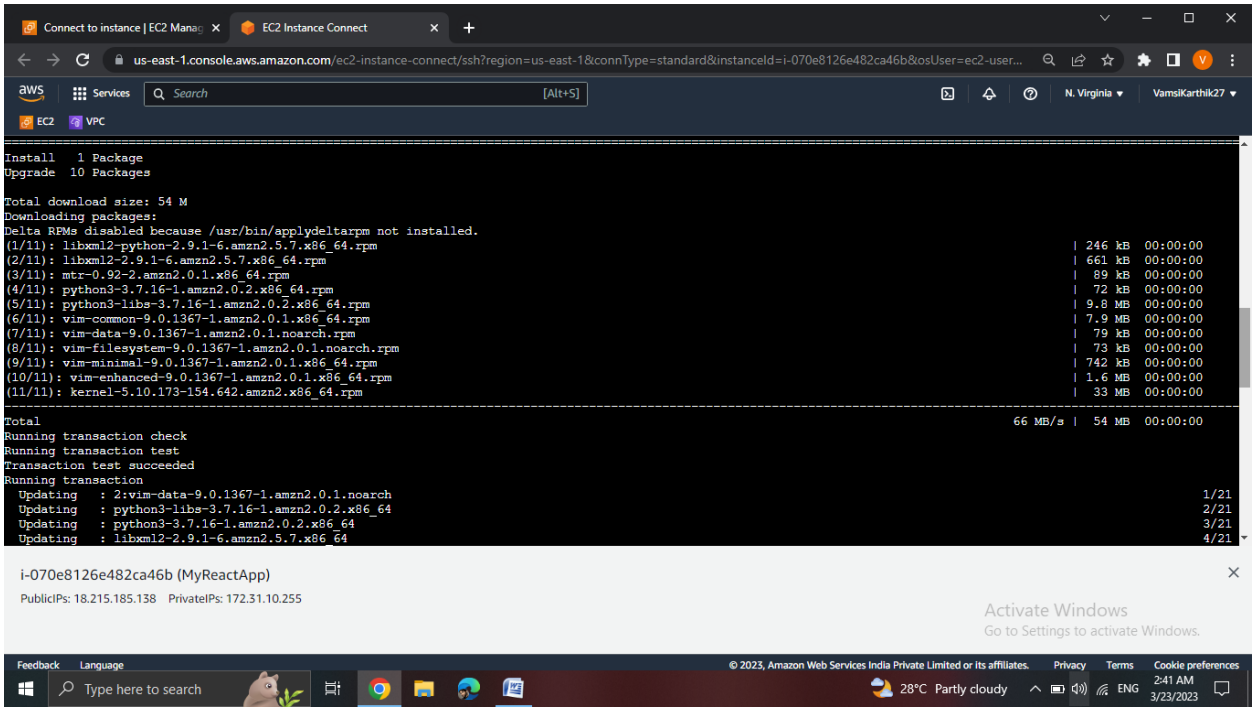
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
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VPC
Install 1 Package
Upgrade 10 Packages
Total download size: 54 M
Downloading packages:
Delta RPMs disabled because /usr/bin/applydeltarpm not installed.
(1/11): libxml2-python-2.9.1-6.amzn2.5.7.x86_64.rpm | 246 kB 00:00:00
(2/11): libxml2-2.9.1-6.amzn2.5.7.x86_64.rpm | 661 kB 00:00:00
(3/11): mtr-0.92-2.amzn2.0.1.x86_64.rpm | 89 kB 00:00:00
(4/11): python3-3.7.16-1.amzn2.0.2.x86_64.rpm | 72 kB 00:00:00
(5/11): python3-libs-3.7.16-1.amzn2.0.2.x86_64.rpm | 9.8 MB 00:00:00
(6/11): vim-common-9.0.1367-1.amzn2.0.1.x86_64.rpm | 7.9 MB 00:00:00
(7/11): vim-data-9.0.1367-1.amzn2.0.1.noarch.rpm | 79 kB 00:00:00
(8/11): vim-filesystem-9.0.1367-1.amzn2.0.1.noarch.rpm | 73 kB 00:00:00
(9/11): vim-minimal-9.0.1367-1.amzn2.0.1.x86_64.rpm | 742 kB 00:00:00
(10/11): vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64.rpm | 1.6 MB 00:00:00
(11/11): kernel-5.10.173-154.642.amzn2.x86_64.rpm | 33 MB 00:00:00
Total 66 MB/s | 54 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Updating : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 1/21
Updating : python3-libs-3.7.16-1.amzn2.0.2.x86_64 2/21
Updating : python3-3.7.16-1.amzn2.0.2.x86_64 3/21
Updating : libxml2-2.9.1-6.amzn2.5.7.x86_64 4/21
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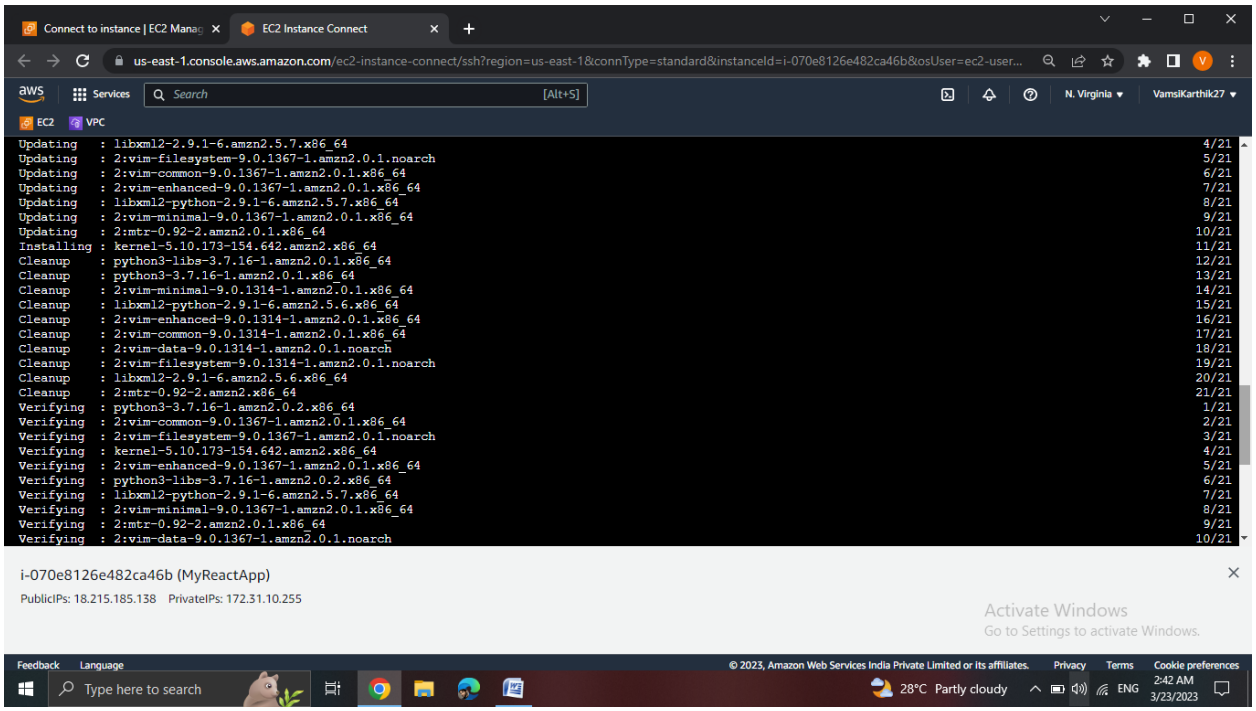
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
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EC2
VPC
Updating : libxml2-2.9.1-6.amzn2.5.7.x86_64 4/21
Updating : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 5/21
Updating : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 6/21
Updating : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 7/21
Updating : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 8/21
Updating : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 9/21
Updating : 2:mtr-0.92-2.amzn2.0.1.x86_64 10/21
Installing : kernel-5.10.173-154.642.amzn2.x86_64 11/21
Cleanup : python3-libs-3.7.16-1.amzn2.0.1.x86_64 12/21
Cleanup : python3-3.7.16-1.amzn2.0.1.x86_64 13/21
Cleanup : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
Cleanup : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 15/21
Cleanup : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 16/21
Cleanup : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 17/21
Cleanup : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 18/21
Cleanup : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 19/21
Cleanup : libxml2-2.9.1-6.amzn2.5.6.x86_64 20/21
Cleanup : 2:mtr-0.92-2.amzn2.x86_64 21/21
Verifying : python3-3.7.16-1.amzn2.0.2.x86_64 1/21
Verifying : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 2/21
Verifying : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 3/21
Verifying : kernel-5.10.173-154.642.amzn2.x86_64 4/21
Verifying : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 5/21
Verifying : python3-libs-3.7.16-1.amzn2.0.2.x86_64 6/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 7/21
Verifying : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 8/21
Verifying : 2:mtr-0.92-2.amzn2.0.1.x86_64 9/21
Verifying : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 10/21
i-070e8126e482ca46b (MyReactApp)
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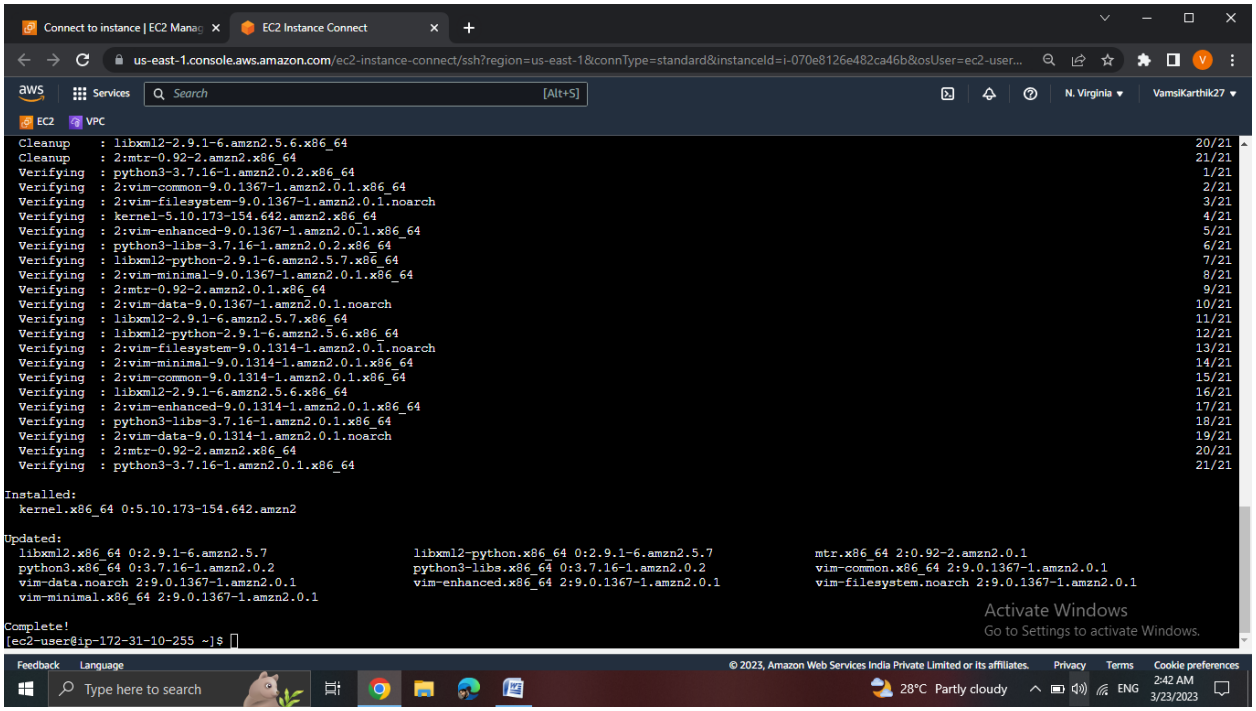
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
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Cleanup : libxml2-2.9.1-6.amzn2.5.6.x86_64 20/21
Cleanup : 2:mtr-0.92-2.amzn2.x86_64 21/21
Verifying : python3-3.7.16-1.amzn2.0.2.x86_64 1/21
Verifying : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 2/21
Verifying : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 3/21
Verifying : kernel-5.10.173-154.642.amzn2.x86_64 4/21
Verifying : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 5/21
Verifying : python3-libs-3.7.16-1.amzn2.0.2.x86_64 6/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 7/21
Verifying : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 8/21
Verifying : 2:mtr-0.92-2.amzn2.0.1.x86_64 9/21
Verifying : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 10/21
Verifying : libxml2-2.9.1-6.amzn2.5.7.x86_64 11/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 12/21
Verifying : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 13/21
Verifying : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
Verifying : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 15/21
Verifying : libxml2-2.9.1-6.amzn2.5.6.x86_64 16/21
Verifying : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 17/21
Verifying : python3-libs-3.7.16-1.amzn2.0.1.x86_64 18/21
Verifying : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 19/21
Verifying : 2:mtr-0.92-2.amzn2.x86_64 20/21
Verifying : python3-3.7.16-1.amzn2.0.1.x86_64 21/21
Installed:
kernel.x86_64 0:5.10.173-154.642.amzn2
Updated:
libxml2.x86_64 0:2.9.1-6.amzn2.5.7
libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7
mtr.x86_64 2:0.92-2.amzn2.0.1
python3.x86_64 0:3.7.16-1.amzn2.0.2
python3-libs.x86_64 0:3.7.16-1.amzn2.0.2
vim-common.x86_64 2:9.0.1367-1.amzn2.0.1
vim-data.noarch 2:9.0.1367-1.amzn2.0.1
vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1
vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1
Complete!
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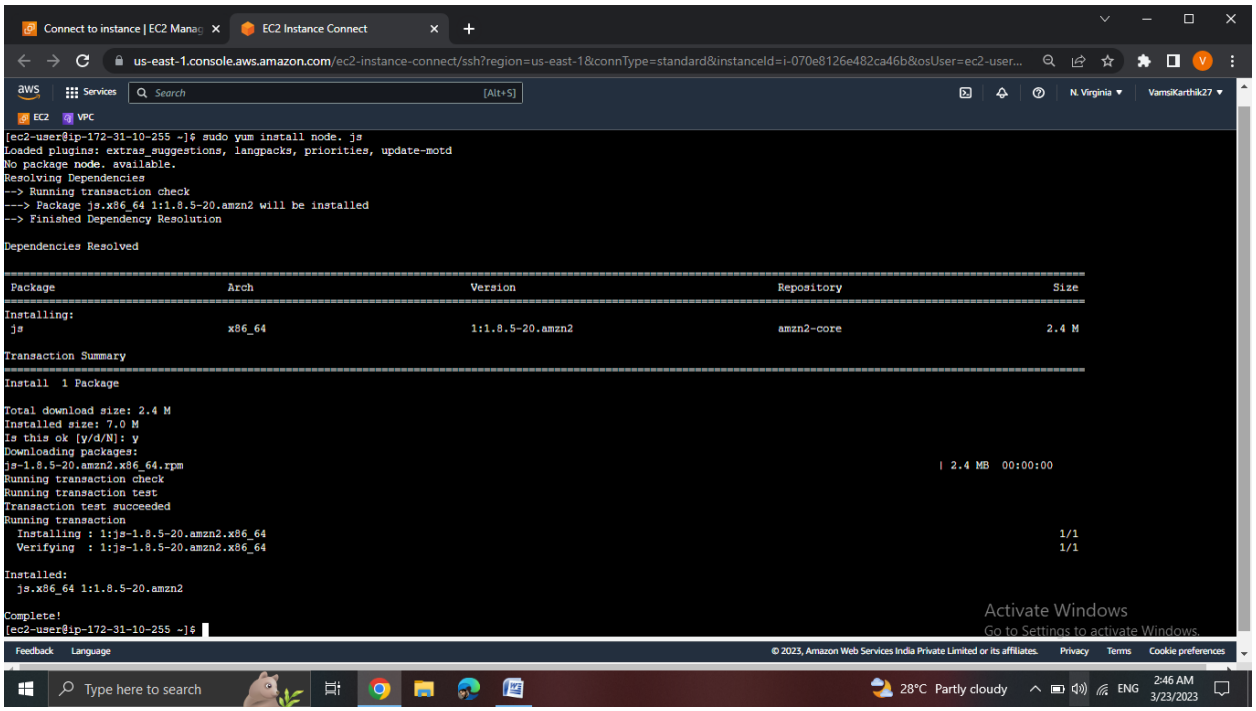
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user...
Services
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[ec2-user@ip-172-31-10-255 ~]$ sudo yum install node. js
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No package node. available.
Resolving Dependencies
--> Running transaction check
---> Package js.x86_64 1:1.8.5-20.amzn2 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
Package Arch Version Repository Size
Installing:
js x86_64 1:1.8.5-20.amzn2 amzn2-core 2.4 M
Transaction Summary
Install 1 Package
Total download size: 2.4 M
Installed size: 7.0 M
Is this ok [y/d/N]: y
Downloading packages:
js-1.8.5-20.amzn2.x86_64.rpm | 2.4 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : 1:js-1.8.5-20.amzn2.x86_64 1/1
Verifying : 1:js-1.8.5-20.amzn2.x86_64 1/1
Installed:
js.x86_64 1:1.8.5-20.amzn2
Complete!
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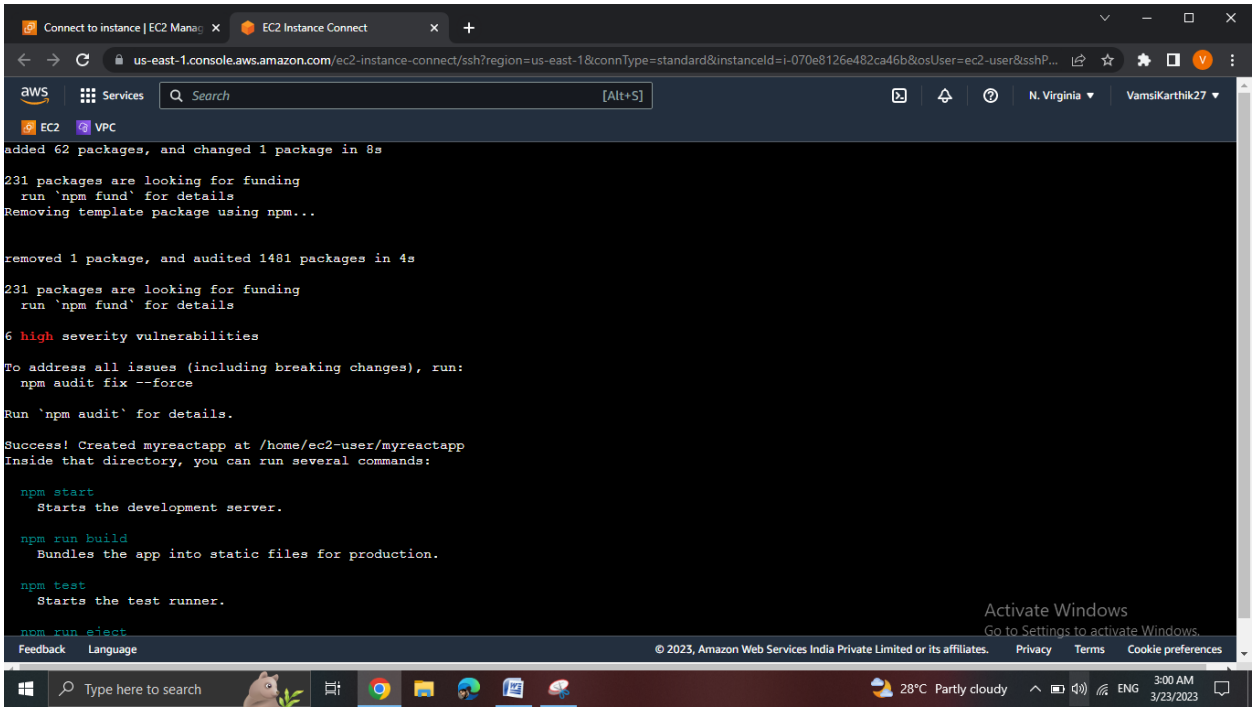
```
[ec2-user@ip-172-31-10-255 ~]$ curl -o- https://raw.githubusercontent.com/nvm-sh/nvm/v0.39.3/install.sh | bash
  % Total    % Received % Xferd  Average Speed   Time    Time     Time  Current
                                 Dload  Upload   Total   Spent    Left  Speed
100 15916  100 15916    0     0   690k      0 --:--:-- --:--:-- --:--:--  706k
=> Downloading nvm as script to '/home/ec2-user/.nvm'

=> Appending nvm source string to /home/ec2-user/.bashrc
=> Appending bash_completion source string to /home/ec2-user/.bashrc
=> Close and reopen your terminal to start using nvm or run the following to use it now:

export NVM_DIR="$HOME/.nvm"
[ -s "$NVM_DIR/nvm.sh" ] && \. "$NVM_DIR/nvm.sh"  # This loads nvm
[ -s "$NVM_DIR/bash_completion" ] && \. "$NVM_DIR/bash_completion"  # This loads nvm bash_completion
[ec2-user@ip-172-31-10-255 ~]$ . ~/.nvm/nvm.sh
[ec2-user@ip-172-31-10-255 ~]$ nvm install --lts
Installing latest LTS version.
Downloading and installing node v18.15.0...
Downloading https://nodejs.org/dist/v18.15.0/node-v18.15.0-linux-x64.tar.xz...
######################################################
```


Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user&sshP...
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added 62 packages, and changed 1 package in 8s
231 packages are looking for funding
run `npm fund` for details
Removing template package using npm...
removed 1 package, and audited 1481 packages in 4s
231 packages are looking for funding
run `npm fund` for details
6 high severity vulnerabilities
To address all issues (including breaking changes), run:
npm audit fix --force
Run `npm audit` for details.
Success! Created myreactapp at /home/ec2-user/myreactapp
Inside that directory, you can run several commands:
npm start
Starts the development server.
npm run build
Bundles the app into static files for production.
npm test
Starts the test runner.
npm run eject
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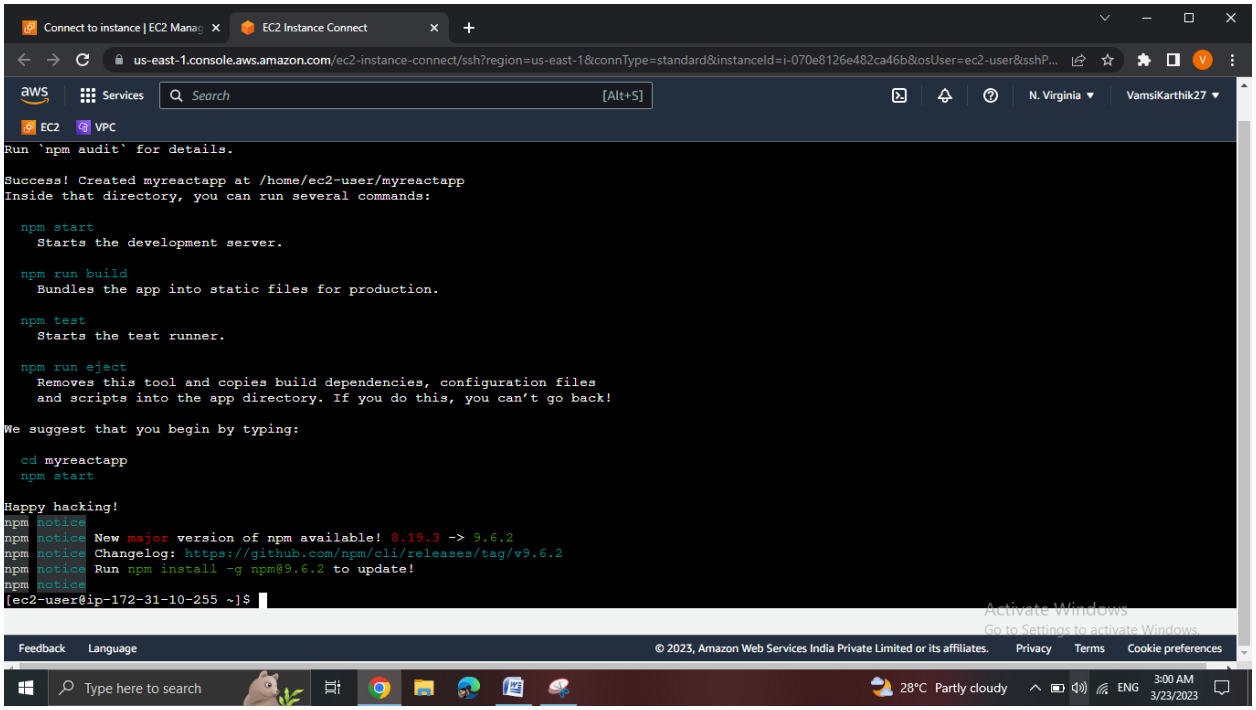
Connect to instance | EC2 Manag
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=us-east-1&connType=standard&instanceId=i-070e8126e482ca46b&osUser=ec2-user&sshP...
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VPC
Run `npm audit` for details.
Success! Created myreactapp at /home/ec2-user/myreactapp
Inside that directory, you can run several commands:
npm start
Starts the development server.
npm run build
Bundles the app into static files for production.
npm test
Starts the test runner.
npm run eject
Removes this tool and copies build dependencies, configuration files
and scripts into the app directory. If you do this, you can't go back!
We suggest that you begin by typing:
cd myreactapp
npm start
Happy hacking!
npm notice
npm notice New major version of npm available! 8.19.3 -> 9.6.2
npm notice Changelog: https://github.com/npm/cli/releases/tag/v9.6.2
npm notice Run npm install -g npm@9.6.2 to update!
npm notice
[ec2-user@ip-172-31-10-255 ~]$
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```
[ec2-user@ip-172-31-10-255 ~]$ cd myapp
[ec2-user@ip-172-31-10-255 myapp]$ ls
node_modules  package.json  package-lock.json  public  README.md  src
[ec2-user@ip-172-31-10-255 myapp]$ npm install -g npm@9.6.2

changed 16 packages in 3s

16 packages are looking for funding
  run `npm fund` for details
[ec2-user@ip-172-31-10-255 myapp]$
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
  run `npm fund` for details
[ec2-user@ip-172-31-10-255 myapp]$ git clone https://github.com/snehal-herovired/Devops_Batch_Aditya
Cloning into 'Devops_Batch_Aditya'...
remote: Enumerating objects: 5599, done.
remote: Counting objects: 100% (114/114), done.
remote: Compressing objects: 100% (104/104), done.
remote: Total 5599 (delta 12), reused 95 (delta 7), pack-reused 5485
Receiving objects: 100% (5599/5599), 462.53 MiB | 30.49 MiB/s, done.
Resolving deltas: 100% (748/748), done.
[ec2-user@ip-172-31-10-255 myapp]$ ls
Devops_Batch_Aditya  node_modules  package.json  package-lock.json  public  README.md  src
[ec2-user@ip-172-31-10-255 myapp]$ cd Devops_Batch_Aditya
[ec2-user@ip-172-31-10-255 Devops_Batch_Aditya]$ ls
amazonreact            cloud_computing.png      Docker.png          github.png    LearningGIt            nodejs       somelinuxcommand.png      virtualization.png
Amazon static webpage  CLoud introducttion.txt  Docker.txt          Jenkins.png   linuxCommand.txt       pythonflask  Untitled.png
ci-cd_bash_cron.png    DockerDesktop.png        Git and github.txt  leanring.txt  New Text Document.txt  sample.py    virtualization_linux.txt
[ec2-user@ip-172-31-10-255 Devops_Batch_Aditya]$ cd amazonreact
[ec2-user@ip-172-31-10-255 amazonreact]$
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
amazonreact            cloud_computing.png      Docker.png          github.png    LearningGIt
Amazon static webpage  CLoud introducttion.txt  Docker.txt          Jenkins.png   linuxCommand.t
ci-cd_bash_cron.png    DockerDesktop.png        Git and github.txt  leanring.txt  New Text Docum
[ec2-user@ip-172-31-10-255 Devops_Batch_Aditya]$ cd amazonreact
[ec2-user@ip-172-31-10-255 amazonreact]$ npm run build

> amazonreact@0.1.0 build
> react-scripts build

Creating an optimized production build...
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
[ec2-user@ip-172-31-10-255 Devops_Batch_Aditya]$ cd amazonreact
[ec2-user@ip-172-31-10-255 amazonreact]$ npm install
npm WARN old lockfile
npm WARN old lockfile The package-lock.json file was created with an old version of npm,
npm WARN old lockfile so supplemental metadata must be fetched from the registry.
npm WARN old lockfile
npm WARN old lockfile This is a one-time fix-up, please be patient...
npm WARN old lockfile
(                    ) ⠼ idealTree:inflate:node_modules/magic-string: sill inflate node_modules/magic-string
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
added 1469 packages, and audited 1470 packages in 1m

226 packages are looking for funding
  run `npm fund` for details

8 high severity vulnerabilities

To address issues that do not require attention, run:
  npm audit fix

To address all issues (including breaking changes), run:
  npm audit fix --force

Run `npm audit` for details.
[ec2-user@ip-172-31-10-255 amazonreact]$ npm run build
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
Run `npm audit` for details.
[ec2-user@ip-172-31-10-255 amazonreact]$ npm run build

> amazonreact@0.1.0 build
> react-scripts build

Creating an optimized production build...
```

i-070e8126e482ca46b (MyReactApp)

PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
File sizes after gzip:

  59.6 kB  build/static/js/main.5f8ae29d.js
  855 B    build/static/css/main.059d7354.css

The project was built assuming it is hosted at /.
You can control this with the homepage field in your package.json.

The build folder is ready to be deployed.
You may serve it with a static server:

  npm install -g serve
  serve -s build

Find out more about deployment here:

  https://cra.link/deployment

[ec2-user@ip-172-31-10-255 amazonreact]$
```

i-070e8126e482ca46b (MyReactApp)

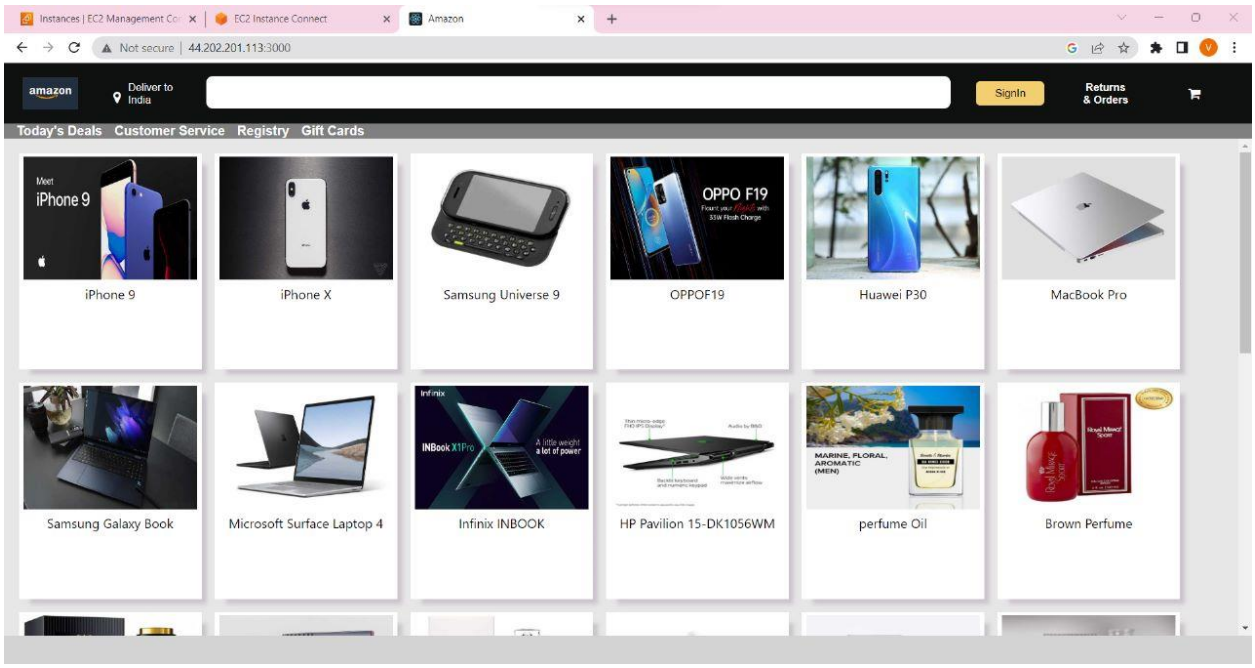
PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

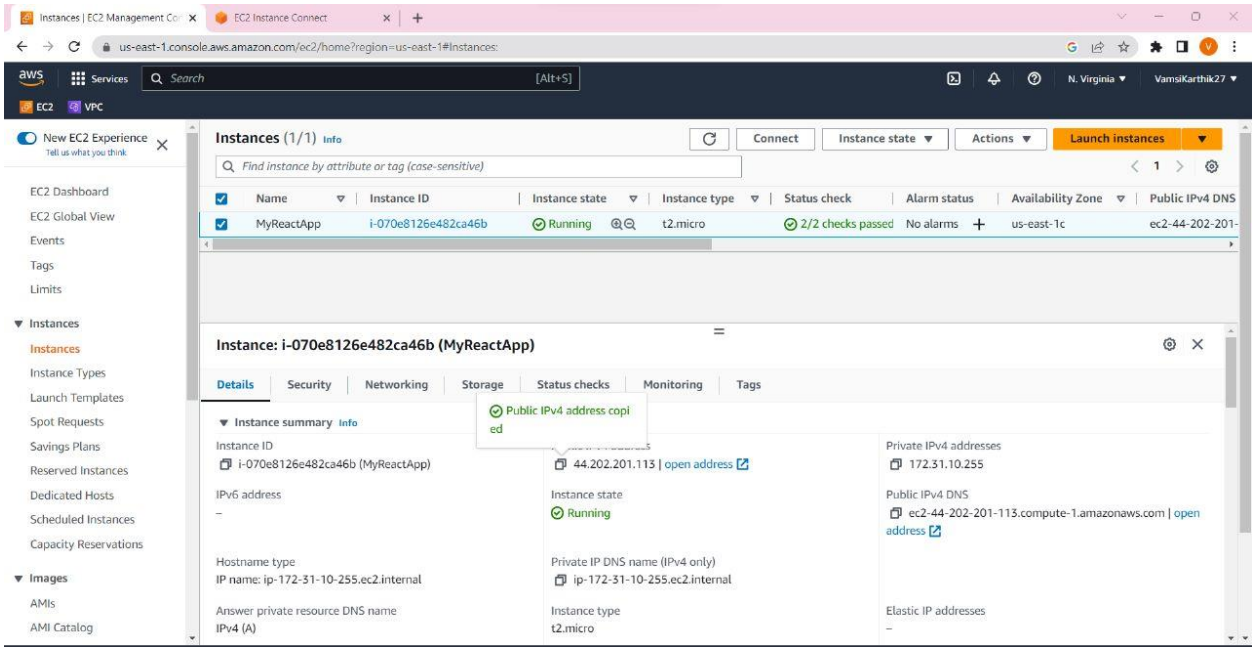
```
Find out more about deployment here:

  https://cra.link/deployment

[ec2-user@ip-172-31-10-255 amazonreact]$ npm run start

> amazonreact@0.1.0 start
> react-scripts start
```

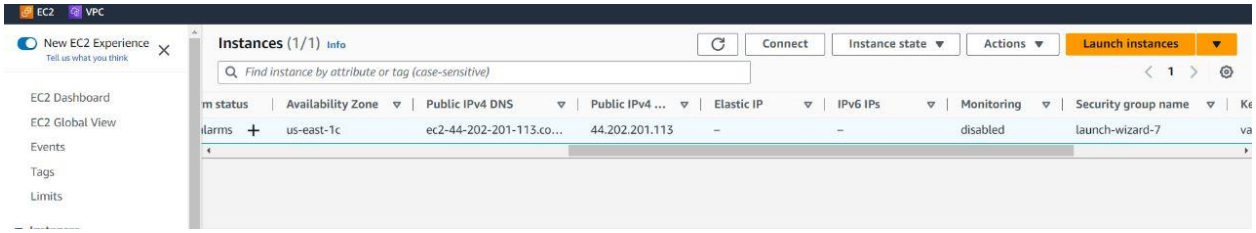
i-070e8126e482ca46b (MyReactApp)

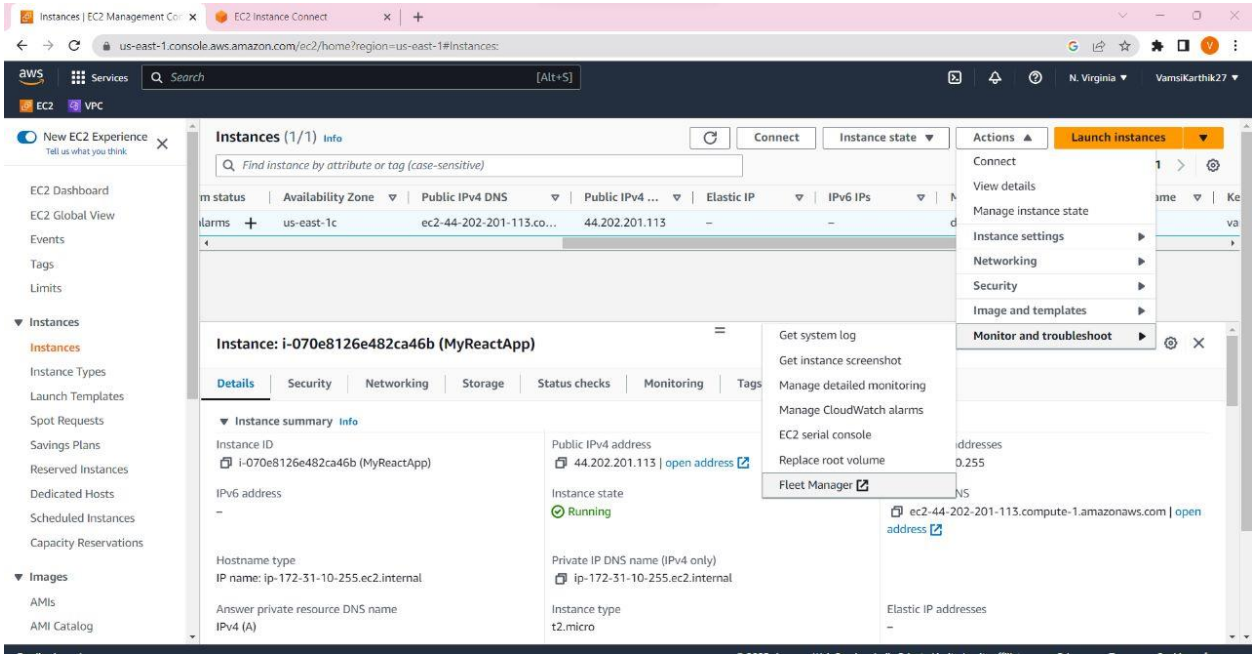
PublicIPs: 44.202.201.113 PrivateIPs: 172.31.10.255

```
Compiled with warnings.

[eslint]
src/components/Subheader/Subheader.js
  Line 11:9:   'hoverstyle' is assigned a value but never used      no-unused-vars
  Line 15:11:  'handleHoverin' is assigned a value but never used   no-unused-vars
  Line 18:11:  'handleHoverout' is assigned a value but never used  no-unused-vars

Search for the keywords to learn more about each warning.
To ignore, add // eslint-disable-next-line to the line before.

WARNING in [eslint]
src/components/Subheader/Subheader.js
  Line 11:9:   'hoverstyle' is assigned a value but never used      no-unused-vars
  Line 15:11:  'handleHoverin' is assigned a value but never used   no-unused-vars
  Line 18:11:  'handleHoverout' is assigned a value but never used  no-unused-vars

webpack compiled with 1 warning
```




Instances | EC2 Management Co
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
MyReactApp
i-070e8126e482ca46b
Running
t2.micro
2/2 checks passed
No alarms
us-east-1c
Instance: i-070e8126e482ca46b (MyReactApp)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Public IPv4 address copied
Instance summary Info
Instance ID
i-070e8126e482ca46b (MyReactApp)
44.202.201.113 | open address
Private IPv4 addresses
172.31.10.255
IPv6 address
–
Instance state
Running
Public IPv4 DNS
ec2-44-202-201-113.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-10-255.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-10-255.ec2.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
–


EC2
VPC
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Availability Zone
Public IPv4 DNS
Public IPv4 ...
Elastic IP
IPv6 IPs
Monitoring
Security group name
us-east-1c
ec2-44-202-201-113.co...
44.202.201.113
disabled
launch-wizard-7


Instances | EC2 Management Co
EC2 Instance Connect
us-east-1.console.aws.amazon.com/ec2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
New EC2 Experience
Tell us what you think
EC2 Dashboard
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Instances
Instance Types
Launch Templates
Spot Requests
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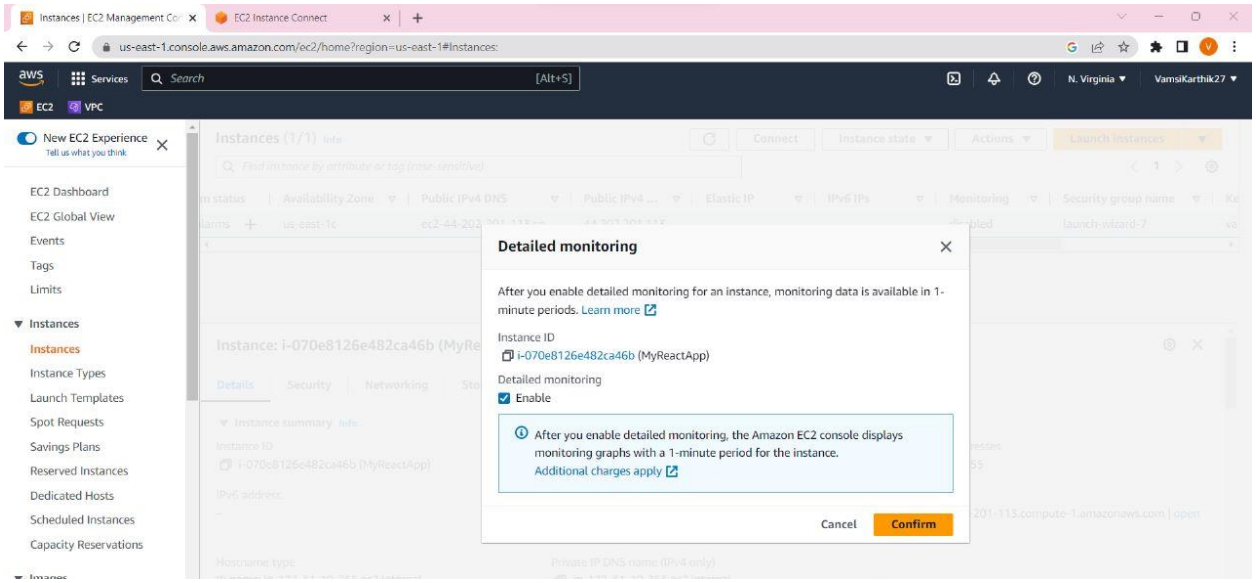
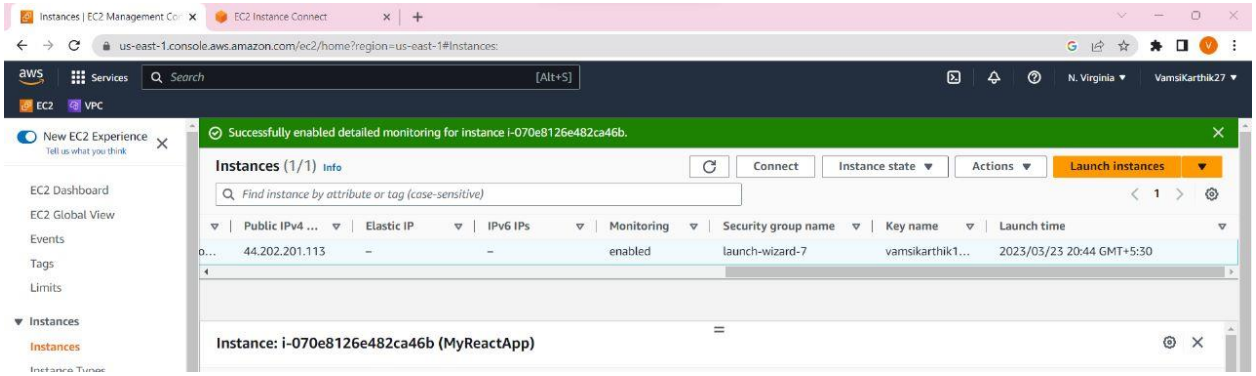
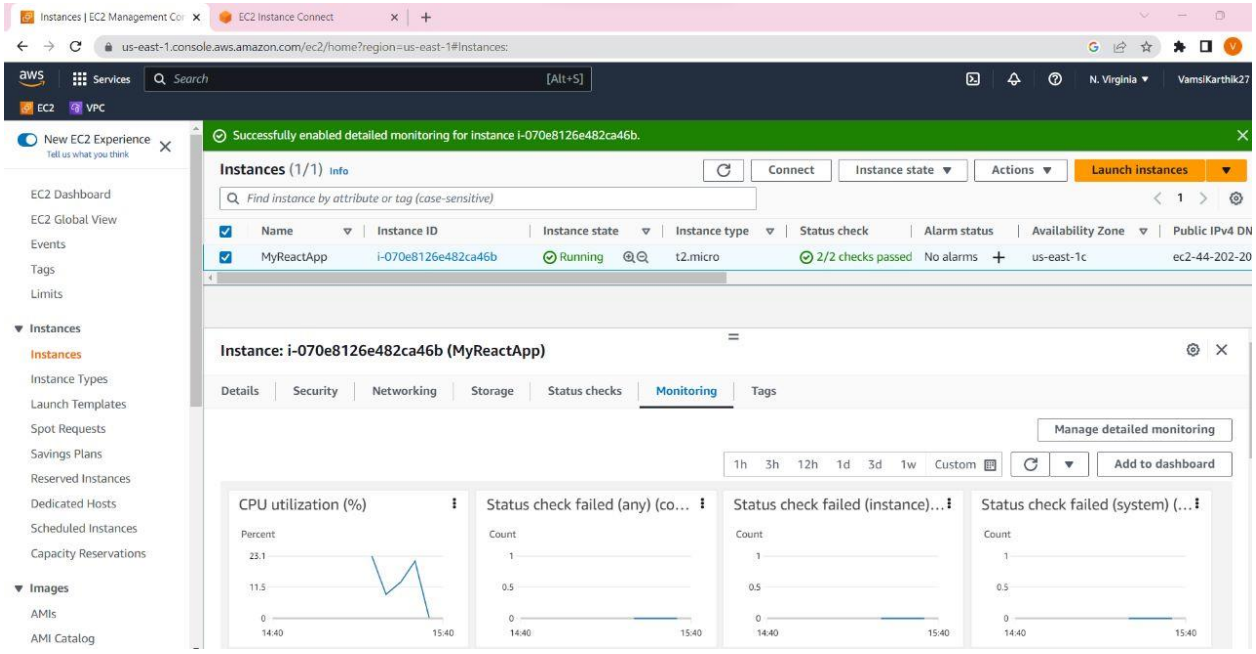
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Availability Zone
Public IPv4 DNS
Public IPv4 ...
Elastic IP
IPv6 IPs
us-east-1c
ec2-44-202-201-113.co...
44.202.201.113
Connect
View details
Manage instance state
Instance settings
Networking
Security
Image and templates
Monitor and troubleshoot
Get system log
Get instance screenshot
Manage detailed monitoring
Manage CloudWatch alarms
EC2 serial console
Replace root volume
Fleet Manager
Instance: i-070e8126e482ca46b (MyReactApp)
Details
Security
Networking
Storage
Status checks
Monitoring
Instance summary Info
Instance ID
i-070e8126e482ca46b (MyReactApp)
Public IPv4 address
44.202.201.113 | open address
IPv6 address
–
Instance state
Running
ec2-44-202-201-113.compute-1.amazonaws.com | open address
Hostname type
IP name: ip-172-31-10-255.ec2.internal
Private IP DNS name (IPv4 only)
ip-172-31-10-255.ec2.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
–


Detailed monitoring
After you enable detailed monitoring for an instance, monitoring data is available in 1-minute periods. Learn more
Instance ID
i-070e8126e482ca46b (MyReactApp)
Detailed monitoring
Enable
After you enable detailed monitoring, the Amazon EC2 console displays monitoring graphs with a 1-minute period for the instance.
Additional charges apply
Cancel
Confirm


Successfully enabled detailed monitoring for instance i-070e8126e482ca46b.
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Public IPv4 ...
Elastic IP
IPv6 IPs
Monitoring
Security group name
Key name
Launch time
44.202.201.113
enabled
launch-wizard-7
vamsikarthik1...
2023/03/23 20:44 GMT+5:30
Instance: i-070e8126e482ca46b (MyReactApp)


Successfully enabled detailed monitoring for instance i-070e8126e482ca46b.
Instances (1/1) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
MyReactApp
i-070e8126e482ca46b
Running
t2.micro
2/2 checks passed
No alarms
us-east-1c
Instance: i-070e8126e482ca46b (MyReactApp)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Manage detailed monitoring
Add to dashboard
CPU utilization (%)
Status check failed (any) (co...
Status check failed (instance)...
Status check failed (system) (...