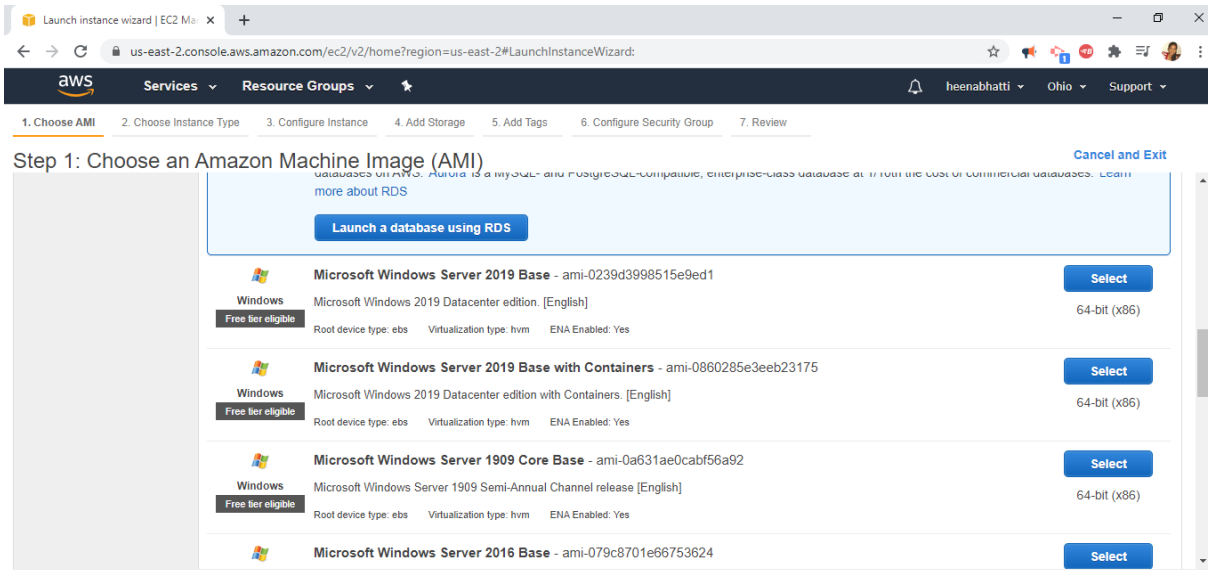
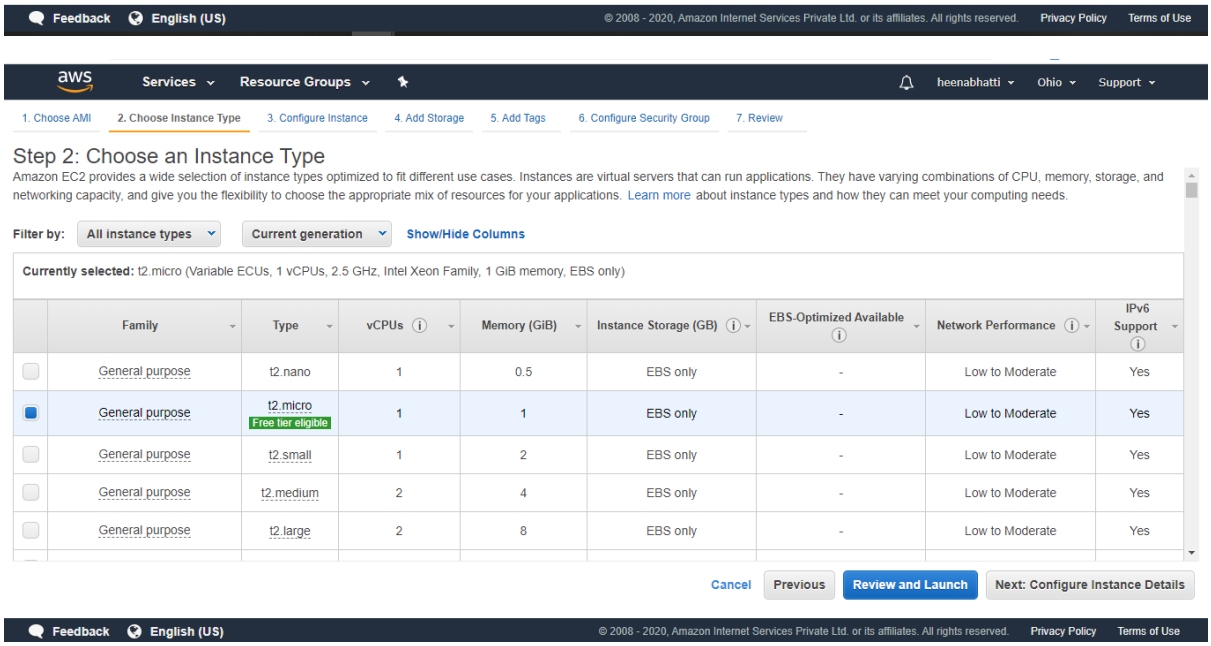
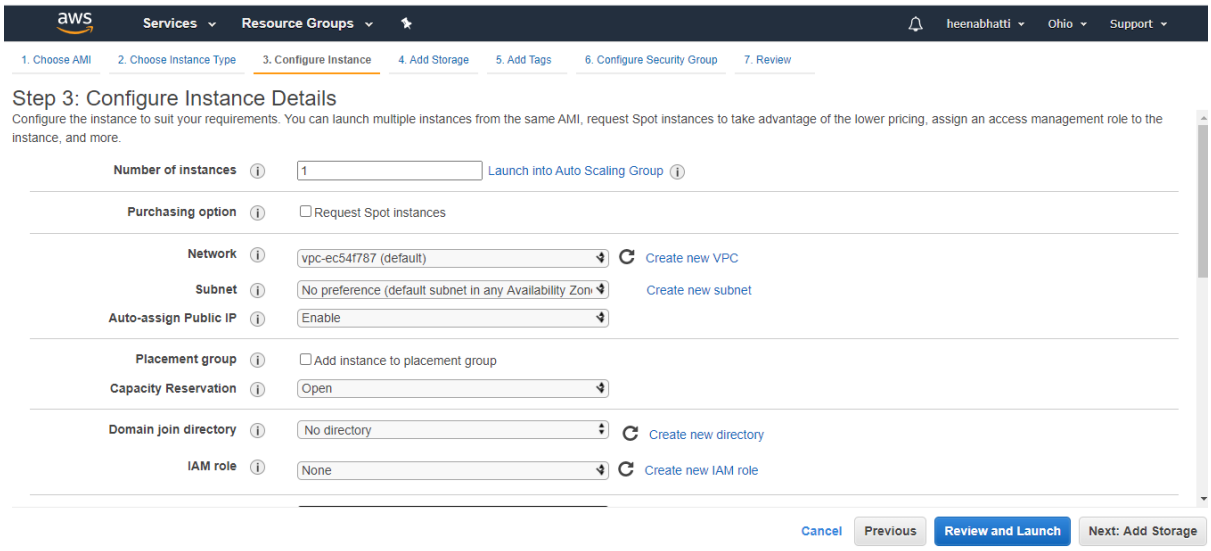
Name: Heena Bhatti

AWS account name: heenabhatti

PROJECT 1: Deploying a web server in Windows instance






Services
Resource Groups
heenabhatti
Ohio
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-ec54f787 (default)
Create new VPC
Subnet
No preference (default subnet in any Availability Zon
Create new subnet
Auto-assign Public IP
Enable
Placement group
Add instance to placement group
Capacity Reservation
Open
Domain join directory
No directory
Create new directory
IAM role
None
Create new IAM role
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
English (US)
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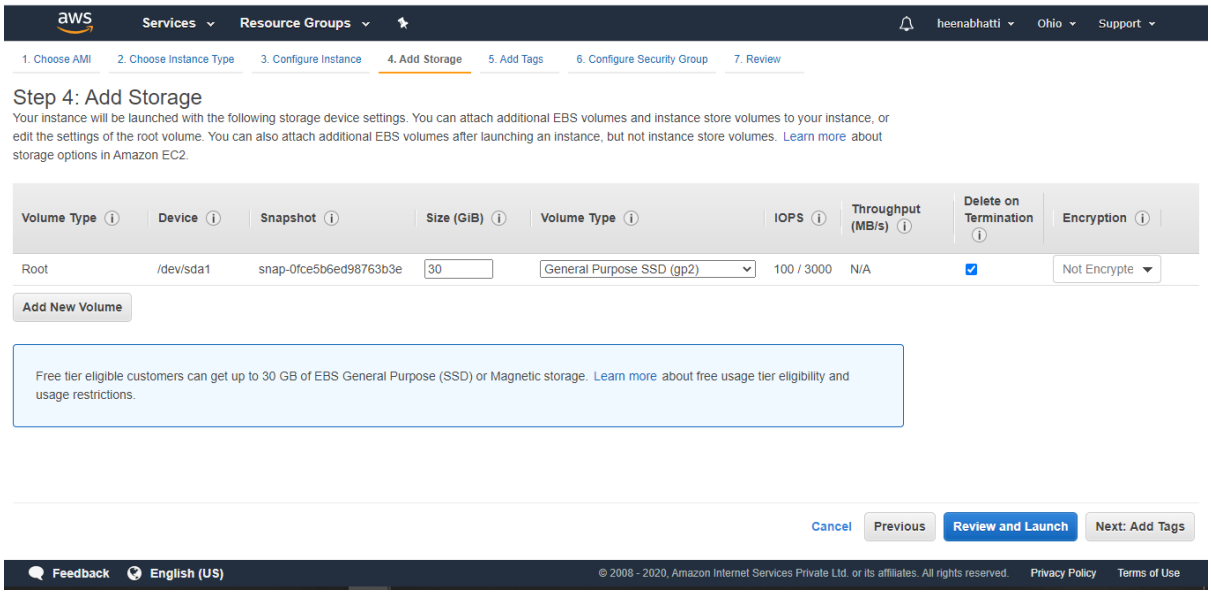
Services
Resource Groups
heenabhatti
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encryption
Root
/dev/sda1
snap-0fce5b6ed98763b3e
30
General Purpose SSD (gp2)
100 / 3000
N/A
Not Encrypte
Add New Volume
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.
Cancel
Previous
Review and Launch
Next: Add Tags
Feedback
English (US)
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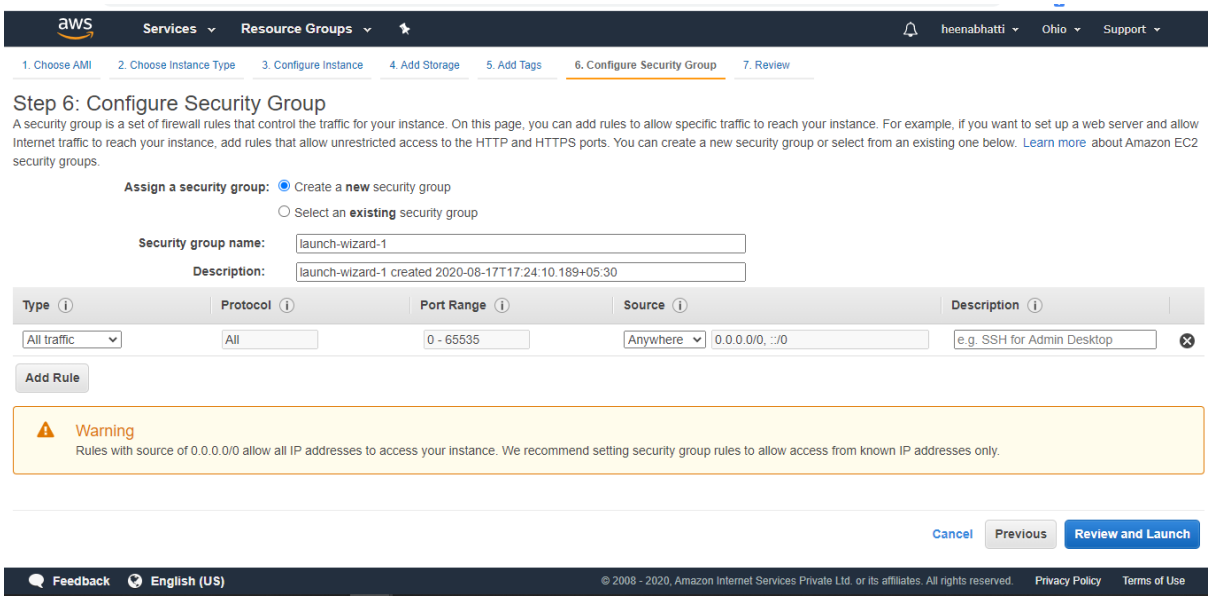
Services
Resource Groups
heenabhatti
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 6: Configure Security Group
A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.
Assign a security group:
Create a new security group
Select an existing security group
Security group name:
launch-wizard-1
Description:
launch-wizard-1 created 2020-08-17T17:24:10.189+05:30
Type
Protocol
Port Range
Source
Description
All traffic
All
0 - 65535
Anywhere
0.0.0.0/0, ::/0
e.g. SSH for Admin Desktop
Add Rule
Warning
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.
Cancel
Previous
Review and Launch
Feedback
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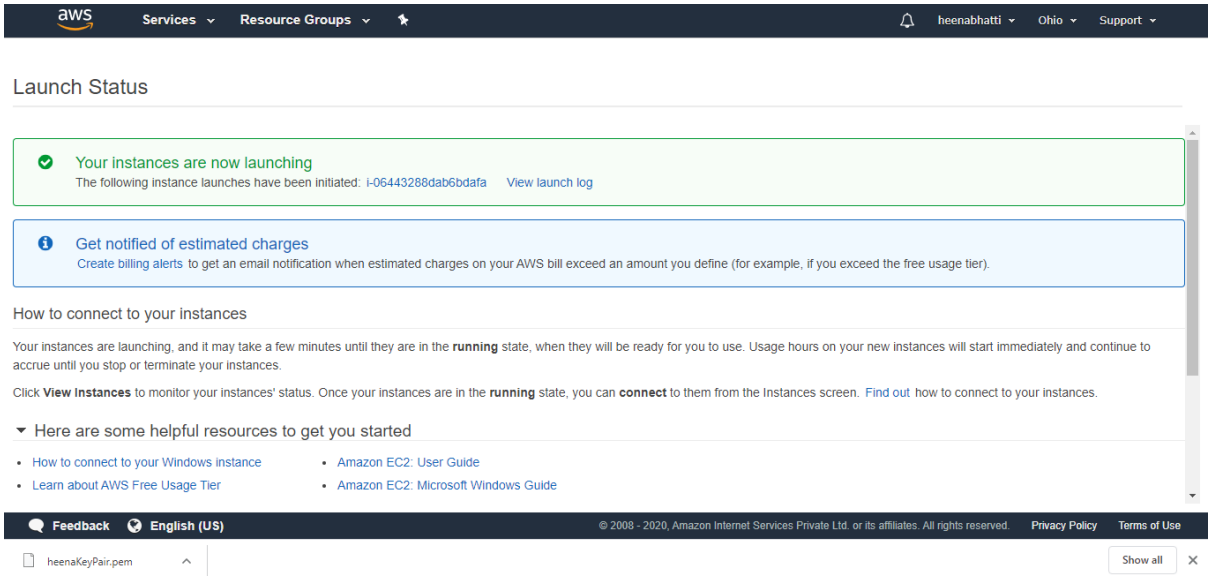
Services
Resource Groups
heenabhatti
Ohio
Support
Launch Status
Your instances are now launching
The following instance launches have been initiated: i-06443288dab6bdafa View launch log
Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).
How to connect to your instances
Your instances are launching, and it may take a few minutes until they are in the running state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.
Click View Instances to monitor your instances' status. Once your instances are in the running state, you can connect to them from the Instances screen. Find out how to connect to your instances.
Here are some helpful resources to get you started
How to connect to your Windows instance
Learn about AWS Free Usage Tier
Amazon EC2: User Guide
Amazon EC2: Microsoft Windows Guide
Feedback
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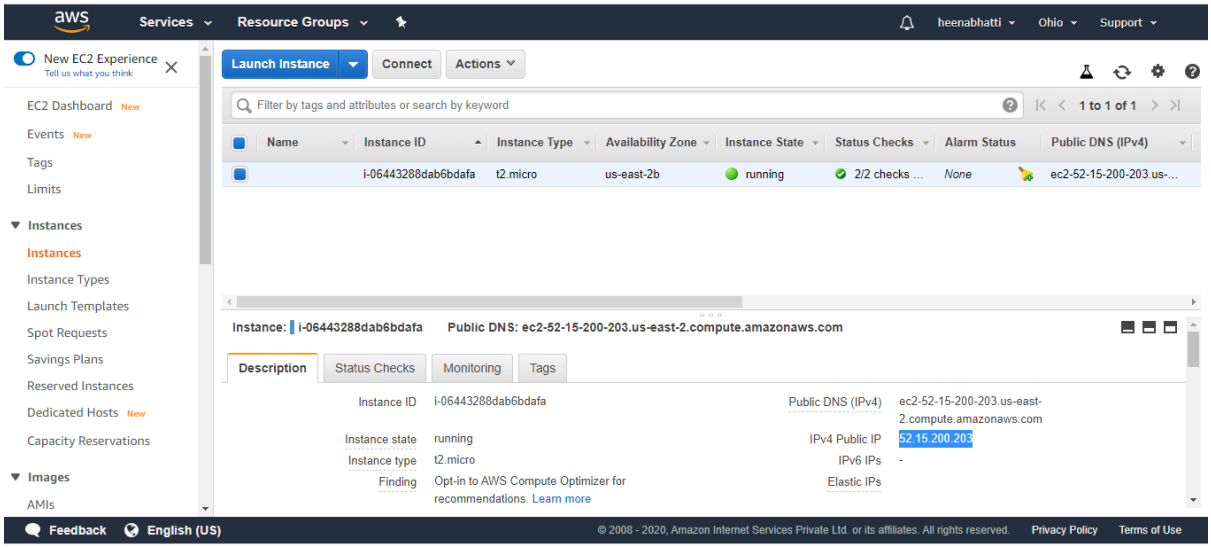
Show all


Services
Resource Groups
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Ohio
Support
New EC2 Experience
Launch Instance
Connect
Actions
EC2 Dashboard
Events
Tags
Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
Filter by tags and attributes or search by keyword
1 to 1 of 1
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
i-06443288dab6bdafa
t2.micro
us-east-2b
running
2/2 checks ...
None
ec2-52-15-200-203.us-...
Instance: i-06443288dab6bdafa
Public DNS: ec2-52-15-200-203.us-east-2.compute.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID
i-06443288dab6bdafa
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for recommendations. Learn more
Public DNS (IPv4)
ec2-52-15-200-203.us-east-2.compute.amazonaws.com
IPv4 Public IP
52.15.200.203
IPv6 IPs
-
Elastic IPs
Feedback
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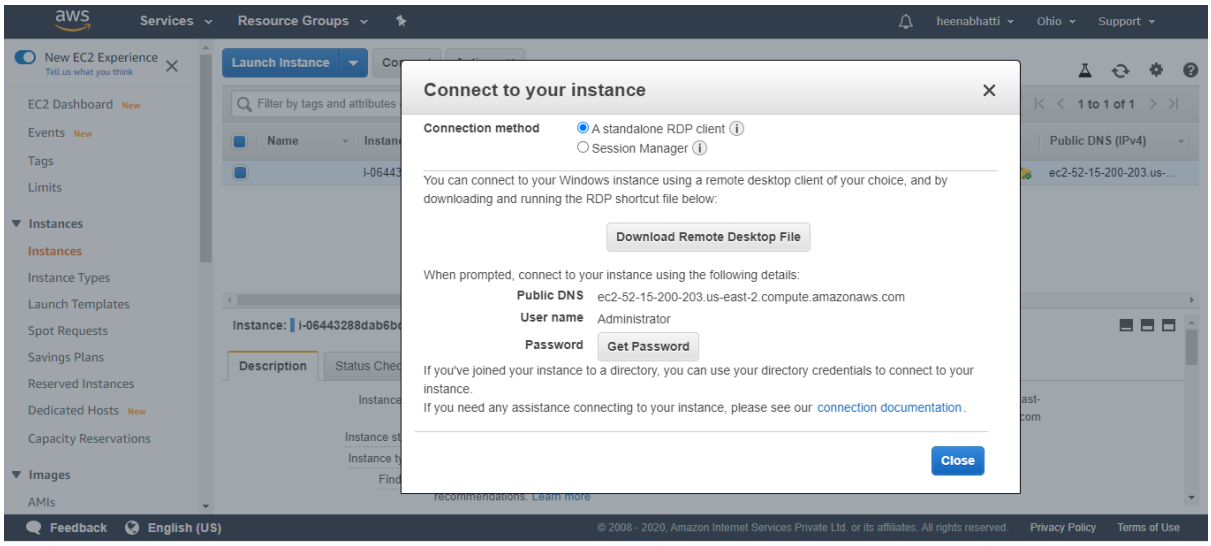
Connect to your instance
Connection method
A standalone RDP client
Session Manager
You can connect to your Windows instance using a remote desktop client of your choice, and by downloading and running the RDP shortcut file below:
Download Remote Desktop File
When prompted, connect to your instance using the following details:
Public DNS
ec2-52-15-200-203.us-east-2.compute.amazonaws.com
User name
Administrator
Password
Get Password
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.
If you need any assistance connecting to your instance, please see our connection documentation.
Close
Feedback
English (US)
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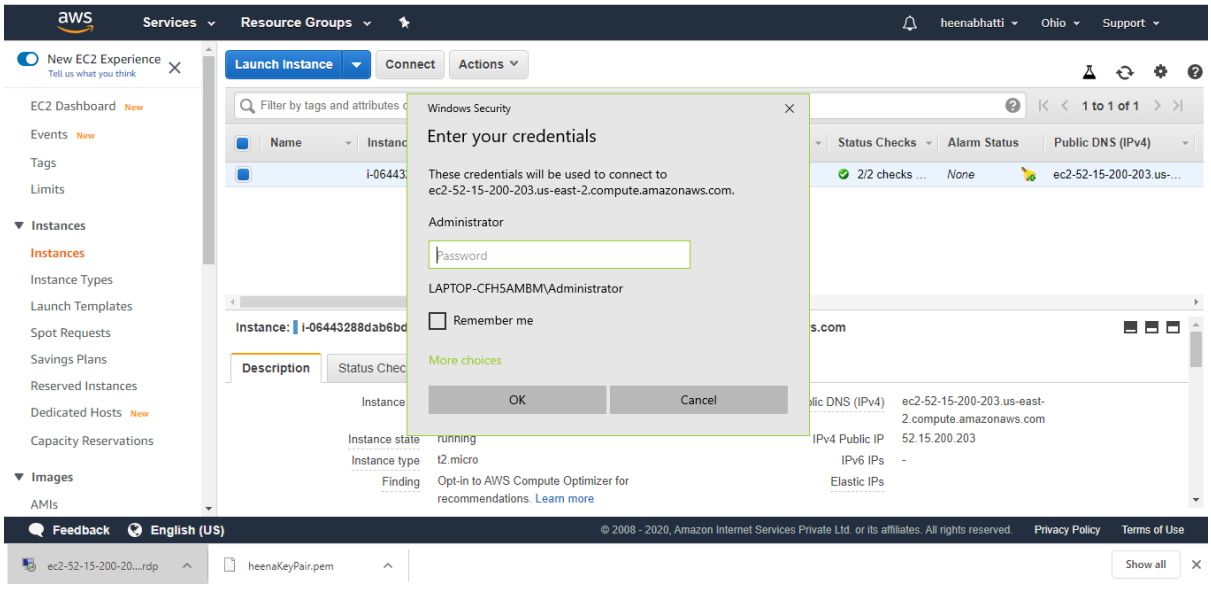
Services
Resource Groups
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Ohio
Support
New EC2 Experience
Launch Instance
Connect
Actions
EC2 Dashboard
Events
Tags
Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
Windows Security
Enter your credentials
These credentials will be used to connect to ec2-52-15-200-203.us-east-2.compute.amazonaws.com.
Administrator
Password
LAPTOP-CFH5AMBM\Administrator
Remember me
More choices
OK
Cancel
Description
Status Checks
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for recommendations. Learn more
IPv4 Public IP
52.15.200.203
IPv6 IPs
Elastic IPs
Feedback
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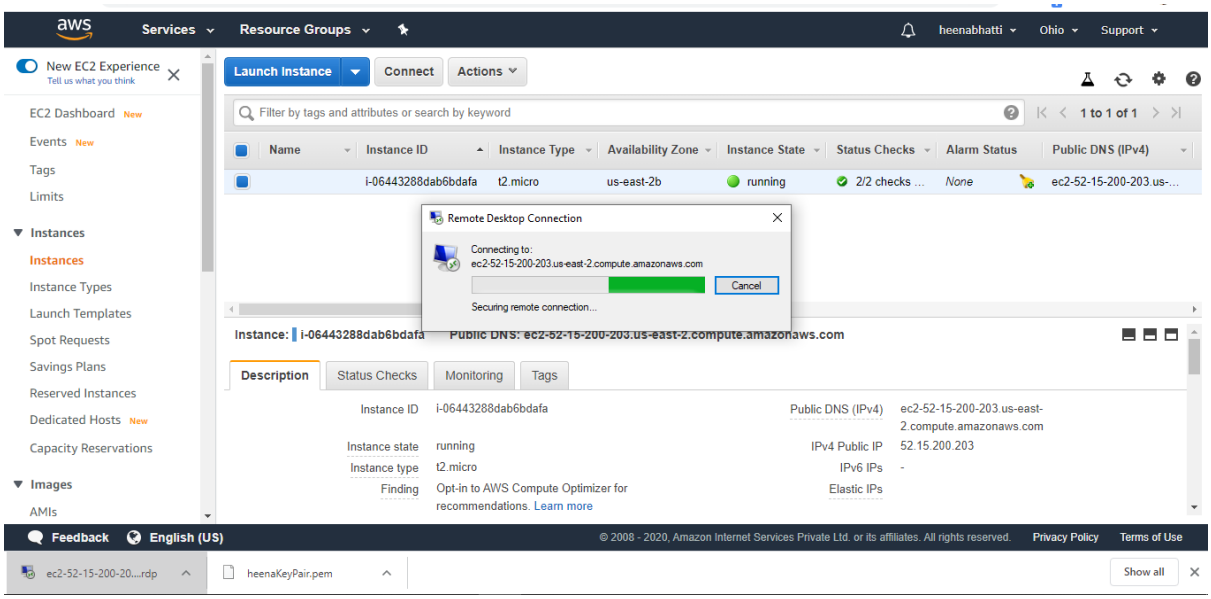
Services
Resource Groups
heenabhatti
Ohio
Support
New EC2 Experience
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
i-06443288dab6bdafa
t2.micro
us-east-2b
running
2/2 checks ...
None
Remote Desktop Connection
Connecting to:
ec2-52-15-200-203.us-east-2.compute.amazonaws.com
Cancel
Securing remote connection...
Description
Status Checks
Monitoring
Tags
Instance ID
i-06443288dab6bdafa
Public DNS (IPv4)
ec2-52-15-200-203.us-east-2.compute.amazonaws.com
Instance state
running
Instance type
t2.micro
Finding
Opt-in to AWS Compute Optimizer for recommendations. Learn more
IPv4 Public IP
52.15.200.203
IPv6 IPs
Elastic IPs
Feedback
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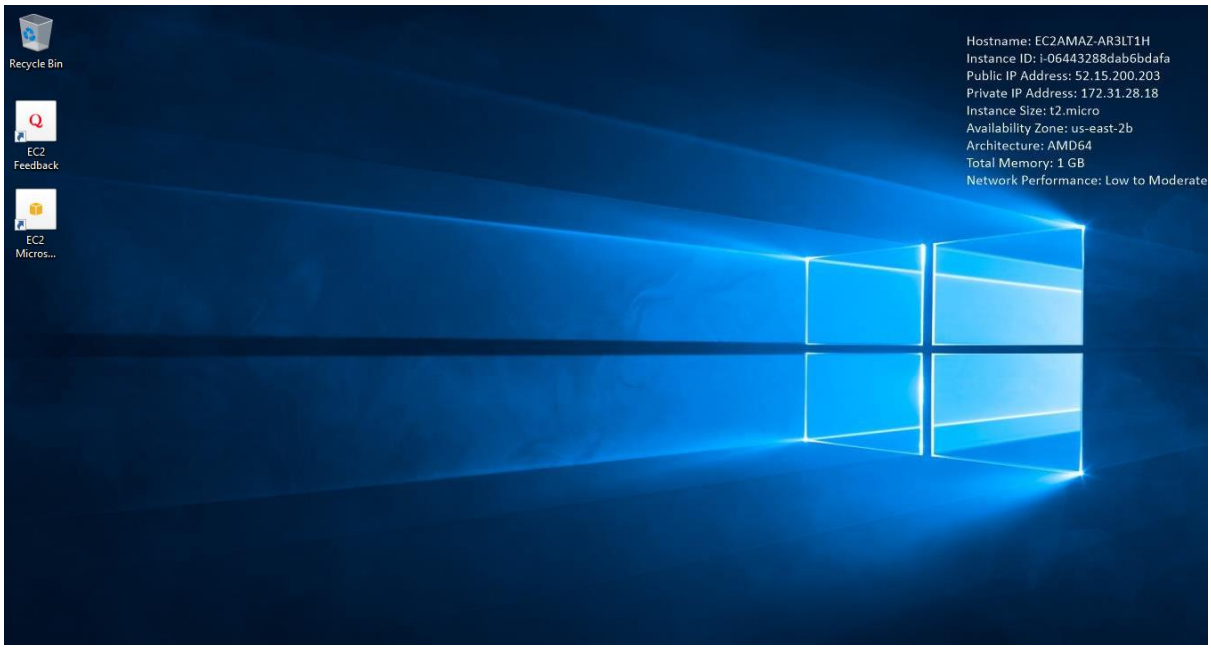
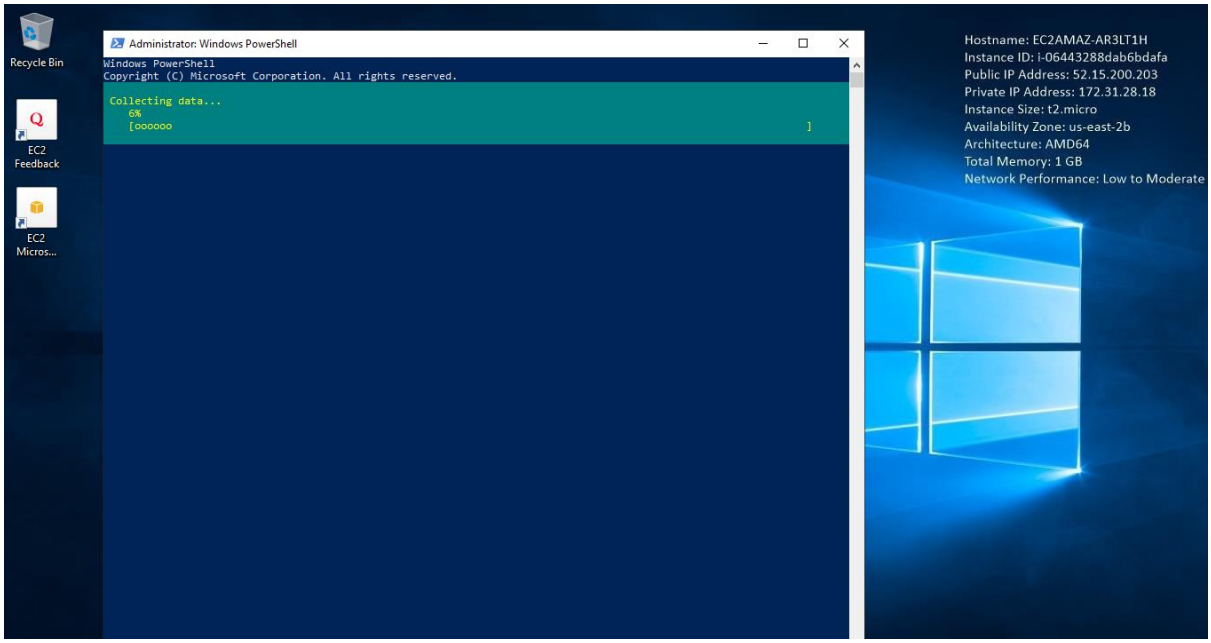
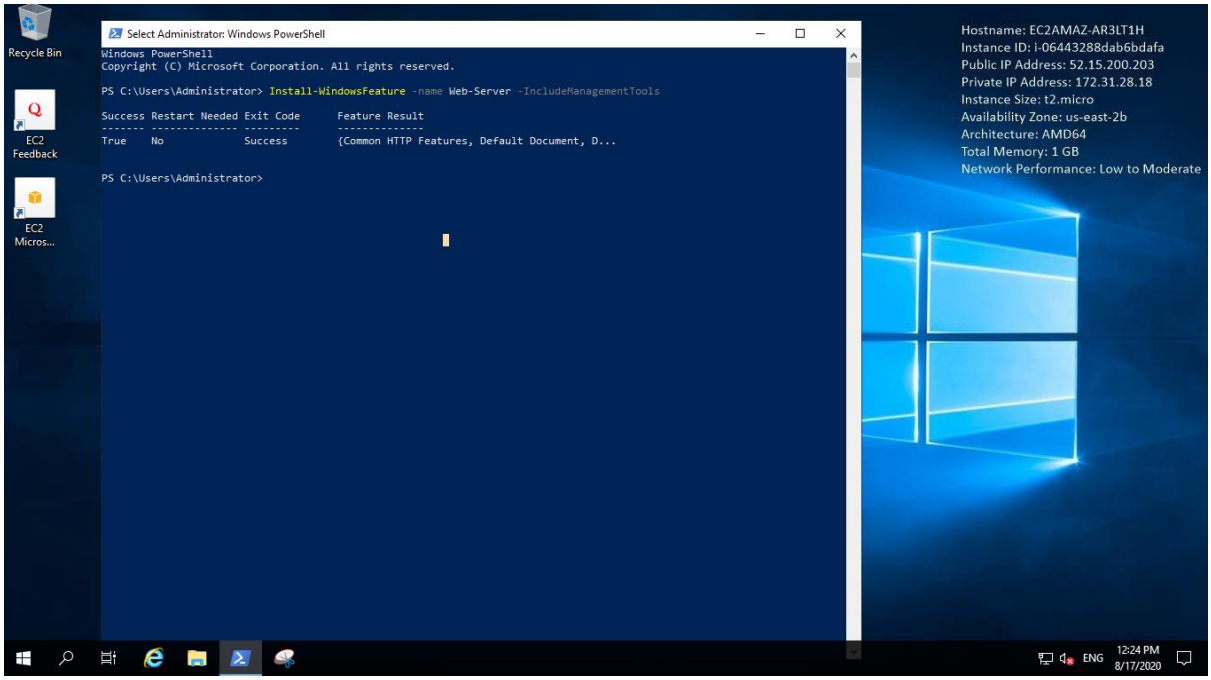
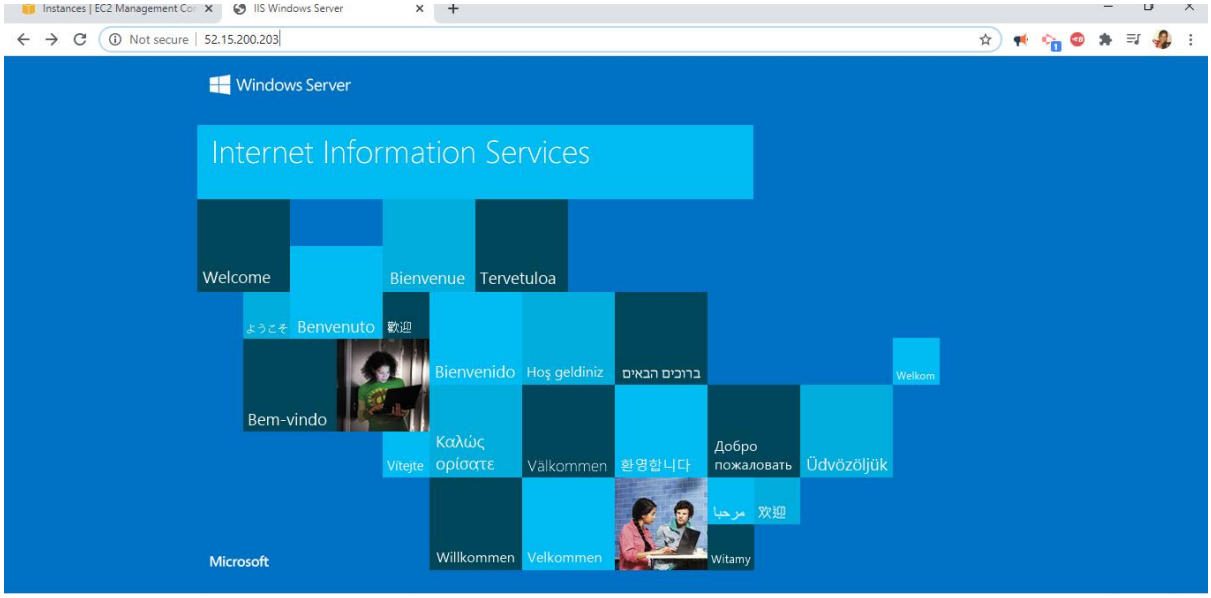
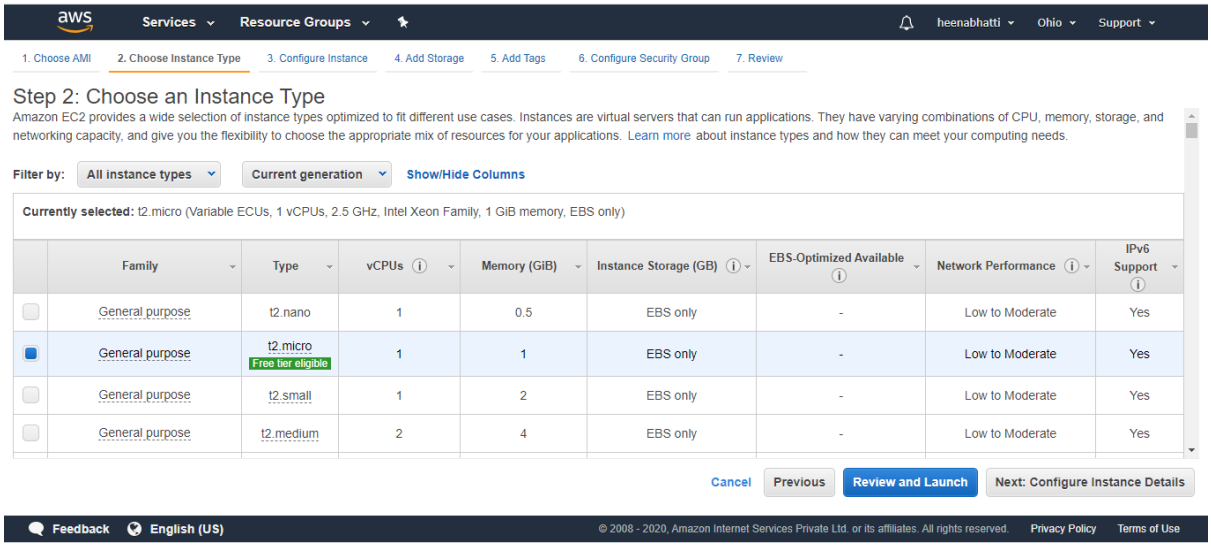

Recycle Bin
EC2 Feedback
EC2 Micros...
Hostname: EC2AMAZ-AR3LT1H
Instance ID: i-06443288dab6bdafa
Public IP Address: 52.15.200.203
Private IP Address: 172.31.28.18
Instance Size: t2.micro
Availability Zone: us-east-2b
Architecture: AMD64
Total Memory: 1 GB
Network Performance: Low to Moderate

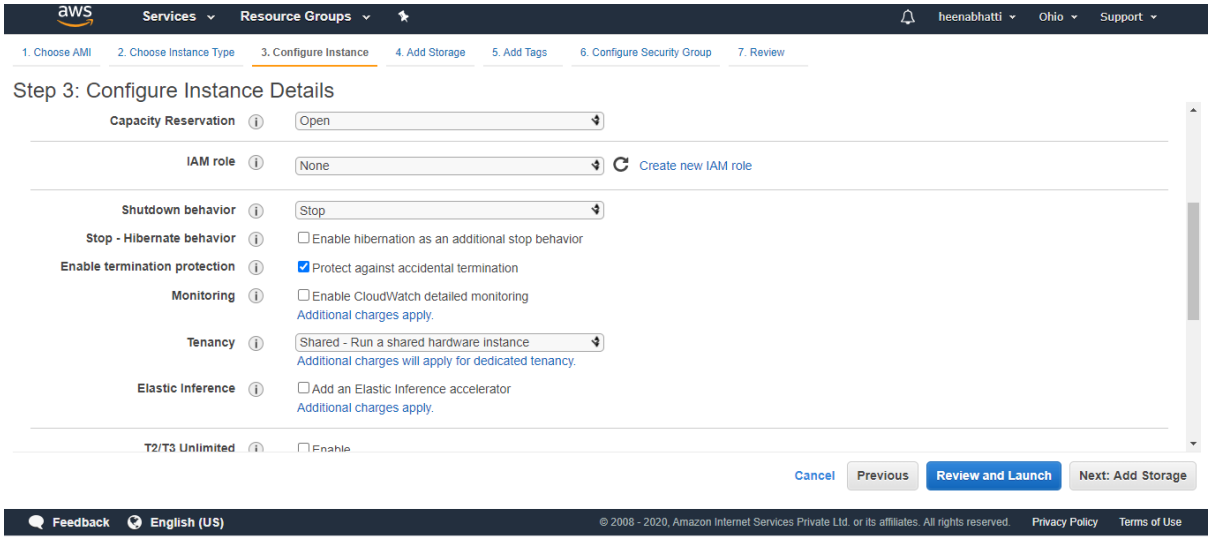

Recycle Bin
EC2 Feedback
EC2 Micros...
Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
Collecting data...
6%
[oooooo]
Hostname: EC2AMAZ-AR3LT1H
Instance ID: i-06443288dab6bdafa
Public IP Address: 52.15.200.203
Private IP Address: 172.31.28.18
Instance Size: t2.micro
Availability Zone: us-east-2b
Architecture: AMD64
Total Memory: 1 GB
Network Performance: Low to Moderate


Recycle Bin
EC2 Feedback
EC2 Micros...
Select Administrator: Windows PowerShell
Windows PowerShell
Copyright (C) Microsoft Corporation. All rights reserved.
PS C:\Users\Administrator> Install-WindowsFeature -name Web-Server -IncludeManagementTools
Success Restart Needed Exit Code Feature Result
------- -------------- --------- --------------
True No Success {Common HTTP Features, Default Document, D...
PS C:\Users\Administrator>
Hostname: EC2AMAZ-AR3LT1H
Instance ID: i-06443288dab6bdafa
Public IP Address: 52.15.200.203
Private IP Address: 172.31.28.18
Instance Size: t2.micro
Availability Zone: us-east-2b
Architecture: AMD64
Total Memory: 1 GB
Network Performance: Low to Moderate
ENG
12:24 PM
8/17/2020



PROJECT 2: Deploying a web server in Windows instance




Services
Resource Groups
heenabhatti
Ohio
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
Capacity Reservation
Open
IAM role
None
Create new IAM role
Shutdown behavior
Stop
Stop - Hibernate behavior
Enable hibernation as an additional stop behavior
Enable termination protection
Protect against accidental termination
Monitoring
Enable CloudWatch detailed monitoring
Additional charges apply.
Tenancy
Shared - Run a shared hardware instance
Additional charges will apply for dedicated tenancy.
Elastic Inference
Add an Elastic Inference accelerator
Additional charges apply.
T2/T3 Unlimited
Enable
Cancel
Previous
Review and Launch
Next: Add Storage
Feedback
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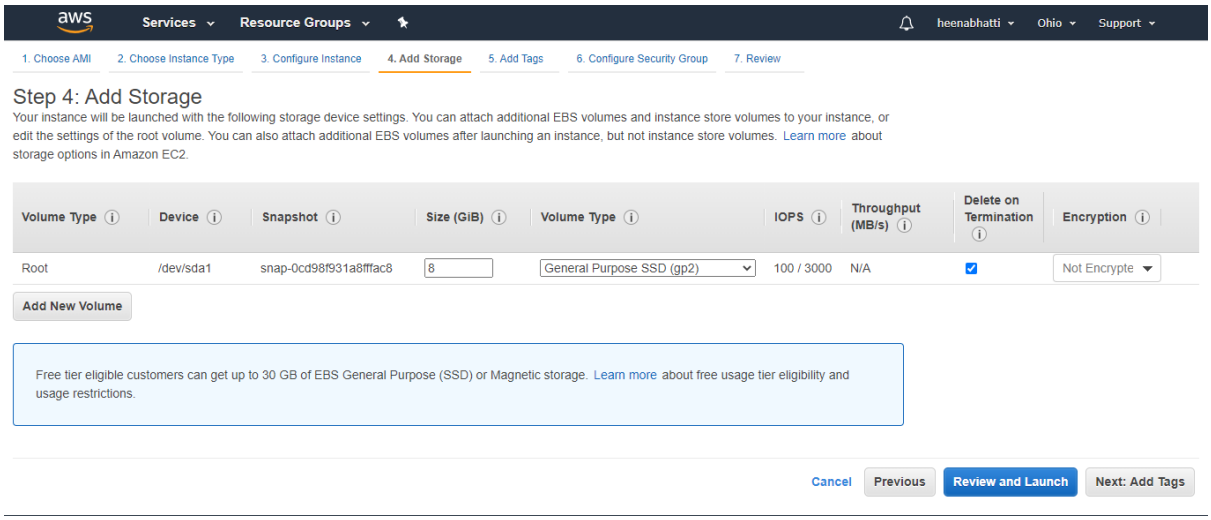
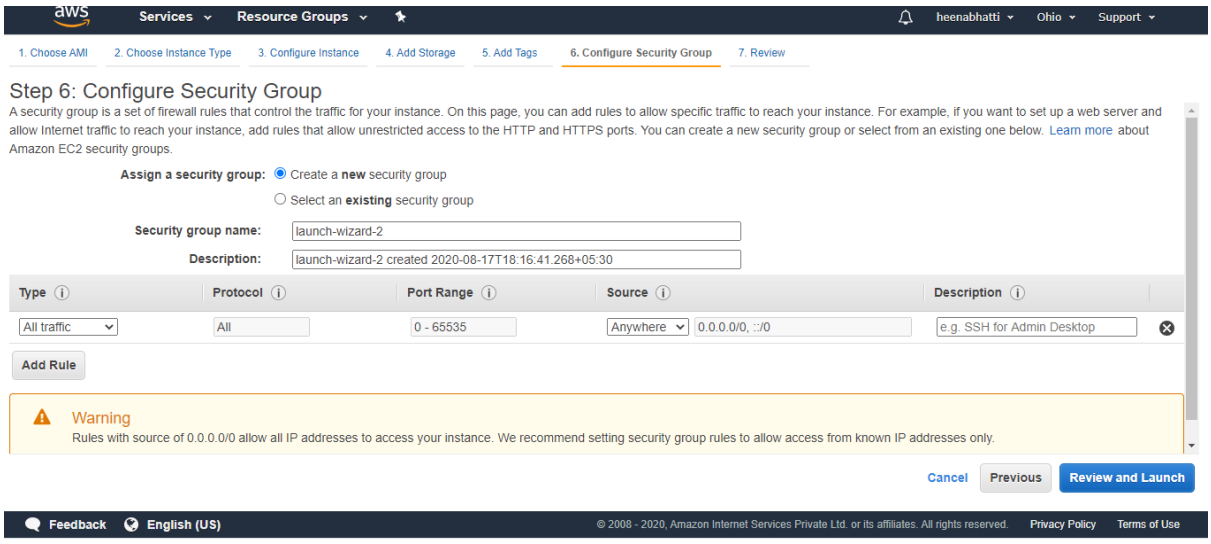

Services
Resource Groups
heenabhatti
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 4: Add Storage
Your instance will be launched with the following storage device settings. You can attach additional EBS volumes and instance store volumes to your instance, or edit the settings of the root volume. You can also attach additional EBS volumes after launching an instance, but not instance store volumes. Learn more about storage options in Amazon EC2.
Volume Type
Device
Snapshot
Size (GiB)
Volume Type
IOPS
Throughput (MB/s)
Delete on Termination
Encryption
Root
/dev/sda1
snap-0cd98f931a8fffac8
8
General Purpose SSD (gp2)
100 / 3000
N/A
Not Encrypte
Add New Volume
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage. Learn more about free usage tier eligibility and usage restrictions.
Cancel
Previous
Review and Launch
Next: Add Tags


Services
Resource Groups
heenabhatti
Ohio
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
A security group is a set of firewall rules that control the traffic for your instance. On this page, you can add rules to allow specific traffic to reach your instance. For example, if you want to set up a web server and allow Internet traffic to reach your instance, add rules that allow unrestricted access to the HTTP and HTTPS ports. You can create a new security group or select from an existing one below. Learn more about Amazon EC2 security groups.
Assign a security group:
Create a new security group
Select an existing security group
Security group name:
launch-wizard-2
Description:
launch-wizard-2 created 2020-08-17T18:16:41.268+05:30
Type
Protocol
Port Range
Source
Description
All traffic
All
0 - 65535
Anywhere
0.0.0.0/0, ::/0
e.g. SSH for Admin Desktop
Add Rule
Warning
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.
Cancel
Previous
Review and Launch
Feedback
English (US)
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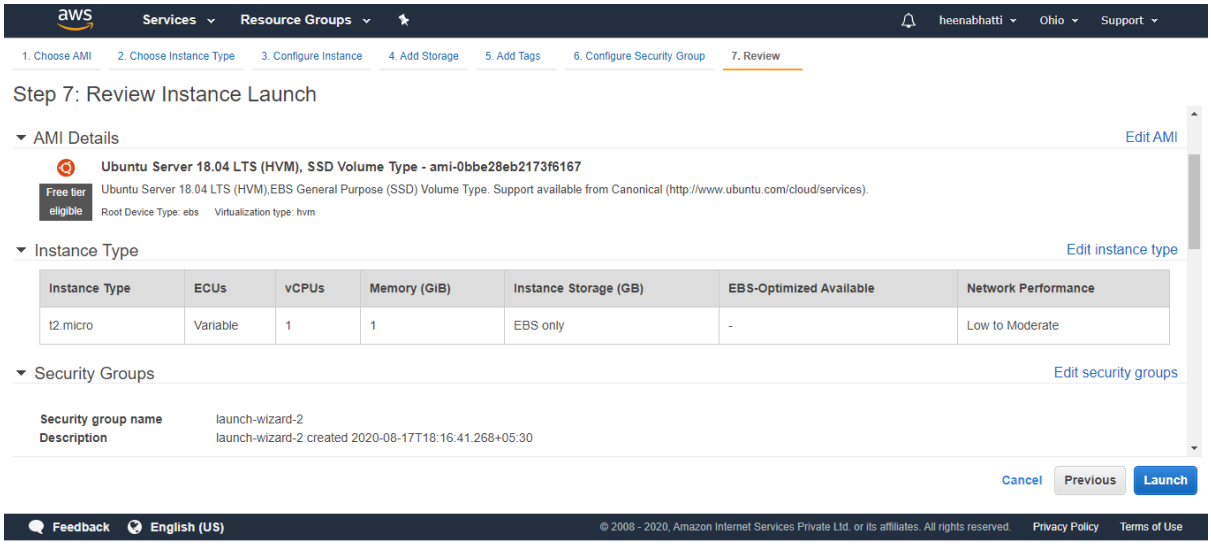
Services
Resource Groups
heenabhatti
Ohio
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
AMI Details
Edit AMI
Ubuntu Server 18.04 LTS (HVM), SSD Volume Type - ami-0bbe28eb2173f6167
Free tier eligible
Ubuntu Server 18.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (http://www.ubuntu.com/cloud/services).
Root Device Type: ebs
Virtualization type: hvm
Instance Type
Edit instance type
Instance Type | ECUs | vCPUs | Memory (GiB) | Instance Storage (GB) | EBS-Optimized Available | Network Performance
t2.micro | Variable | 1 | 1 | EBS only | - | Low to Moderate
Security Groups
Edit security groups
Security group name launch-wizard-2
Description launch-wizard-2 created 2020-08-17T18:16:41.268+05:30
Cancel
Previous
Launch
Feedback
English (US)
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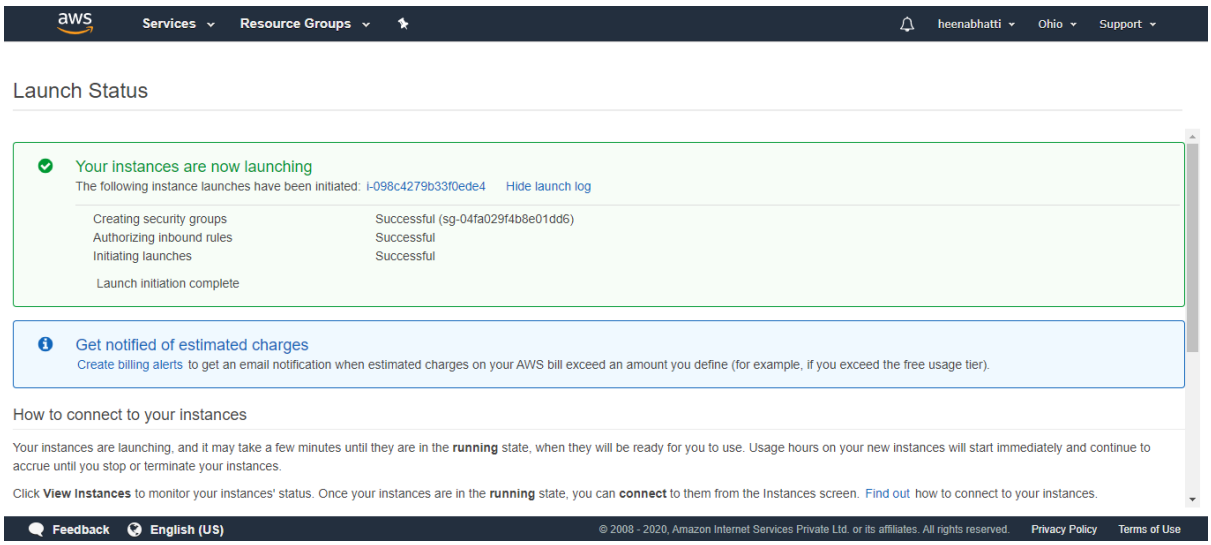
Services
Resource Groups
heenabhatti
Ohio
Support
Launch Status
Your instances are now launching
The following instance launches have been initiated: i-098c4279b33f0ede4
Hide launch log
Creating security groups Successful (sg-04fa029f4b8e01dd6)
Authorizing inbound rules Successful
Initiating launches Successful
Launch initiation complete
Get notified of estimated charges
Create billing alerts to get an email notification when estimated charges on your AWS bill exceed an amount you define (for example, if you exceed the free usage tier).
How to connect to your instances
Your instances are launching, and it may take a few minutes until they are in the running state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.
Click View Instances to monitor your instances' status. Once your instances are in the running state, you can connect to them from the Instances screen. Find out how to connect to your instances.
Feedback
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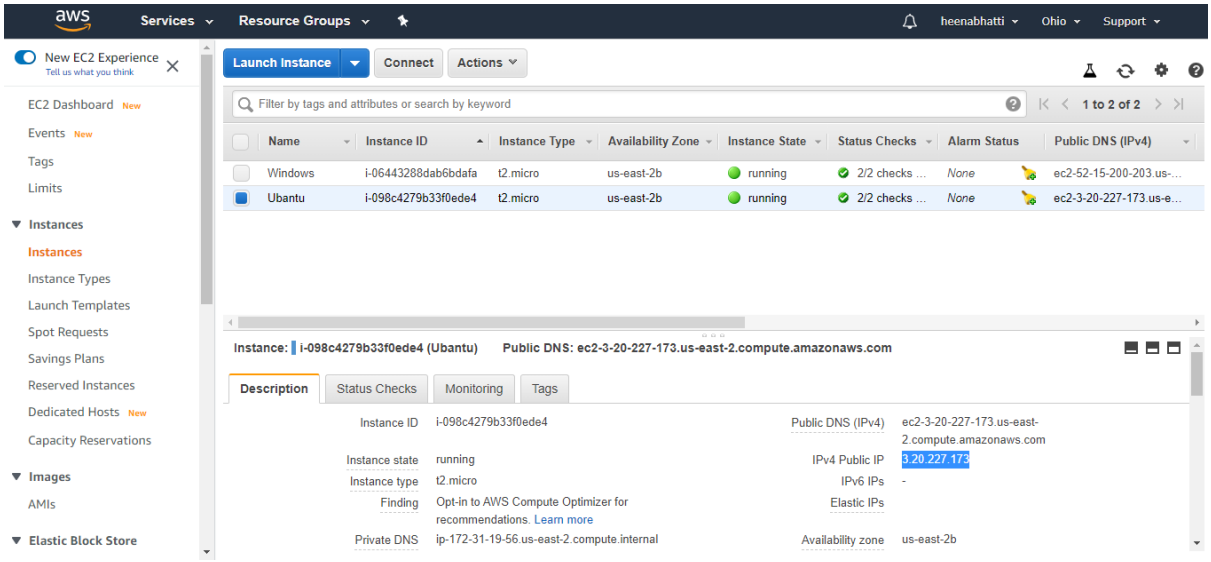
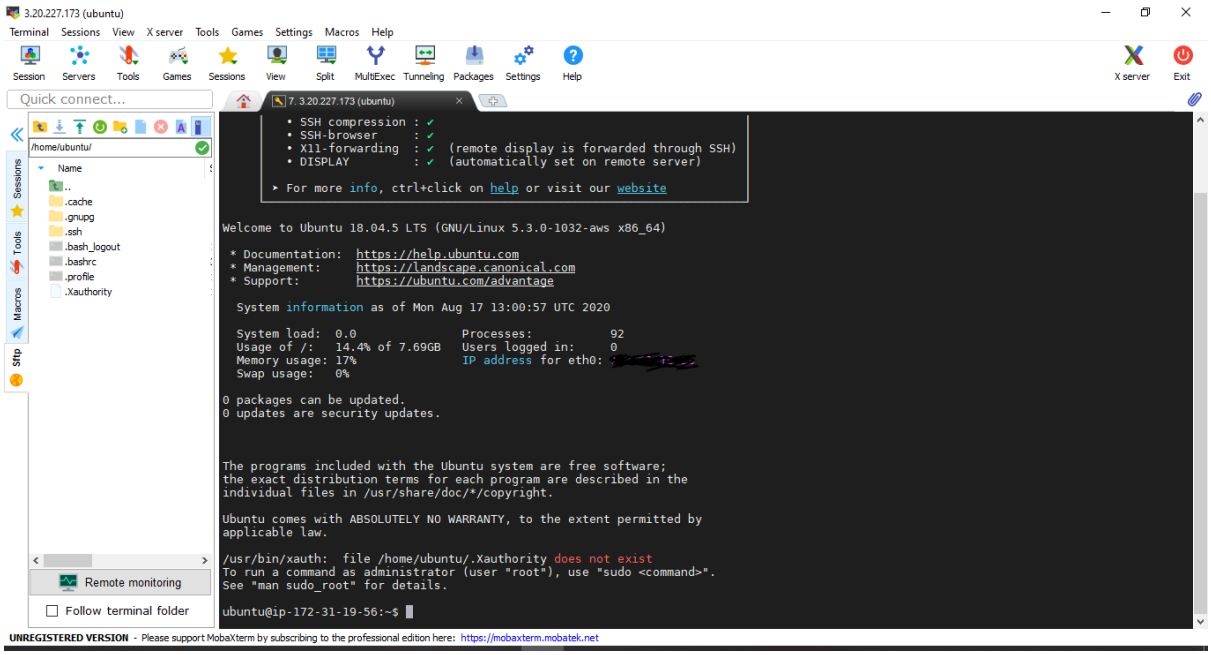
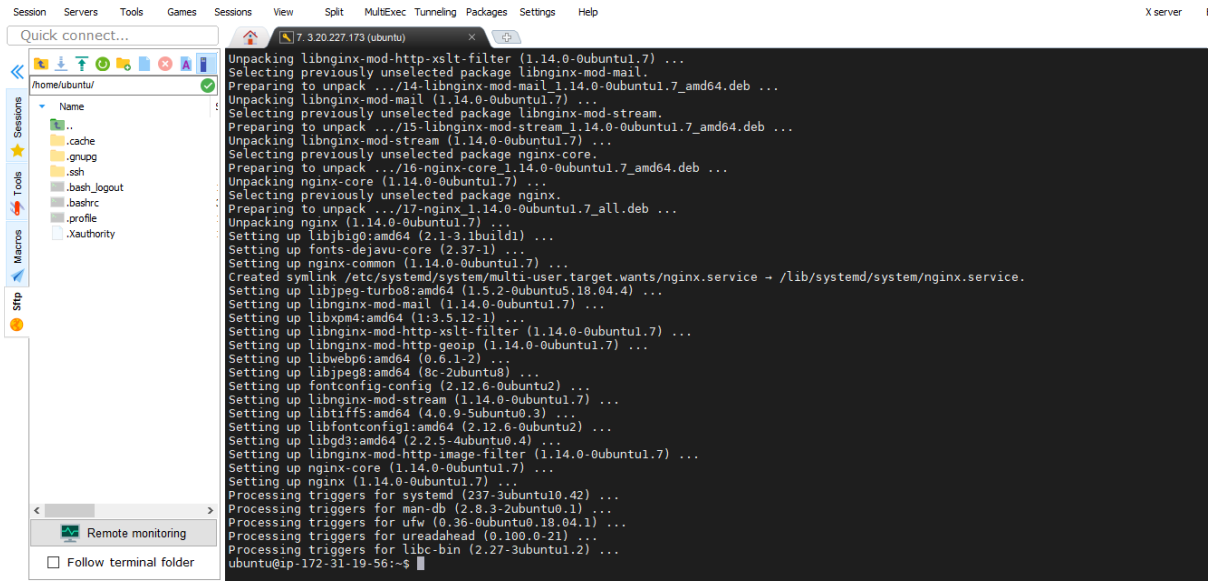
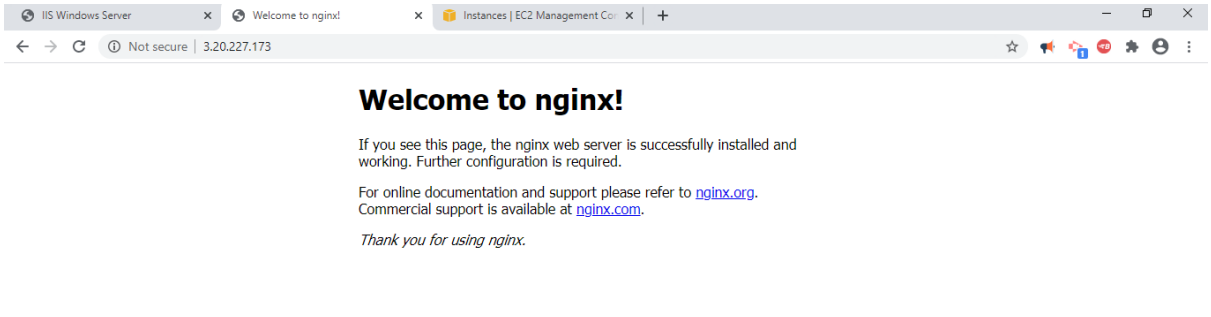
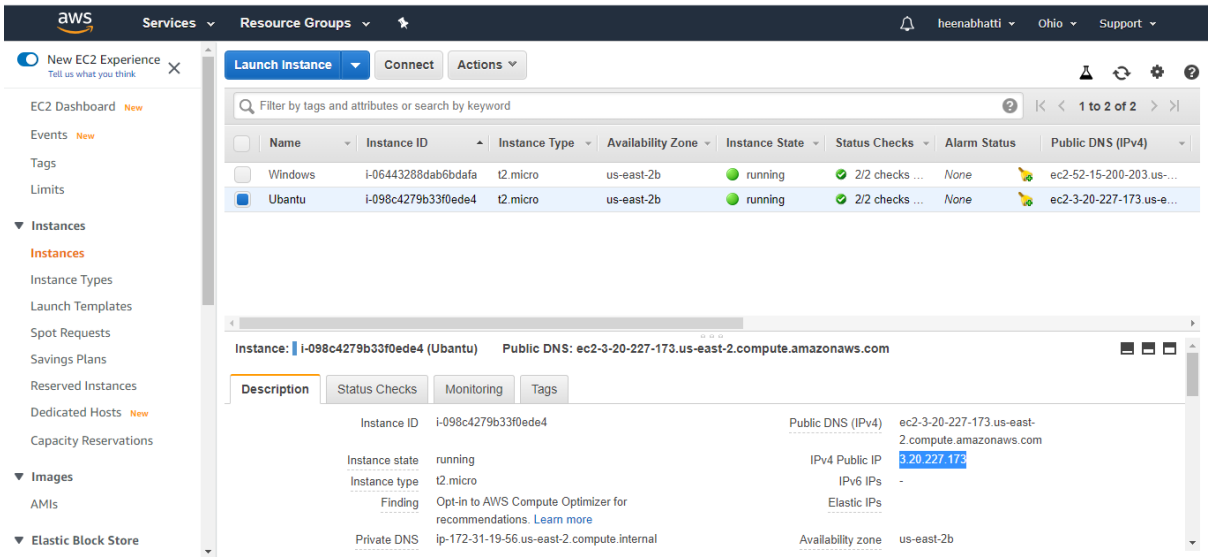

Services
Resource Groups
heenabhatti
Ohio
Support
New EC2 Experience
Tell us what you think
EC2 Dashboard New
Events New
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts New
Capacity Reservations
Images
AMIs
Elastic Block Store
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name | Instance ID | Instance Type | Availability Zone | Instance State | Status Checks | Alarm Status | Public DNS (IPv4)
Windows | i-06443288dab6bdafa | t2.micro | us-east-2b | running | 2/2 checks ... | None | ec2-52-15-200-203.us-...
Ubantu | i-098c4279b33f0ede4 | t2.micro | us-east-2b | running | 2/2 checks ... | None | ec2-3-20-227-173.us-e...
Instance: i-098c4279b33f0ede4 (Ubantu) Public DNS: ec2-3-20-227-173.us-east-2.compute.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID i-098c4279b33f0ede4
Instance state running
Instance type t2.micro
Finding Opt-in to AWS Compute Optimizer for recommendations. Learn more
Private DNS ip-172-31-19-56.us-east-2.compute.internal
Public DNS (IPv4) ec2-3-20-227-173.us-east-2.compute.amazonaws.com
IPv4 Public IP 3.20.227.173
IPv6 IPs -
Elastic IPs
Availability zone us-east-2b


3.20.227.173 (ubuntu)
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server Exit
Quick connect...
7. 3.20.227.173 (ubuntu)
/home/ubuntu/
Name
..
.cache
.gnupg
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Sessions Tools Macros Sftp
Remote monitoring
Follow terminal folder
• SSH compression : ✔
• SSH-browser : ✔
• X11-forwarding : ✔ (remote display is forwarded through SSH)
• DISPLAY : ✔ (automatically set on remote server)
▸ For more info, ctrl+click on help or visit our website
Welcome to Ubuntu 18.04.5 LTS (GNU/Linux 5.3.0-1032-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
System information as of Mon Aug 17 13:00:57 UTC 2020
System load: 0.0 Processes: 92
Usage of /: 14.4% of 7.69GB Users logged in: 0
Memory usage: 17% IP address for eth0: [redacted]
Swap usage: 0%
0 packages can be updated.
0 updates are security updates.
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-172-31-19-56:~$
UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net


Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
X server
Quick connect...
7. 3.20.227.173 (ubuntu)
/home/ubuntu/
Name
..
.cache
.gnupg
.ssh
.bash_logout
.bashrc
.profile
.Xauthority
Sessions Tools Macros Sftp
Remote monitoring
Follow terminal folder
Unpacking libnginx-mod-http-xslt-filter (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-mail.
Preparing to unpack .../14-libnginx-mod-mail_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package libnginx-mod-stream.
Preparing to unpack .../15-libnginx-mod-stream_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package nginx-core.
Preparing to unpack .../16-nginx-core_1.14.0-0ubuntu1.7_amd64.deb ...
Unpacking nginx-core (1.14.0-0ubuntu1.7) ...
Selecting previously unselected package nginx.
Preparing to unpack .../17-nginx_1.14.0-0ubuntu1.7_all.deb ...
Unpacking nginx (1.14.0-0ubuntu1.7) ...
Setting up libjbig0:amd64 (2.1-3.1build1) ...
Setting up fonts-dejavu-core (2.37-1) ...
Setting up nginx-common (1.14.0-0ubuntu1.7) ...
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /lib/systemd/system/nginx.service.
Setting up libjpeg-turbo8:amd64 (1.5.2-0ubuntu5.18.04.4) ...
Setting up libnginx-mod-mail (1.14.0-0ubuntu1.7) ...
Setting up libxpm4:amd64 (1:3.5.12-1) ...
Setting up libnginx-mod-http-xslt-filter (1.14.0-0ubuntu1.7) ...
Setting up libnginx-mod-http-geoip (1.14.0-0ubuntu1.7) ...
Setting up libwebp6:amd64 (0.6.1-2) ...
Setting up libjpeg8:amd64 (8c-2ubuntu8) ...
Setting up fontconfig-config (2.12.6-0ubuntu2) ...
Setting up libnginx-mod-stream (1.14.0-0ubuntu1.7) ...
Setting up libtiff5:amd64 (4.0.9-5ubuntu0.3) ...
Setting up libfontconfig1:amd64 (2.12.6-0ubuntu2) ...
Setting up libgd3:amd64 (2.2.5-4ubuntu0.4) ...
Setting up libnginx-mod-http-image-filter (1.14.0-0ubuntu1.7) ...
Setting up nginx-core (1.14.0-0ubuntu1.7) ...
Setting up nginx (1.14.0-0ubuntu1.7) ...
Processing triggers for systemd (237-3ubuntu10.42) ...
Processing triggers for man-db (2.8.3-2ubuntu0.1) ...
Processing triggers for ufw (0.36-0ubuntu0.18.04.1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Processing triggers for libc-bin (2.27-3ubuntu1.2) ...
ubuntu@ip-172-31-19-56:~$


IIS Windows Server
Welcome to nginx!
Instances | EC2 Management Cor
Not secure | 3.20.227.173
Welcome to nginx!
If you see this page, the nginx web server is successfully installed and working. Further configuration is required.
For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.
Thank you for using nginx.


aws
Services
Resource Groups
heenabhatti
Ohio
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
AMIs
Elastic Block Store
Launch Instance
Connect
Actions
Filter by tags and attributes or search by keyword
1 to 2 of 2
Name
Instance ID
Instance Type
Availability Zone
Instance State
Status Checks
Alarm Status
Public DNS (IPv4)
Windows
i-06443288dab6bdafa
t2.micro
us-east-2b
running
2/2 checks ...
None
ec2-52-15-200-203.us-...
Ubantu
i-098c4279b33f0ede4
t2.micro
us-east-2b
running
2/2 checks ...
None
ec2-3-20-227-173.us-e...
Instance: i-098c4279b33f0ede4 (Ubantu)
Public DNS: ec2-3-20-227-173.us-east-2.compute.amazonaws.com
Description
Status Checks
Monitoring
Tags
Instance ID
i-098c4279b33f0ede4
Instance state
running
Instance type
t2.micro
Finding
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Private DNS
ip-172-31-19-56.us-east-2.compute.internal
Public DNS (IPv4)
ec2-3-20-227-173.us-east-2.compute.amazonaws.com
IPv4 Public IP
3.20.227.173
IPv6 IPs
-
Elastic IPs
Availability zone
us-east-2b