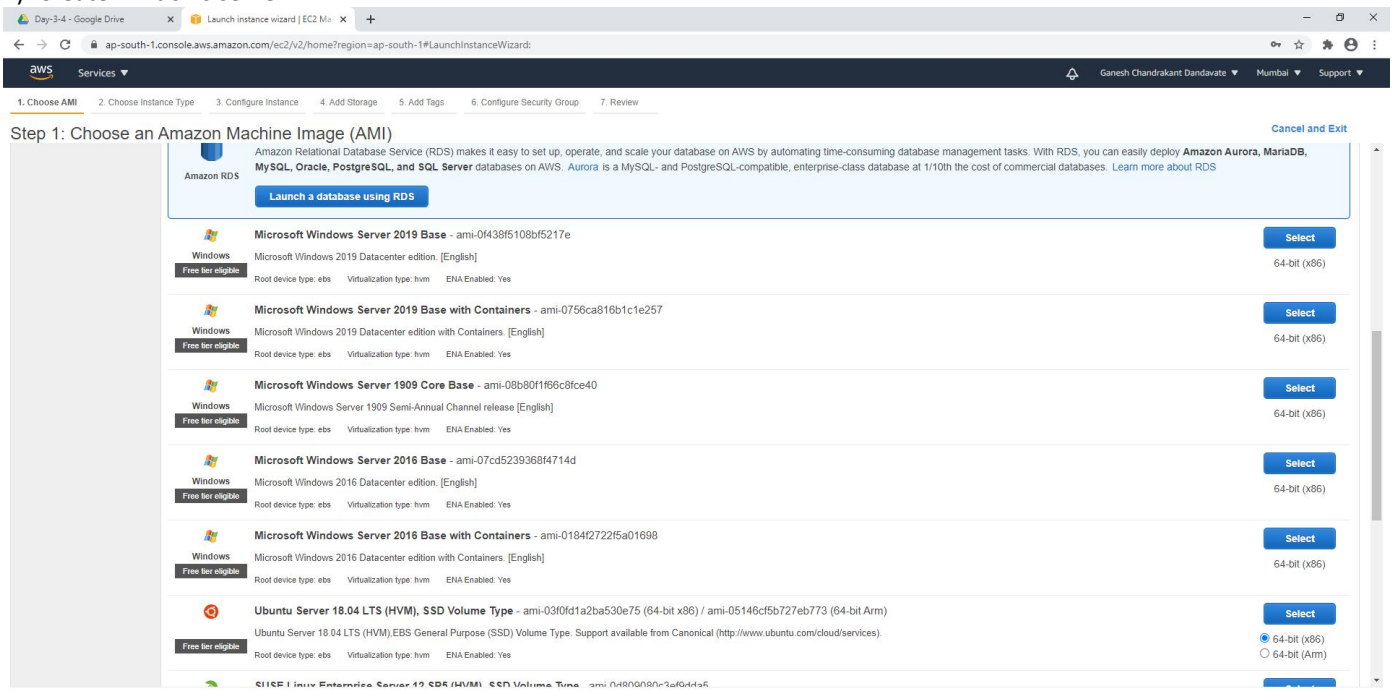
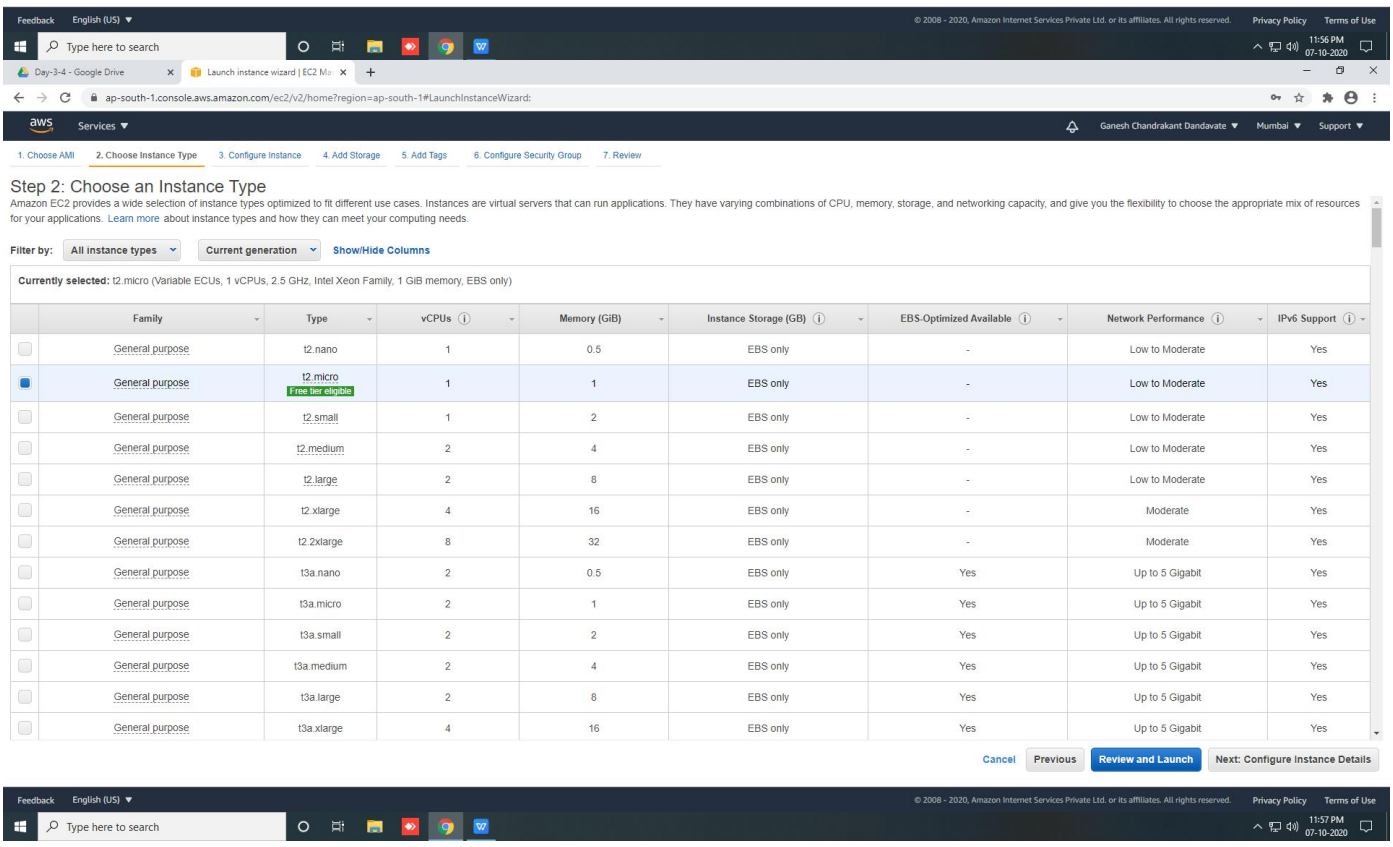
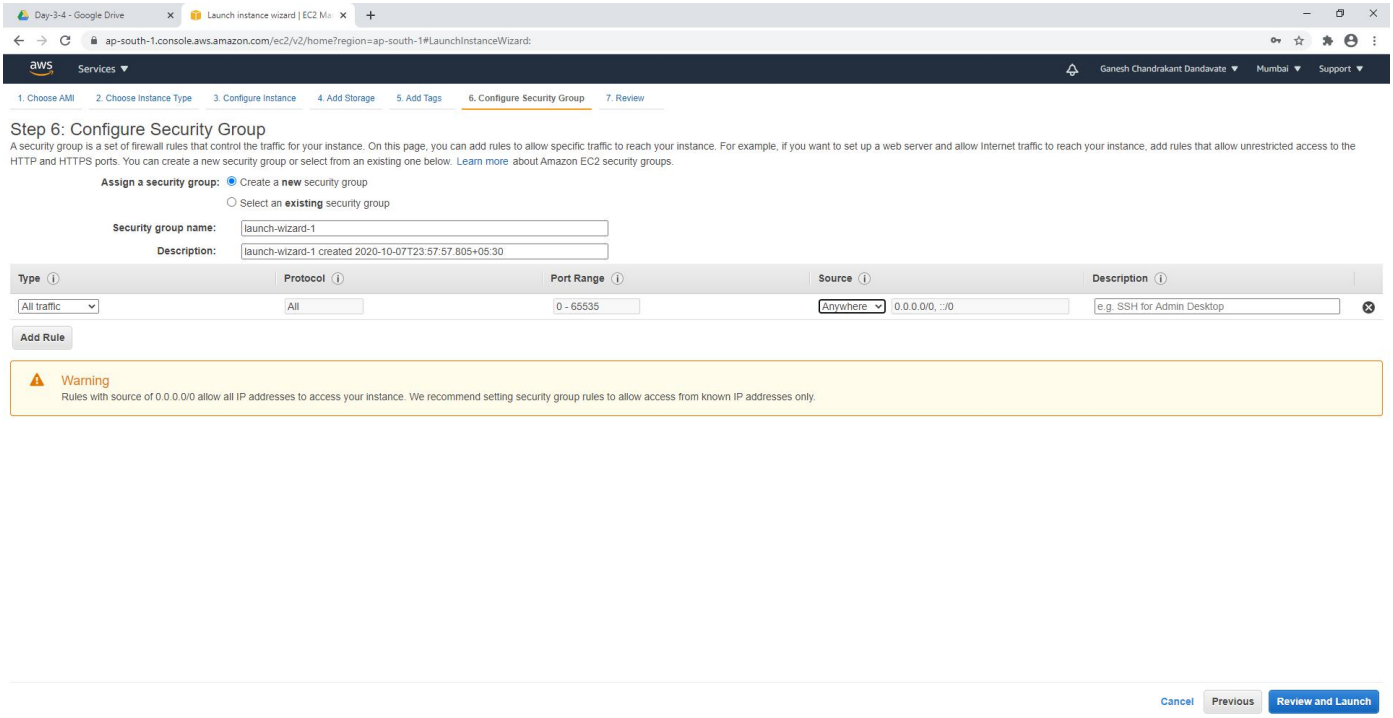
PROJECT 1:

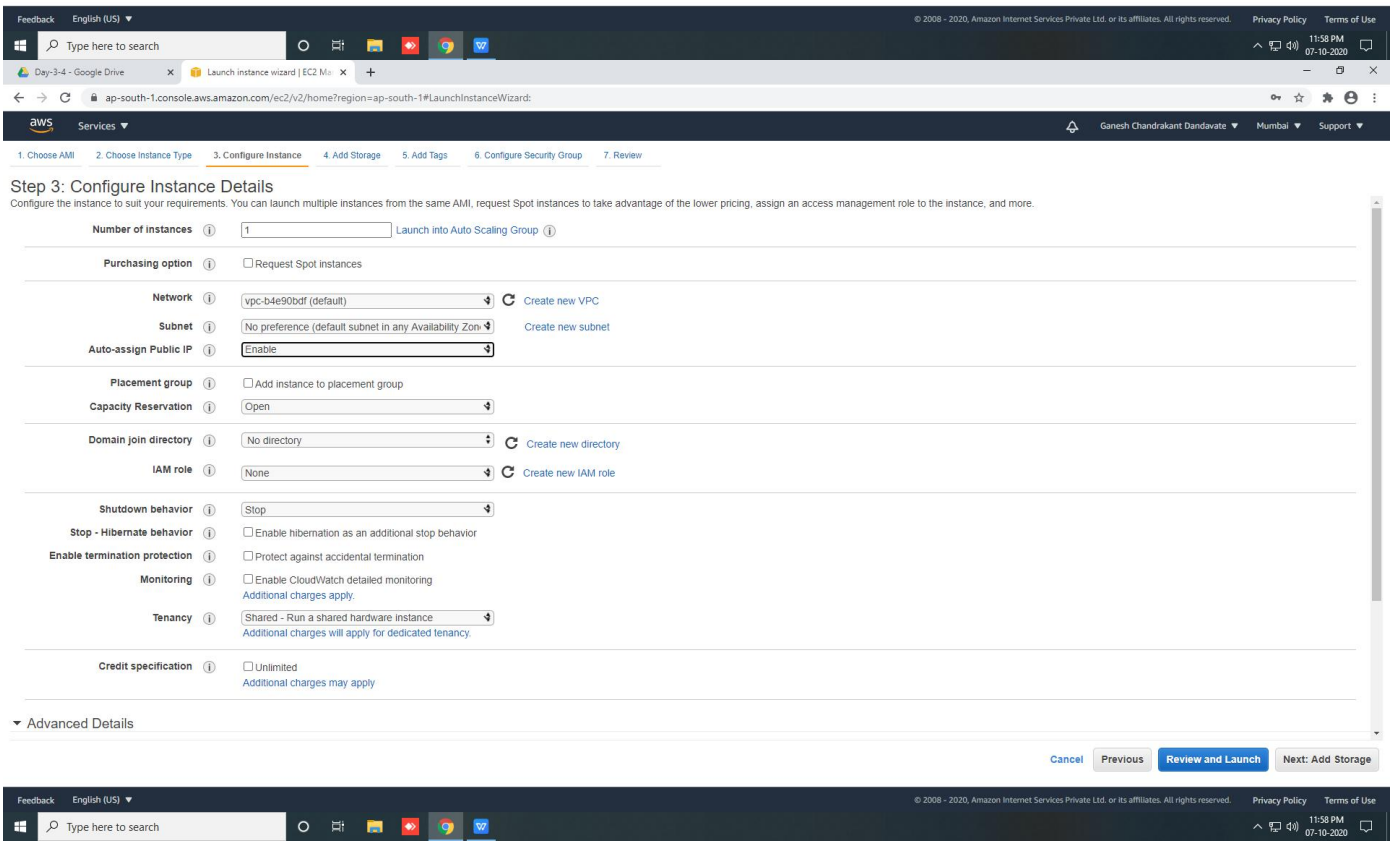
Deploying a web server in Windows instance

1) Create windows server






Day-3-4 - Google Drive
Launch instance wizard | EC2 Ma
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Ganesh Chandrakant Dandavate
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
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 2020-10-07T23:57:57.805+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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11:58 PM
07-10-2020
Day-3-4 - Google Drive
Launch instance wizard | EC2 Ma
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Ganesh Chandrakant Dandavate
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-b4e90bdf (default)
Create new VPC
Subnet
No preference (default subnet in any Availability Zone
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
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.
Credit specification
Unlimited
Additional charges may apply
Advanced Details
Cancel
Previous
Review and Launch
Next: Add Storage

Feedback
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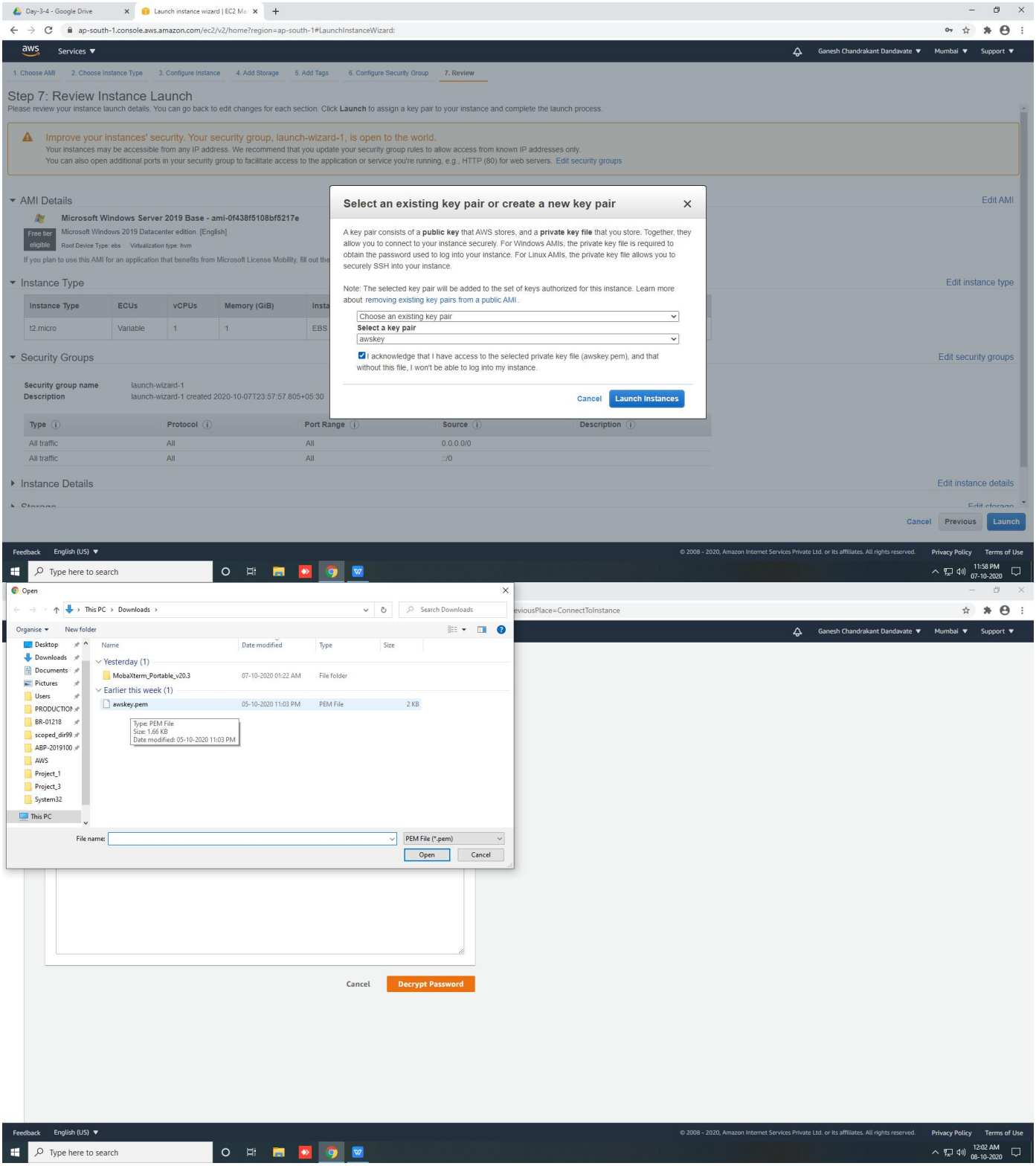
Day-3-4 - Google Drive
Launch instance wizard | EC2 Ma
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#LaunchInstanceWizard:
aws
Services
Ganesh Chandrakant Dandavate
Mumbai
Support
1. Choose AMI
2. Choose Instance Type
3. Configure Instance
4. Add Storage
5. Add Tags
6. Configure Security Group
7. Review
Step 7: Review Instance Launch
Please review your instance launch details. You can go back to edit changes for each section. Click Launch to assign a key pair to your instance and complete the launch process.
Improve your instances' security. Your security group, launch-wizard-1, is open to the world.
Your instances may be accessible from any IP address. We recommend that you update your security group rules to allow access from known IP addresses only.
You can also open additional ports in your security group to facilitate access to the application or service you're running, e.g., HTTP (80) for web servers. Edit security groups
AMI Details
Edit AMI
Microsoft Windows Server 2019 Base - ami-0f438f5108bf5217e
Free tier eligible
Microsoft Windows 2019 Datacenter edition. [English]
Root Device Type: ebs
Virtualization type: hvm
Instance Type
Edit instance type
Instance Type
ECUs
vCPUs
Memory (GiB)
t2.micro
Variable
1
1
Security Groups
Edit security groups
Security group name
launch-wizard-1
Description
launch-wizard-1 created 2020-10-07T23:57:57.805+05:30
Type
Protocol
Port Range
Source
Description
All traffic
All
All
0.0.0.0/0
All traffic
All
All
::/0
Instance Details
Edit instance details
Cancel
Previous
Launch
Select an existing key pair or create a new key pair
A key pair consists of a public key that AWS stores, and a private key file that you store. Together, they allow you to connect to your instance securely. For Windows AMIs, the private key file is required to obtain the password used to log into your instance. For Linux AMIs, the private key file allows you to securely SSH into your instance.
Note: The selected key pair will be added to the set of keys authorized for this instance. Learn more about removing existing key pairs from a public AMI.
Choose an existing key pair
Select a key pair
awskey
I acknowledge that I have access to the selected private key file (awskey.pem), and that without this file, I won't be able to log into my instance.
Cancel
Launch Instances
Feedback
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Open
This PC
Downloads
Search Downloads
Organise
New folder
Desktop
Downloads
Documents
Pictures
Users
PRODUCTION
BR-01218
scoped_dir99
ABP-2019100
AWS
Project_1
Project_3
System32
This PC
Name
Date modified
Type
Size
Yesterday (1)
MobaXterm_Portable_v20.3
07-10-2020 01:22 AM
File folder
Earlier this week (1)
awskey.pem
05-10-2020 11:03 PM
PEM File
2 KB
Type: PEM File
Size: 1.66 KB
Date modified: 05-10-2020 11:03 PM
File name:
PEM File (*.pem)
Open
Cancel
Cancel
Decrypt Password
Feedback
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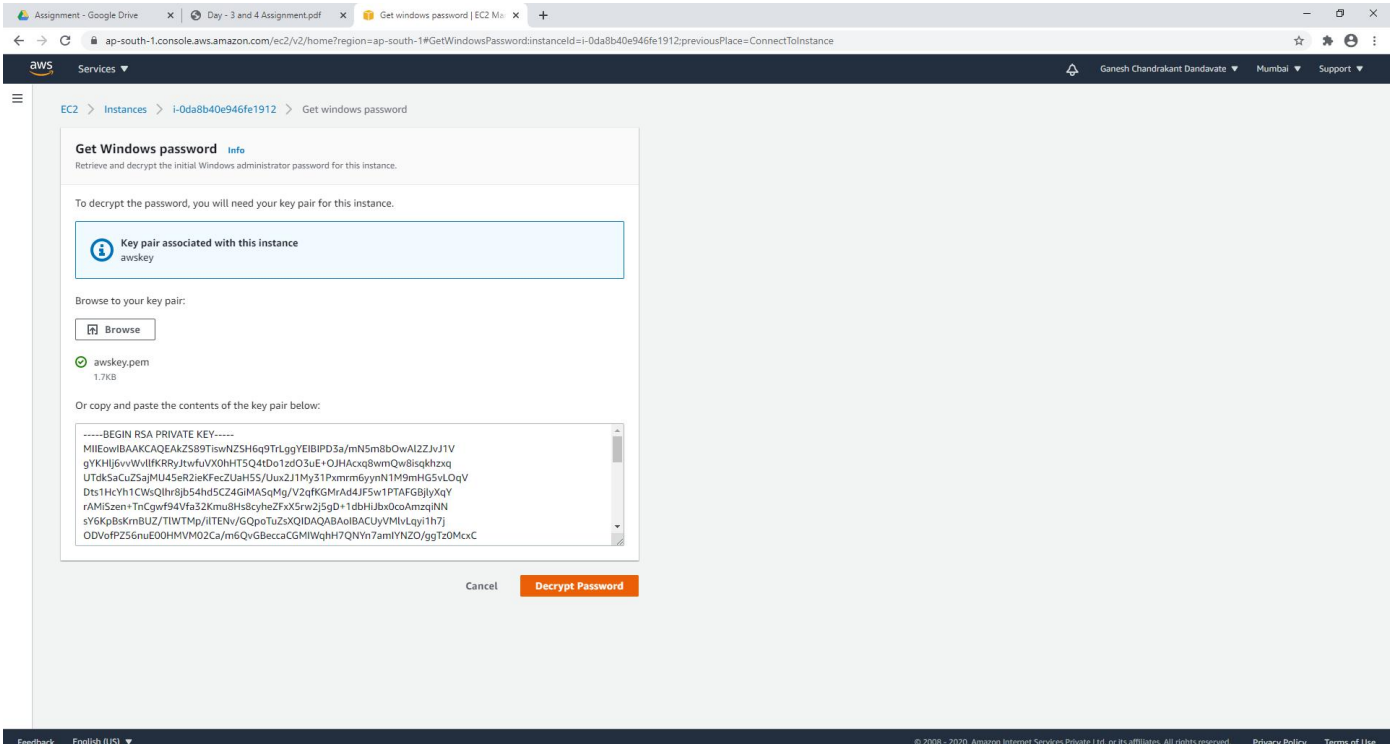
08-10-2020


Assignment - Google Drive
Day - 3 and 4 Assignment.pdf
Get windows password | EC2 Ma
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#GetWindowsPassword:instanceId=i-0da8b40e946fe1912;previousPlace=ConnectToInstance
aws
Services
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Mumbai
Support
EC2 > Instances > i-0da8b40e946fe1912 > Get windows password
Get Windows password Info
Retrieve and decrypt the initial Windows administrator password for this instance.
To decrypt the password, you will need your key pair for this instance.
Key pair associated with this instance
awskey
Browse to your key pair:
Browse
awskey.pem
1.7KB
Or copy and paste the contents of the key pair below:
-----BEGIN RSA PRIVATE KEY-----
MIIEowIBAAKCAQEAkZS89TiswNZSH6q9TrLggYElBIPD3a/mN5m8bOwAI2ZJvJ1V
gYKHlj6vvWvllfKRRyJtwfuVX0hHT5Q4tDo1zdO3uE+OJHAcxq8wmQw8isqkhzxq
UTdk5aCuZ5ajMU45eR2ieKFecZUaH5S/Uux2J1My31Pxmrm6yynN1M9mHG5vLOqV
Dts1HcYh1CWsQlhr8jb54hd5CZ4GiMASqMg/V2qfKGMrAd4JF5w1PTAFGBjlyXqY
rAMiSzen+TnCgwf94Vfa32Kmu8Hs8cyheZFxX5rw2j5gD+1dbHiJbx0coAmzqiNN
sY6KpBsKrnBUZ/TlWTMp/ilTENv/GQpoTuZsXQIDAQABAoIBACUyVMlvLqyi1h7j
ODVofPZ56nuE00HMVM02Ca/m6QvGBeccaCGMIWqhH7QNYn7amIYNZO/ggTz0McxC
Cancel
Decrypt Password
Feedback
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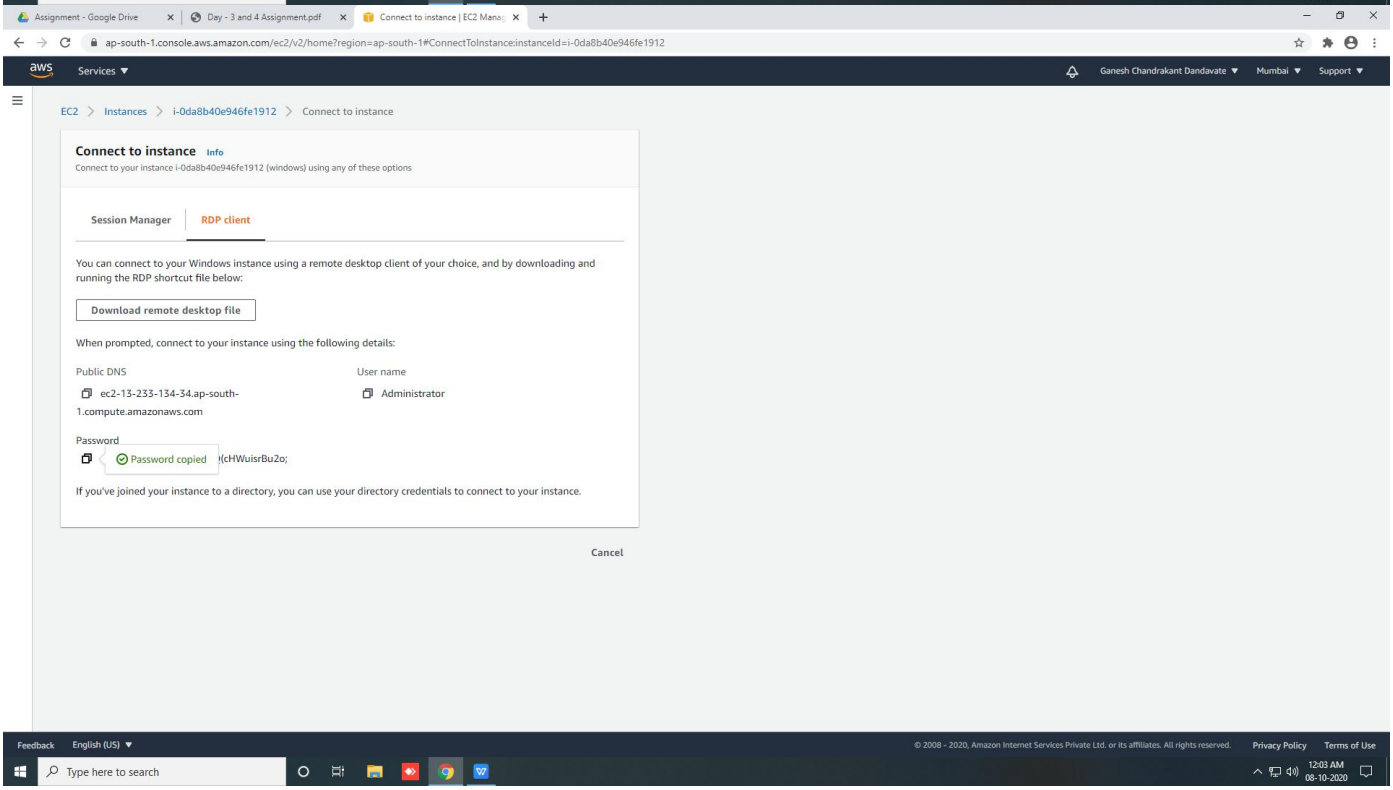
Assignment - Google Drive
Day - 3 and 4 Assignment.pdf
Connect to instance | EC2 Mana
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#ConnectToInstance:instanceId=i-0da8b40e946fe1912
aws
Services
Ganesh Chandrakant Dandavate
Mumbai
Support
EC2 > Instances > i-0da8b40e946fe1912 > Connect to instance
Connect to instance Info
Connect to your instance i-0da8b40e946fe1912 (windows) using any of these options
Session Manager
RDP client
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
ec2-13-233-134-34.ap-south-1.compute.amazonaws.com
User name
Administrator
Password
Password copied
!(cHWuisrBu2o;
If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.
Cancel
Feedback
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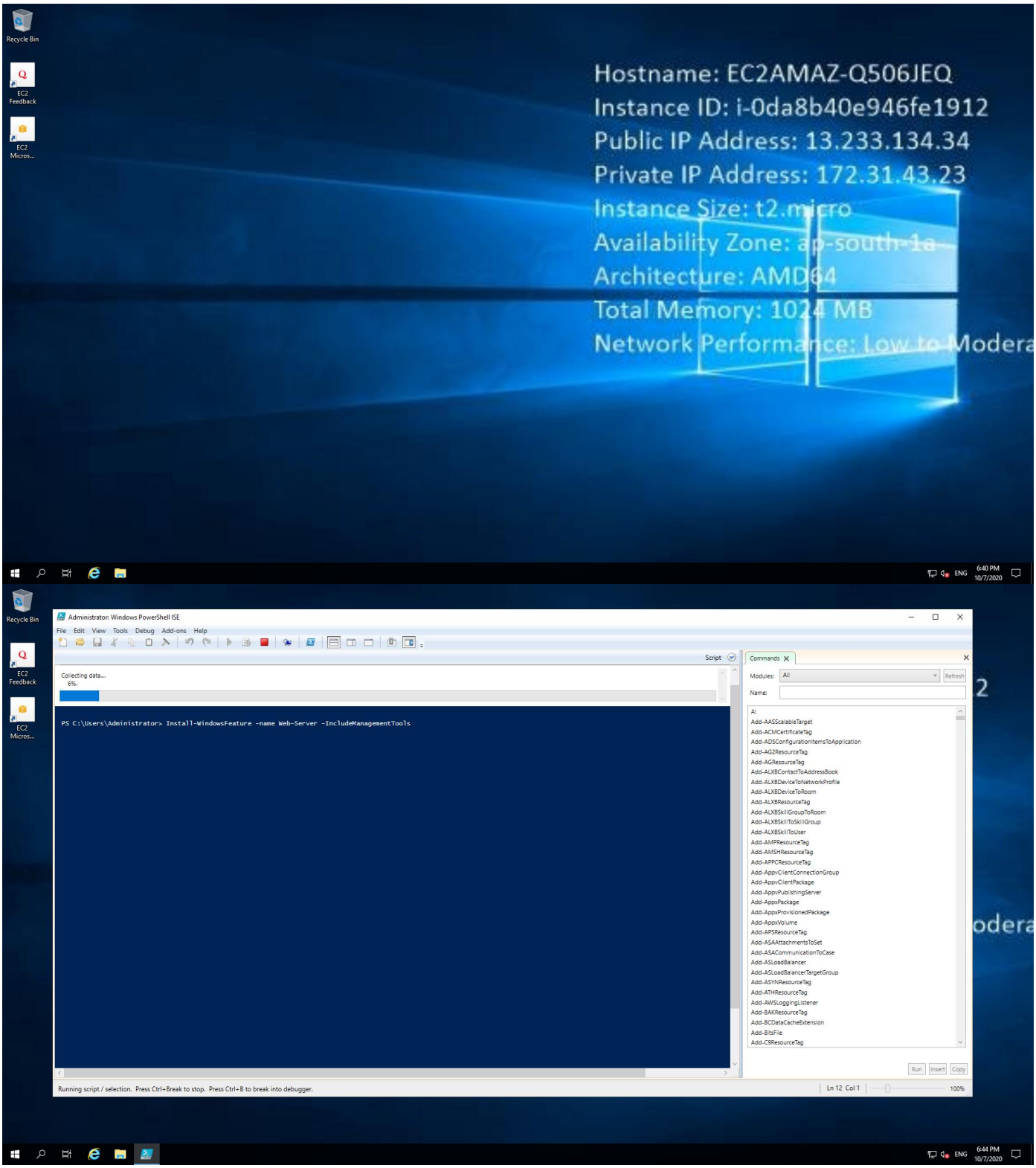
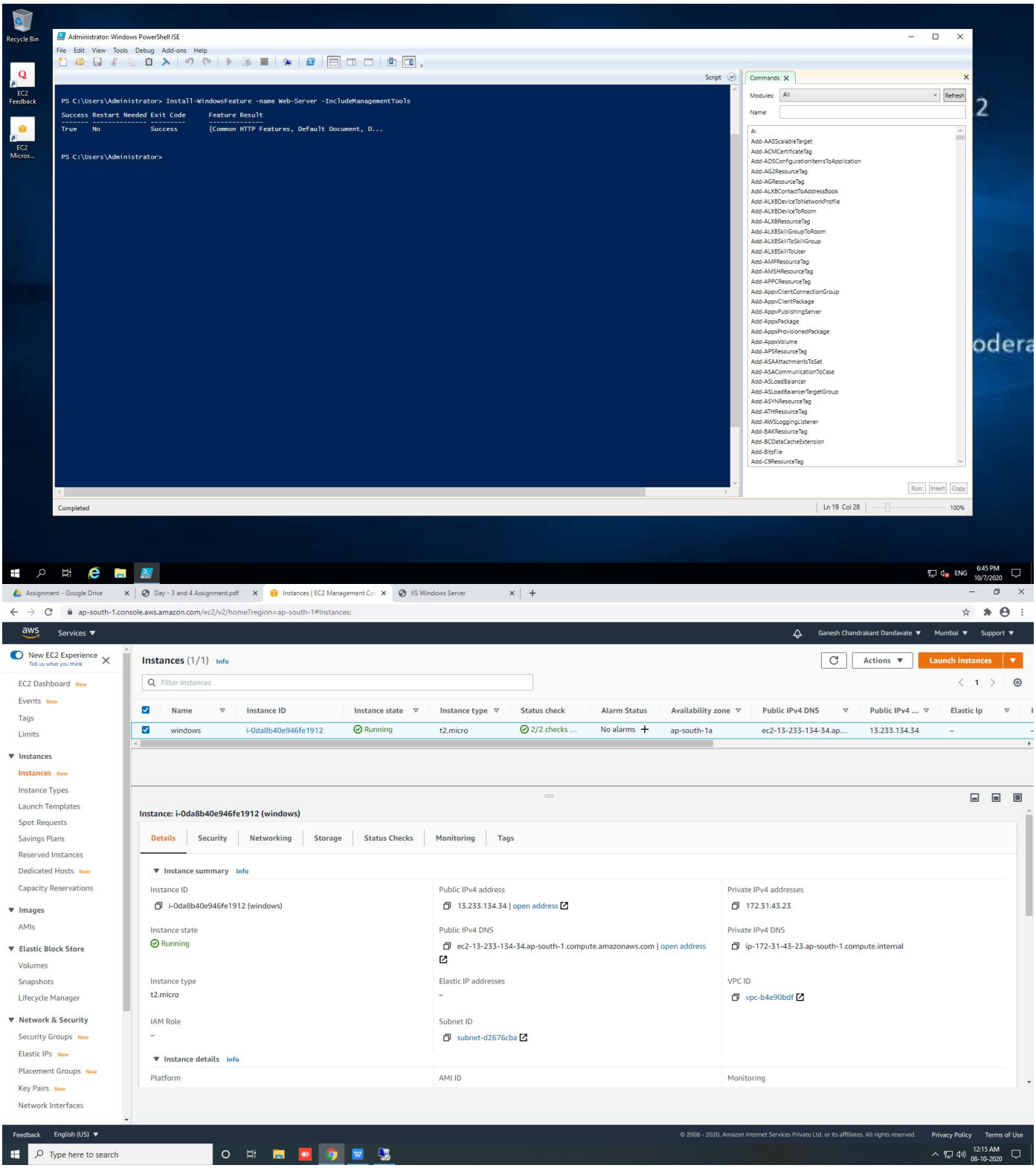
12:03 AM
08-10-2020


Recycle Bin
EC2 Feedback
EC2 Micros...
Hostname: EC2AMAZ-Q506JEQ
Instance ID: i-0da8b40e946fe1912
Public IP Address: 13.233.134.34
Private IP Address: 172.31.43.23
Instance Size: t2.micro
Availability Zone: ap-south-1a
Architecture: AMD64
Total Memory: 1024 MB
Network Performance: Low to Modera
ENG
6:40 PM
10/7/2020
Administrator: Windows PowerShell ISE
File Edit View Tools Debug Add-ons Help
Script
Collecting data...
6%.
PS C:\Users\Administrator> Install-WindowsFeature -name Web-Server -IncludeManagementTools
Commands
Modules: All
Refresh
Name:
Add-AASScalableTarget
Add-ACMCertificateTag
Add-ADSConfigurationItemsToApplication
Add-AG2ResourceTag
Add-AGResourceTag
Add-ALXBContactToAddressBook
Add-ALXBDeviceToNetworkProfile
Add-ALXBDeviceToRoom
Add-ALXBResourceTag
Add-ALXBSkillGroupToRoom
Add-ALXBSkillToSkillGroup
Add-ALXBSkillToUser
Add-AMPResourceTag
Add-AMSHResourceTag
Add-APPCResourceTag
Add-AppvClientConnectionGroup
Add-AppvClientPackage
Add-AppvPublishingServer
Add-AppxPackage
Add-AppxProvisionedPackage
Add-AppxVolume
Add-APSResourceTag
Add-ASAAttachmentsToSet
Add-ASACommunicationToCase
Add-ASLoadBalancer
Add-ASLoadBalancerTargetGroup
Add-ASYNResourceTag
Add-ATHResourceTag
Add-AWSLoggingListener
Add-BAKResourceTag
Add-BCDataCacheExtension
Add-BitsFile
Add-C9ResourceTag
Run
Insert
Copy
Running script / selection. Press Ctrl+Break to stop. Press Ctrl+B to break into debugger.
Ln 12 Col 1
100%
ENG
6:44 PM
10/7/2020


Administrator: Windows PowerShell ISE
File Edit View Tools Debug Add-ons Help
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>
Commands
Completed
Ln 19 Col 28
100%

Assignment - Google Drive
Day - 3 and 4 Assignment.pdf
Instances | EC2 Management Co
IIS Windows Server
ap-south-1.console.aws.amazon.com/ec2/v2/home?region=ap-south-1#Instances:
aws
Services
Ganesh Chandrakant Dandavate
Mumbai
Support
New EC2 Experience
EC2 Dashboard
Events
Tags
Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Network Interfaces
Instances (1/1) Info
Actions
Launch instances
Filter instances
Name
Instance ID
Instance state
Instance type
Status check
Alarm Status
Availability zone
Public IPv4 DNS
Public IPv4 ...
Elastic Ip
windows
i-0da8b40e946fe1912
Running
t2.micro
2/2 checks ...
No alarms
ap-south-1a
ec2-13-233-134-34.ap...
13.233.134.34
Instance: i-0da8b40e946fe1912 (windows)
Details
Security
Networking
Storage
Status Checks
Monitoring
Tags
Instance summary Info
Instance ID
i-0da8b40e946fe1912 (windows)
Public IPv4 address
13.233.134.34 | open address
Private IPv4 addresses
172.31.43.23
Instance state
Running
Public IPv4 DNS
ec2-13-233-134-34.ap-south-1.compute.amazonaws.com | open address
Private IPv4 DNS
ip-172-31-43-23.ap-south-1.compute.internal
Instance type
t2.micro
Elastic IP addresses
VPC ID
vpc-b4e90bdf
IAM Role
Subnet ID
subnet-d2676cba
Instance details Info
Platform
AMI ID
Monitoring
Feedback
English (US)
Privacy Policy
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12:15 AM
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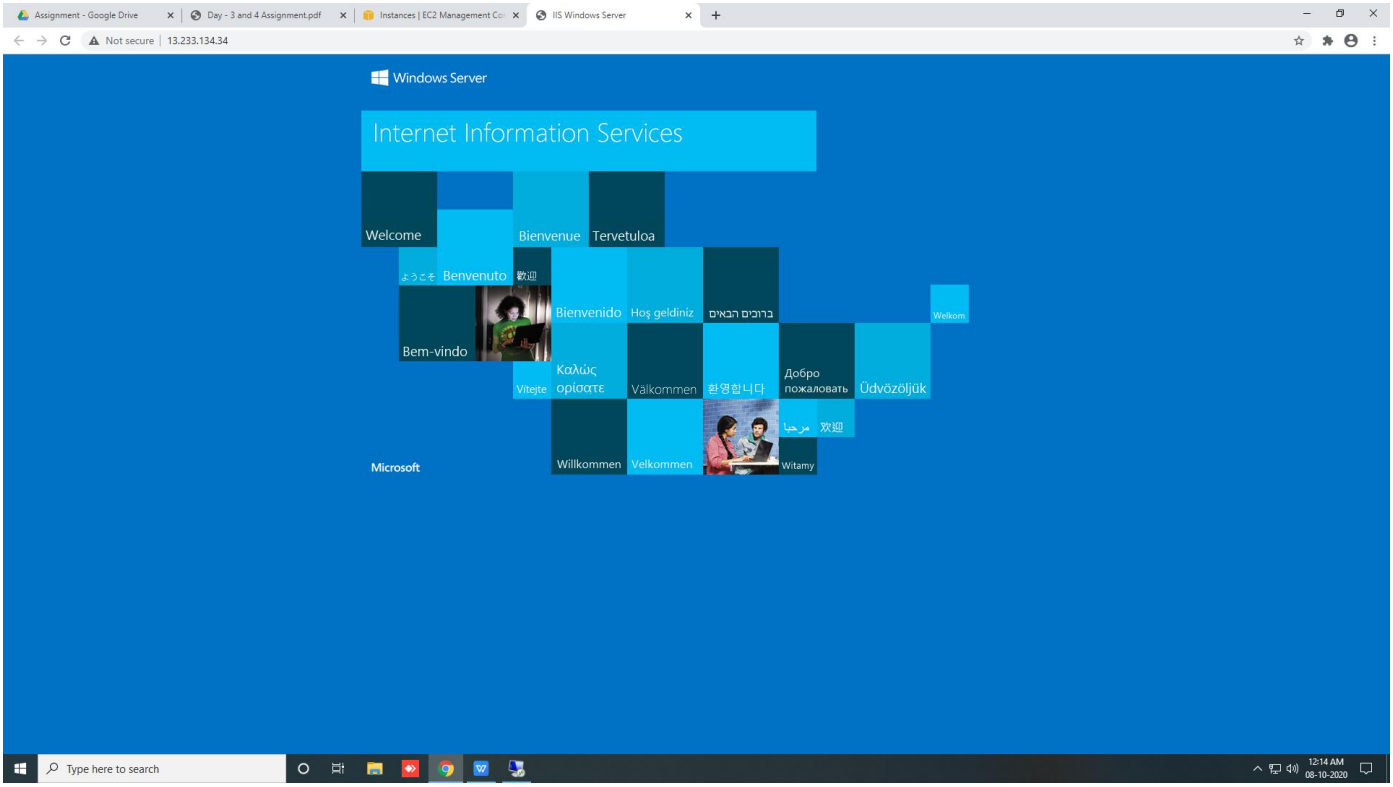
Assignment - Google Drive
Day - 3 and 4 Assignment.pdf
Instances | EC2 Management Co
IIS Windows Server
Not secure | 13.233.134.34
Windows Server
Internet Information Services
Welcome
Bienvenue
Tervetuloa
ようこそ
Benvenuto
歡迎
Bienvenido
Hoş geldiniz
ברוכים הבאים
Welkom
Bem-vindo
Vítejte
Καλώς ορίσατε
Välkommen
환영합니다
Добро пожаловать
Üdvözöljük
مرحبا
欢迎
Willkommen
Velkommen
Witamy
Microsoft
Type here to search
12:14 AM
08-10-2020