



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Date of Evaluation : _____

Evaluators Signature : _____

Create an Amazon EBS-Backed Windows AMI

Sign in to the console with free trial

The screenshot shows the AWS Sign In or Create an AWS Account page. A user has entered their email address ('hirunikakarunaratna@gmail.com') and selected 'I am a returning user' with a password ('*****'). Below the form is a 'Sign in using our secure server' button and a 'Forgot your password?' link. To the right, there is an advertisement for the Amazon EC2 Container Service, featuring a blue background with a white cargo ship icon and the text 'Run Production Docker Workloads with Amazon EC2 Container Service'. At the bottom of the page, there is a note about AWS Identity and Access Management and AWS Multi-Factor Authentication.

EC2 is displayed under AWS Services. Click on EC2 link

The screenshot shows the AWS Management Console Home page. The top navigation bar includes links for AWS Services, Edit, Hirunika Karunaratna, Oregon, and Support. The main area features 'Quick Starts' with icons for building web and mobile apps, launching VMs, backing up files, hosting static websites, and analyzing big data. Below this is a 'Shortcuts and Recently Viewed Services' section with a box containing the EC2 icon. The 'AWS Services' section lists various services under categories like COMPUTE, DEVELOPER TOOLS, INTERNET OF THINGS, etc. The 'COMPUTE' category includes EC2, EC2 Container Service, Elastic Beanstalk, and Lambda. The 'DEVELOPER TOOLS' category includes CodeCommit, CodeDeploy, and CodePipeline. The 'INTERNET OF THINGS' category includes AWS IoT. The 'SERVICE HEALTH' section at the bottom indicates that all services are operating normally.

Navigate to EC2 dashboard. Click on Launch instance

The screenshot shows the AWS EC2 Management Console dashboard. The left sidebar includes sections for EC2 Dashboard, Instances (with options for Instances, Spot Requests, Reserved Instances, Scheduled Instances, and Dedicated Hosts), Images (AMIs, Bundle Tasks), Elastic Block Store (Volumes, Snapshots), and Network & Security (Security Groups, Elastic IPs, Placement Groups, Key Pairs). The main content area displays resource counts: 0 Running Instances, 0 Dedicated Hosts, 0 Volumes, 0 Key Pairs, 0 Elastic IPs, 0 Snapshots, 0 Load Balancers, and 1 Security Group. A central box encourages users to build distributed applications with Amazon Simple Workflow Service. Below this is a 'Create Instance' section with a 'Launch Instance' button. To the right, there are sections for Account Attributes (Supported Platforms, VPC, Default VPC, Resource ID length management), Additional Information (Getting Started Guide, Documentation, All EC2 Resources, Forums, Pricing, Contact Us), and AWS Marketplace (free software trial products). The bottom navigation bar includes links for Feedback, English, and various AWS services.

Navigate to AMI section. Click Select “Microsoft Windows Server 2012 R2 Base” link

The screenshot shows the 'Step 1: Choose an Amazon Machine Image (AMI)' wizard. The top navigation bar shows steps 1. Choose AMI through 7. Review. The main content area lists two AMI options: 'Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-d732f0b7' and 'Microsoft Windows Server 2012 R2 Base - ami-26e72546'. Both are marked as 'Free tier eligible'. The 'Ubuntu' option is selected. A callout box for 'Amazon RDS' suggests launching a database instance, with a 'Launch a database using RDS' button. The bottom navigation bar includes links for Feedback, English, and various AWS services.

Navigate to choose an instance type section. Click Review and Launch

Step 2: Choose an Instance Type

Amazon EC2 provides a wide selection of instance types optimized to fit different use cases. Instances are virtual servers that can run applications. They have varying combinations of CPU, memory, storage, and networking capacity, and give you the flexibility to choose the appropriate mix of resources for your applications. [Learn more](#) about instance types and how they can meet your computing needs.

Filter by: All instance types Current generation Show/Hide Columns

Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	m4.large	2	8	EBS only	Yes	Moderate

Cancel Previous Review and Launch Next: Configure Instance Details

Navigated to step 7. Click Launch

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.

AMI Details Edit AMI

Microsoft Windows Server 2012 R2 Base - ami-26e72546
Free tier eligible Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]
Root Device Type: ebs Virtualization type: hvm

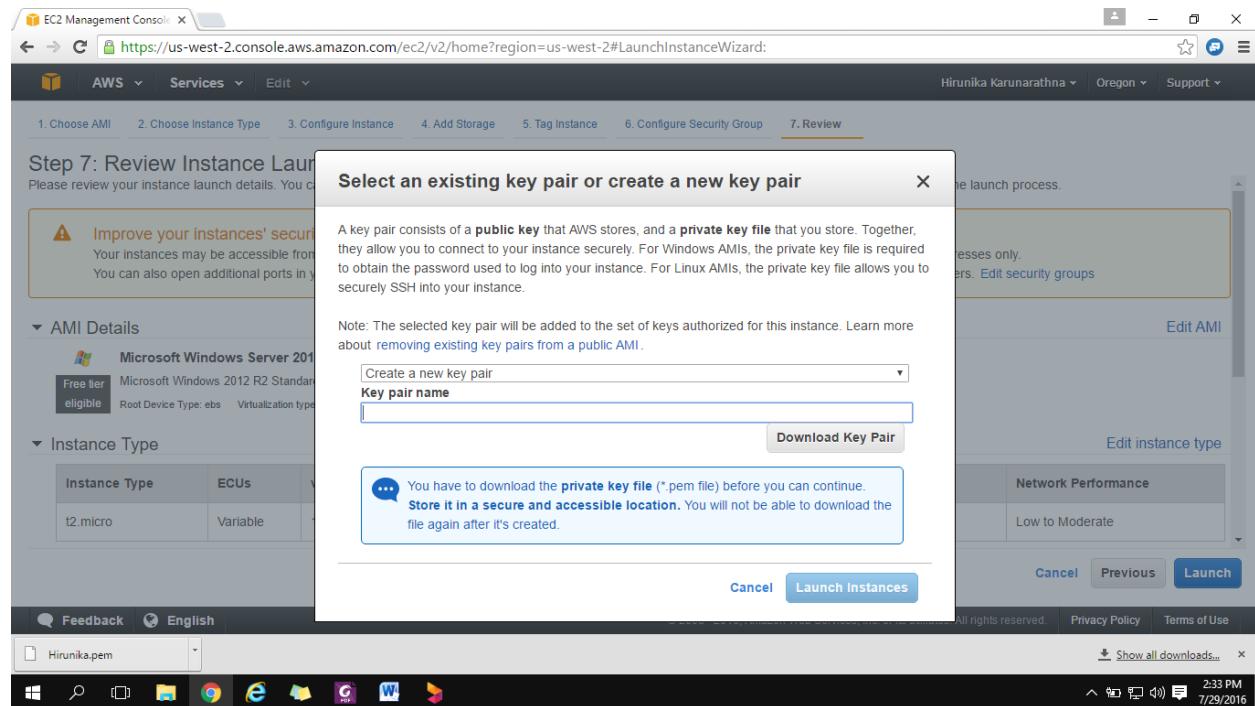
Instance Type Edit instance type

Instance Type	ECUs	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
t2.micro	Variable	1	1	EBS only	-	Low to Moderate

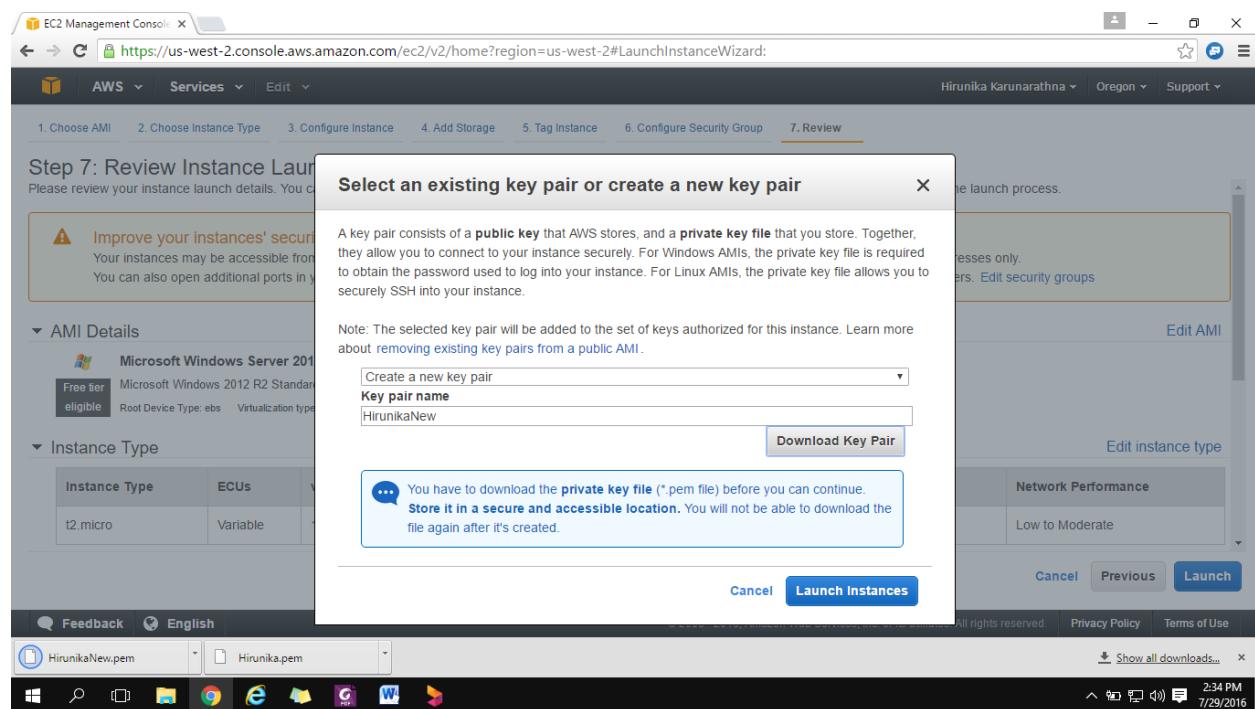
Security Groups Edit security groups

Cancel Previous Launch

Select “Create new key pair” from 1st drop down menu and give key pair name as you wish. Click download key pair. It will get several time and download a .pem file with the provided name by us



Click launch instance



Instance will be created

EC2 Management Console

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:

AWS Services Edit Hirunika Karunaratna Oregon Support

Launch Status



Initiating Instance Launches

Please do not close your browser while this is loading

Creating security groups... Successful

Authorizing inbound rules... Successful

Initiating launches...

Feedback English

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HirunikaNew.pem Hirunika.pem Show all downloads...

2:34 PM 7/29/2016

Launch Status

Your instances are now launching

The following instance launches have been initiated: i-0dfb84c77dec02a5 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

- Amazon EC2: User Guide
- How to connect to your Windows instance
- Learn about AWS Free Usage Tier
- Amazon EC2: Microsoft Windows Guide
- Amazon EC2: Discussion Forum

Feedback English

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2:35 PM 7/29/2016

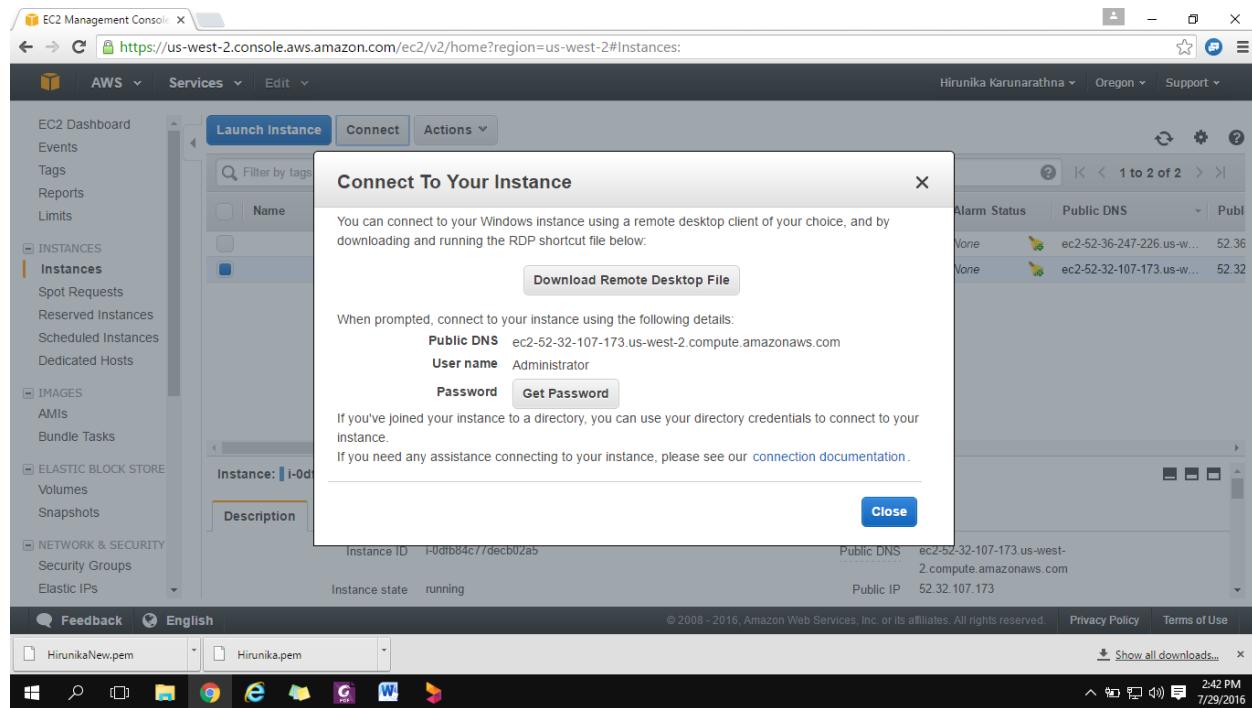
System is navigated to Launch Status page. Click “View Instance”

The screenshot shows the AWS EC2 Management Console Launch Status page. At the top, there is a navigation bar with tabs for AWS, Services, and Edit, and user information for Hirunika Karunarathna, Oregon, and Support. Below the navigation bar, the main content area has a title "Launch Status". Under this, there is a section titled "How to connect to your instances" with a note about instances launching and becoming ready for use. It includes links to "View Instances", "Amazon EC2: User Guide", "Amazon EC2: Microsoft Windows Guide", and "Amazon EC2: Discussion Forum". A section titled "Here are some helpful resources to get you started" also lists these links. Further down, there is a note about creating status check alarms and attaching EBS volumes, along with a link to manage security groups. At the bottom right of the main content area is a blue "View Instances" button.

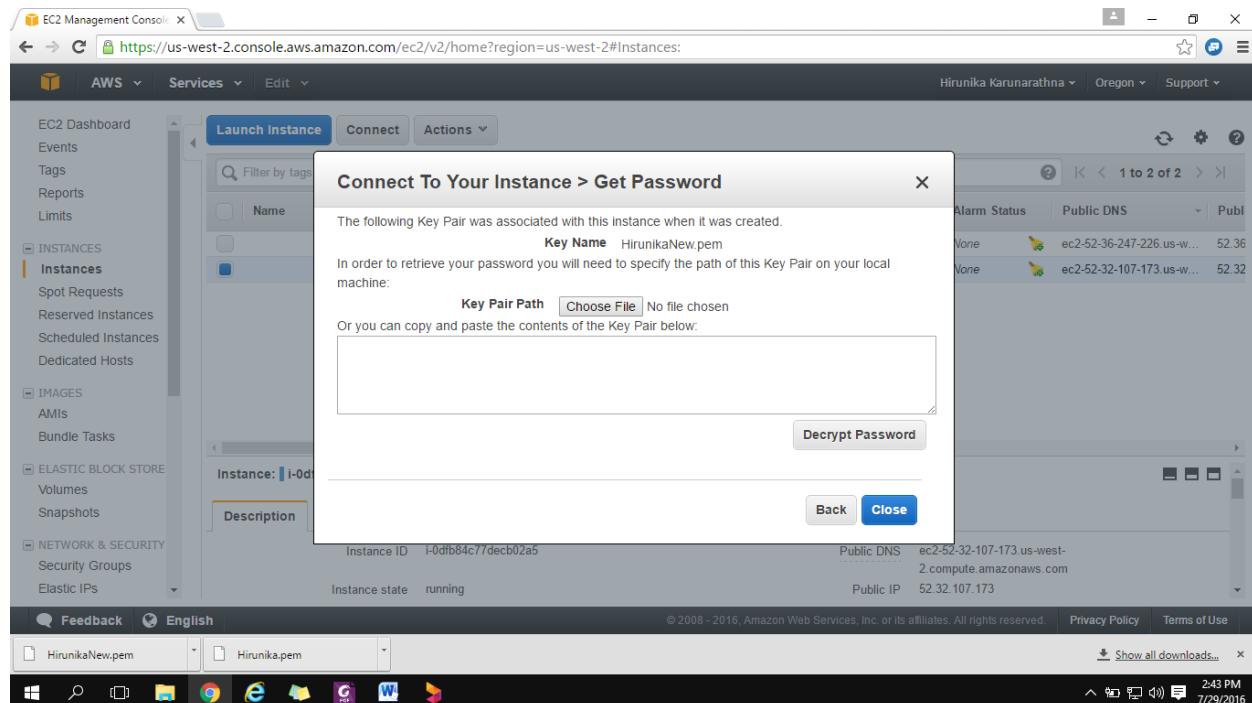
Select the instance that you need, and click “Connect”

The screenshot shows the AWS EC2 Management Console Instances page. The left sidebar has sections for EC2 Dashboard, Events, Tags, Reports, Limits, INSTANCES (with Instances selected), IMAGES, AMIs, Bundle Tasks, ELASTIC BLOCK STORE, Volumes, Snapshots, and NETWORK & SECURITY (with Security Groups selected). The main content area shows a table of instances. One instance, "i-0dfb84c77decb02a5", is selected and highlighted with a blue border. Below the table, a detailed view for this instance is shown. The "Description" tab is selected, displaying the Instance ID (i-0dfb84c77decb02a5), Public DNS (ec2-52-32-107-173.us-west-2.compute.amazonaws.com), and Instance state (running). Other tabs include "Status Checks", "Monitoring", and "Tags". At the bottom of the main content area is a blue "Connect" button.

Then it will appear this pop up window



Click get password button



Choose .pem file that downloaded in previously steps.before encrypted instance password

The following Key Pair was associated with this instance when it was created.

Key Name HirunikaNew.pem

In order to retrieve your password you will need to specify the path of this Key Pair on your local machine:

Key Pair Path Choose File HirunikaNew.pem

Or you can copy and paste the contents of the Key Pair below:

```
-----BEGIN RSA PRIVATE KEY-----MIIEogIBAAKCAQEApDY3Nru/A+VviwrJ7+a7udweDrliouU8qQl4mY0KOPVH0dmkabS49tI3y11HUstdBw9nU5tcQaIEKVDMOWW6K7rxwJ+axJXAlfAoobddmob3ghoAOIAU5NppFp3phgPx3/gzaFAMSyDWzYadYdjiwoMB7MoX1apUVuIMYScwHO7GHKxjdAKLM1Ez0L/Cjt+FxJvpRZiofFq3n+CshCXOek/01YA1xiSveNsRVMWrl/LUYPvIxXX/EXYYVFbd1XaijZmtT3Q5i+BNKOosO/KwWg/wN/EY
```

Decrypt Password

Back **Close**

Instance ID: i-0db84c77decb02a5
Instance state: running
Public DNS: ec2-52-32-107-173.us-west-2.compute.amazonaws.com
Public IP: 52.32.107.173

Feedback English HirunikaNew.pem Hirunika.pem Show all downloads... 2:44 PM 7/29/2016

After encrypted remember the password.Click Close button

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 ec2-52-32-107-173.us-west-2.compute.amazonaws.com
User name Administrator
Password e@&Tw8\$ft

If you've joined your instance to a directory, you can use your directory credentials to connect to your instance.

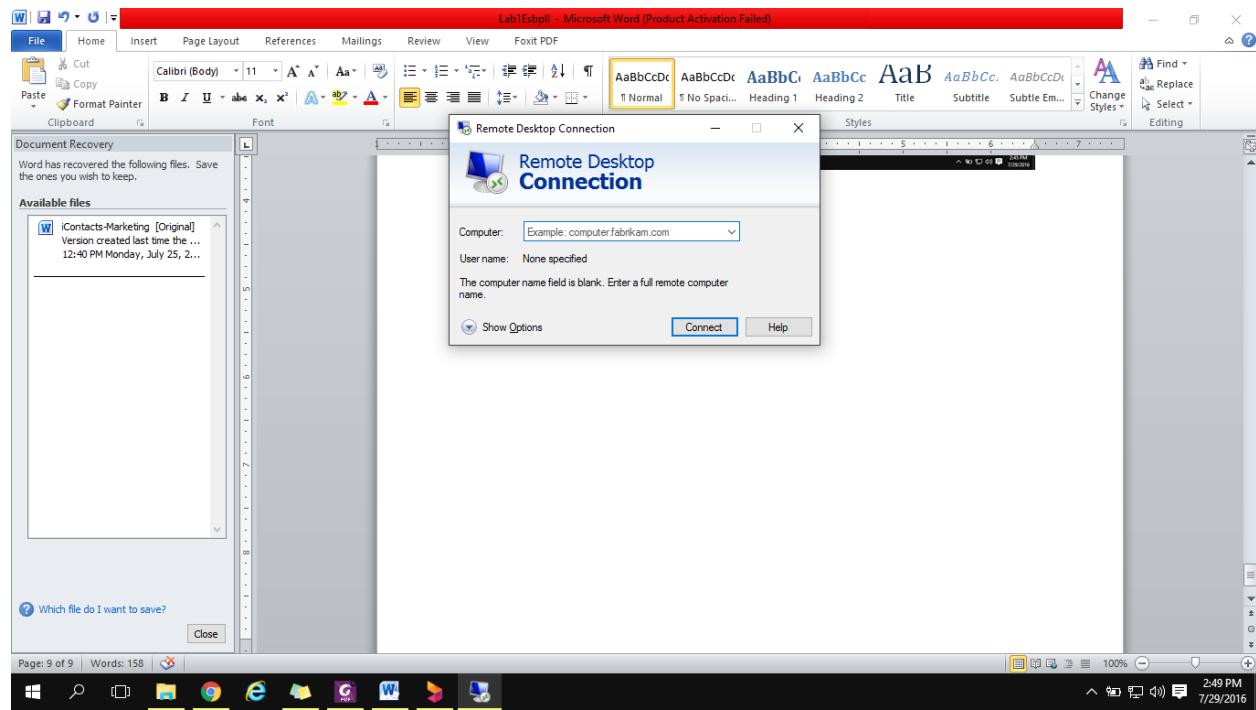
If you need any assistance connecting to your instance, please see our [connection documentation](#).

Close

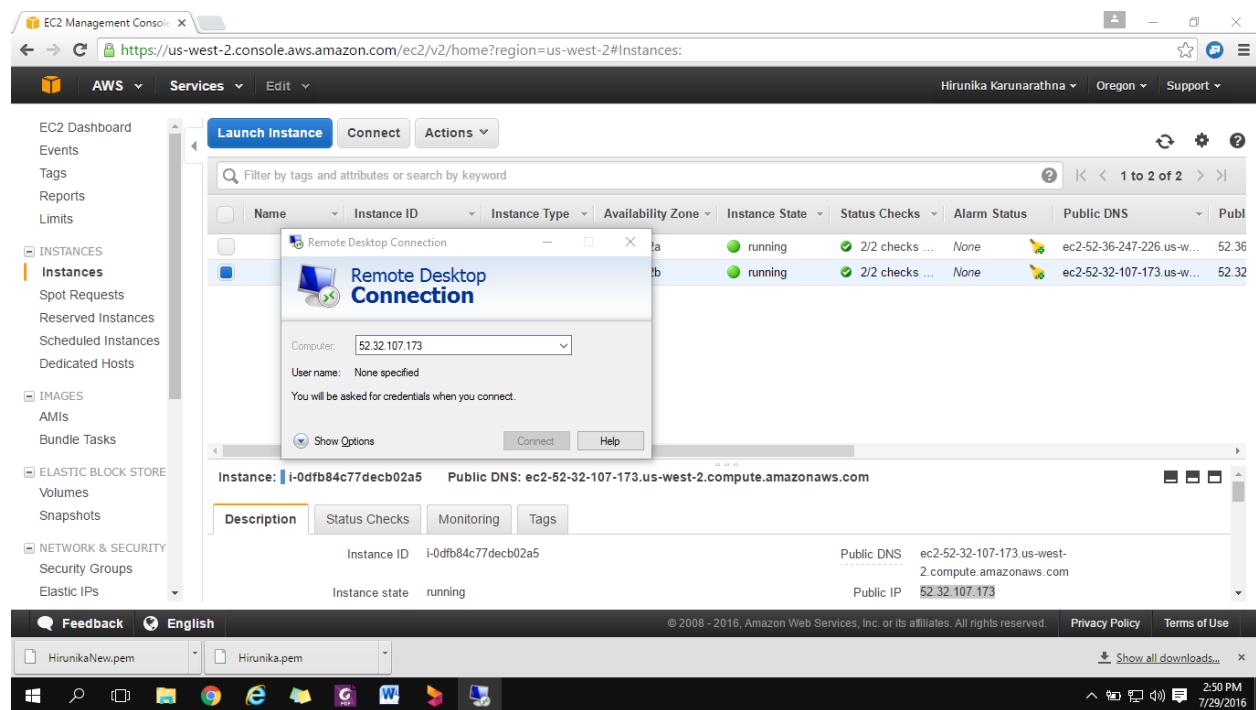
Instance ID: i-0db84c77decb02a5
Instance state: running
Public DNS: ec2-52-32-107-173.us-west-2.compute.amazonaws.com
Public IP: 52.32.107.173

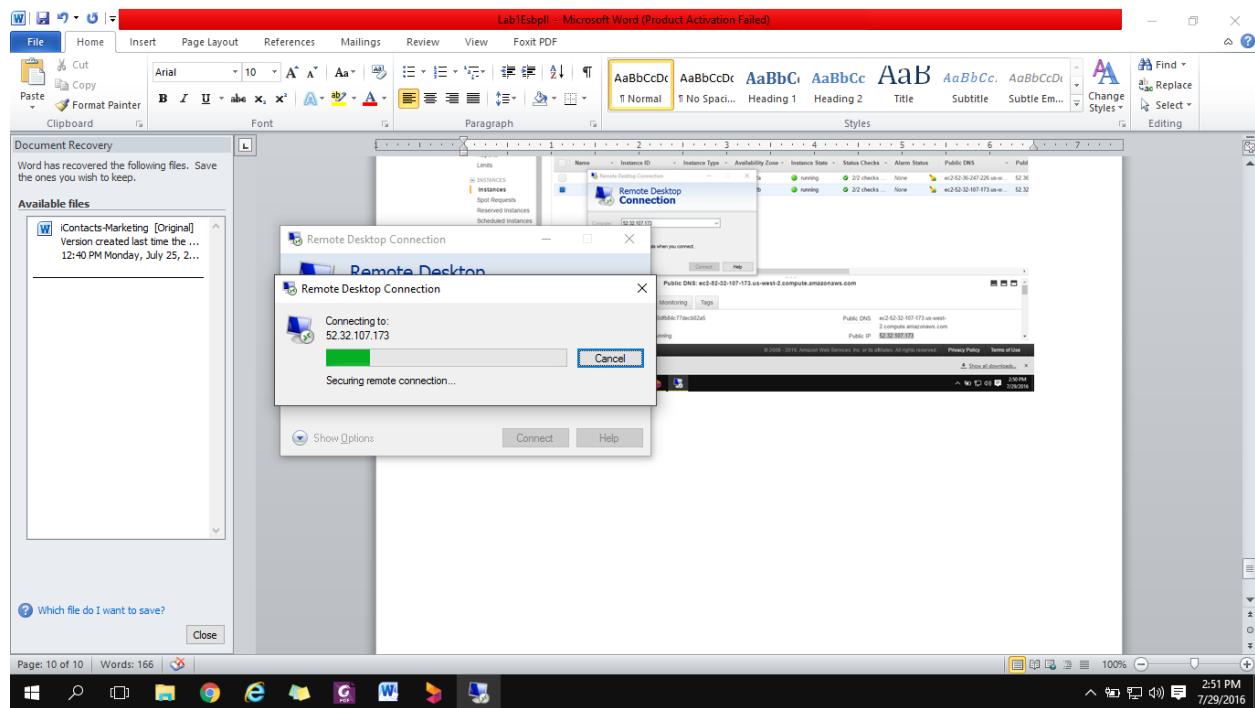
Feedback English HirunikaNew.pem Hirunika.pem Show all downloads... 2:45 PM 7/29/2016

Connect with RD Connection

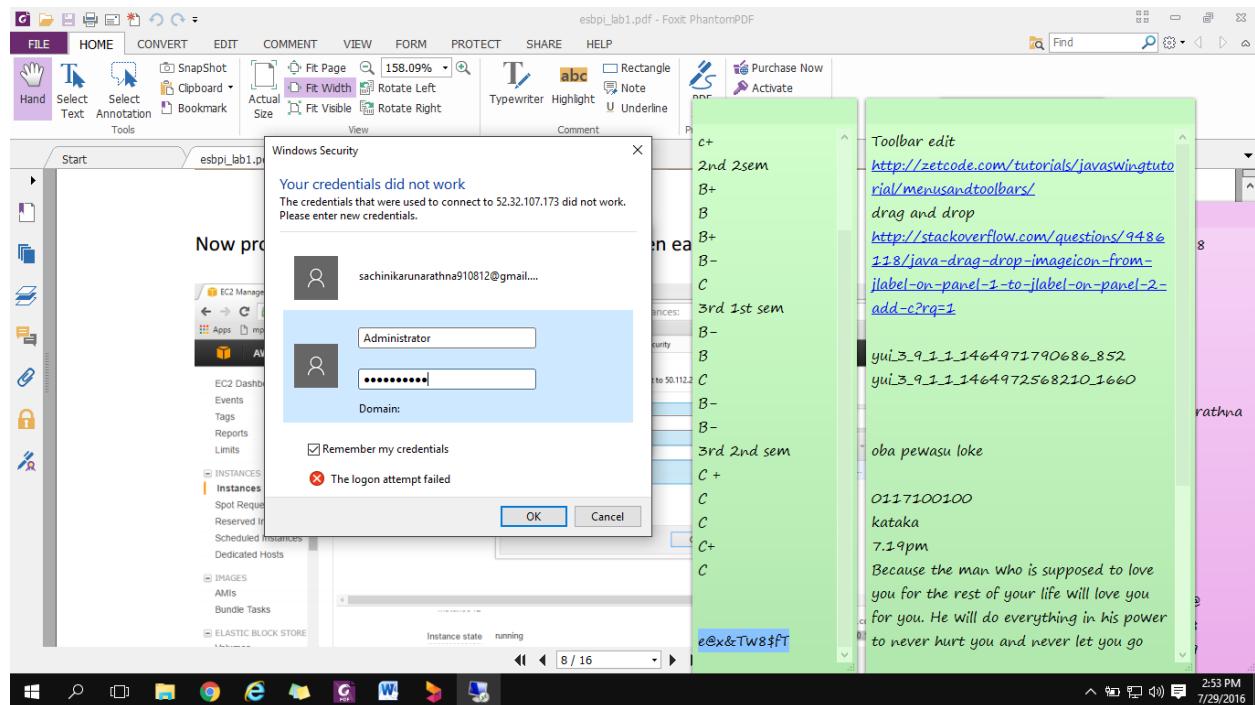


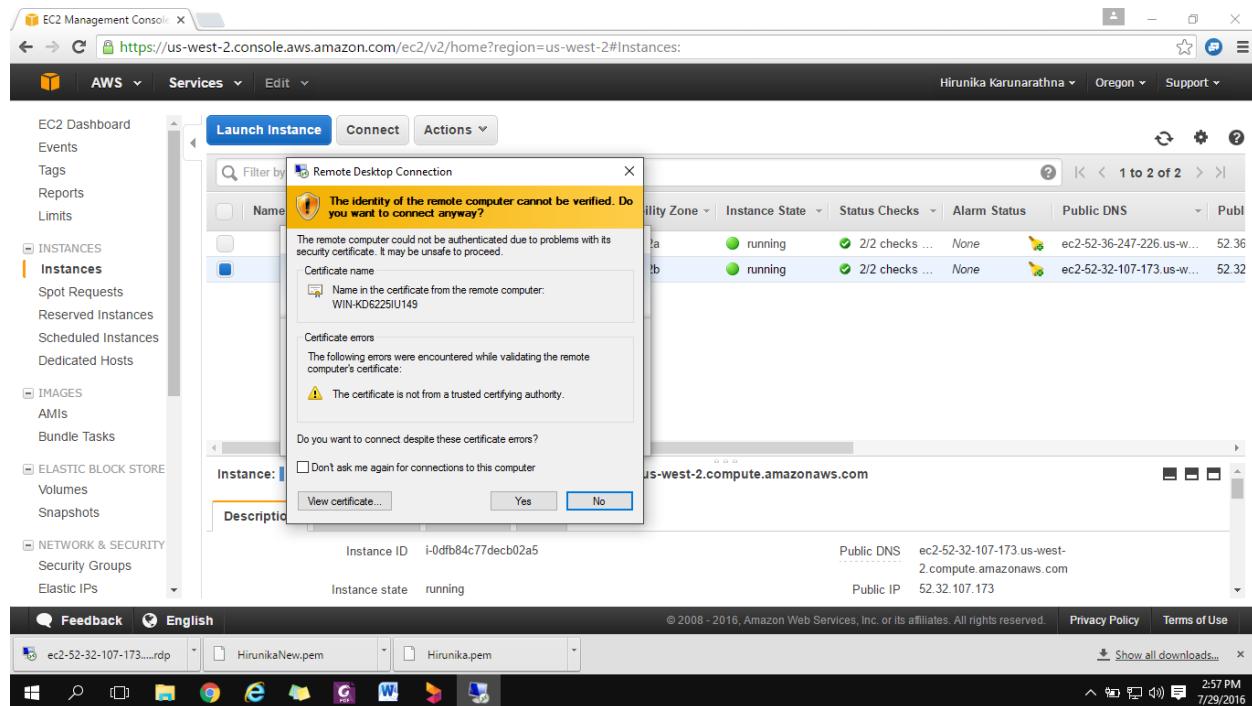
Use public ID 52.32.107.173 and click connect button





Provide user name as Administrator and password e@x&Tw8\$ftT





Click Yes. Then you can see Windows Server



Terminate the instance, Right click instance State then terminate. Next click “Yes Terminate”

Screenshot of the AWS EC2 Management Console showing the Instances page. A context menu is open over instance i-0dfb84c77dec02a5, listing options like Connect, Get Windows Password, Launch More Like This, Instance State (with Start, Stop, Reboot, Terminate), Instance Settings, Image, Networking, and CloudWatch Monitoring.

Instances

- EC2 Dashboard
- Events
- Tags
- Reports
- Limits
- Instances**
 - Spot Requests
 - Reserved Instances
 - Scheduled Instances
 - Dedicated Hosts
- Images
- AMIs
- Bundle Tasks
- Elastic Block Store
- Volumes
- Snapshots
- Network & Security
- Security Groups
- Elastic IPs

Feedback English

Actions

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS	Pub...
i-0996035d73e4fa6ec	t2.micro	us-west-2a	running	2/2 checks ...	None	ec2-52-36-247-226.us-w...	52.36	
i-0dfb84c77dec02a5	t2.micro	us-west-2b	running	2/2 checks ...	None	ec2-52-32-107-173.us-w...	52.32	

Description **Status Checks** **Monitoring** **Tags**

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ec2-52-32-107-173....rdp HirunikaNew.pem Hirunika.pem

3:02 PM 7/29/2016

Screenshot of the AWS EC2 Management Console showing the Instances page. A modal dialog titled "Terminate Instances" is displayed, containing a warning message about EBS-backed instances and a confirmation question. The "Yes, Terminate" button is highlighted.

Instances

- EC2 Dashboard
- Events
- Tags
- Reports
- Limits
- Instances**
 - Spot Requests
 - Reserved Instances
 - Scheduled Instances
 - Dedicated Hosts
- Images
- AMIs
- Bundle Tasks
- Elastic Block Store
- Volumes
- Snapshots
- Network & Security
- Security Groups
- Elastic IPs

Feedback English

Actions

Terminate Instances

Warning
On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.

Are you sure you want to terminate these instances?
i-0dfb84c77dec02a5 (ec2-52-32-107-173.us-west-2.compute.amazonaws.com)

Cancel **Yes, Terminate**

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS	Pub...
i-0996035d73e4fa6ec	t2.micro	us-west-2a	running	2/2 checks ...	None	ec2-52-36-247-226.us-w...	52.36	
i-0dfb84c77dec02a5	t2.micro	us-west-2b	running	2/2 checks ...	None	ec2-52-32-107-173.us-w...	52.32	

Description **Status Checks** **Monitoring** **Tags**

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ec2-52-32-107-173....rdp HirunikaNew.pem Hirunika.pem

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Verify Instance Status is whether Terminated or not

The screenshot shows the AWS EC2 Management Console interface. On the left, there's a navigation sidebar with links for EC2 Dashboard, Events, Tags, Reports, Limits, Instances (selected), Spot Requests, Reserved Instances, Scheduled Instances, Dedicated Hosts, Images (AMIs), and Elastic Block Store (Volumes, Snapshots). The main content area has tabs for Launch Instance, Connect, and Actions. A search bar at the top says "Filter by tags and attributes or search by keyword". Below it is a table showing two terminated instances:

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS
	i-0996035d73e4fa6ec	t2.micro	us-west-2a	terminated			None
	i-0dfb84c77decb02a5	t2.micro	us-west-2b	terminated			None

Below the table is a detailed view for the first instance (i-0996035d73e4fa6ec). It shows the Public DNS as '-' and lists the Instance ID, Instance state (terminated), and Instance type (t2.micro). The status bar at the bottom indicates the session is from ec2-52-32-107-173.rdp and the user is HirunikaNew.pem.

Create an Amazon EBS-Backed Linux

Create a new instance for Amazon Linux AMI

The screenshot shows the AWS EC2 Launch Instance Wizard, Step 1: Choose an Amazon Machine Image (AMI). The URL is https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:.

Step 1: Choose an Amazon Machine Image (AMI)

community, or the AWS Marketplace, or you can select one of your own AMIs.

Quick Start

- My AMIs
- AWS Marketplace
- Community AMIs
- Free tier only

Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type - ami-7172b611
The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.
Root device type: ebs Virtualization type: hvm
Select 64-bit

Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-775e4f16
Red Hat Enterprise Linux version 7.2 (HVM), EBS General Purpose (SSD) Volume Type
Root device type: ebs Virtualization type: hvm
Select 64-bit

SUSE Linux Enterprise Server 12 SP1 (HVM), SSD Volume Type - ami-d2627db3
SUSE Linux Enterprise Server 12 Service Pack 1 (HVM), EBS General Purpose (SSD) Volume Type. Public Cloud, Advanced Systems Management, Web and Scripting, and Legacy modules enabled.
Select 64-bit

The screenshot shows the AWS EC2 Management Console interface. The session bar at the bottom shows the following items: when_i_dream_at_ni...png, ec2-52-32-107-173.rdp, HirunikaNew.pem, Hirunika.pem. The status bar at the bottom right shows the time as 9:22 PM and the date as 7/29/2016.

Click Select on the “Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type - ami-7172b611” link

The screenshot shows the AWS EC2 Management Console. The URL is <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The user is at Step 2: Choose an Instance Type. A table lists various instance types, with t2.micro selected. The table columns include Family, Type, vCPUs, Memory (GiB), Instance Storage (GB), EBS-Optimized Available, and Network Performance.

	Family	Type	vCPUs	Memory (GiB)	Instance Storage (GB)	EBS-Optimized Available	Network Performance
<input type="checkbox"/>	General purpose	t2.nano	1	0.5	EBS only	-	Low to Moderate
<input checked="" type="checkbox"/>	General purpose	t2.micro Free tier eligible	1	1	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.small	1	2	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.medium	2	4	EBS only	-	Low to Moderate
<input type="checkbox"/>	General purpose	t2.large	2	8	EBS only	-	Low to Moderate

Buttons at the bottom include Cancel, Previous, Review and Launch (highlighted in blue), and Next: Configure Instance Details.

Click Review and Launch

The screenshot shows the AWS EC2 Management Console. The URL is <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The user is at Step 7: Review Instance Launch. A summary of the instance details is shown, including the AMI and instance type. A callout box provides security recommendations. The Launch button is highlighted in blue.

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.

AMI Details

Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type - ami-7172b611
Free tier eligible
The Amazon Linux AMI is an EBS-backed, AWS-supported image. The default image includes AWS command line tools, Python, Ruby, Perl, and Java. The repositories include Docker, PHP, MySQL, PostgreSQL, and other packages.
Root Device Type: ebs Virtualization type: hvm

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

Buttons at the bottom include Cancel, Previous, and Launch (highlighted in blue).

Click Launch button. It will appear pop up window

Please review your instance launch details. You can always change them later.

AMI Details

Amazon Linux AMI 2016.03.3 (x86_64) - ami-0a2a2a2a
Free tier eligible The Amazon Linux AMI is an EBS-backed, general-purpose Linux AMI. It includes the latest version of the Amazon Linux distribution, which is based on Red Hat Enterprise Linux. It supports multiple operating systems, including PHP, MySQL, PostgreSQL, and other popular web frameworks.

Instance Type

Instance Type	ECUs
t2.micro	Variable

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
Hirunika

I acknowledge that I have access to the selected private key file (Hirunika.pem), and that without this file, I won't be able to log into my instance.

Cancel Launch Instances

Network Performance
Low to Moderate

Cancel Previous Launch

Select Create a new key pair, give proper name Ex : HirunikaLinux and click Download key pair

Please review your instance launch details. You can always change them later.

AMI Details

Amazon Linux AMI 2016.03.3 (x86_64) - ami-0a2a2a2a
Free tier eligible The Amazon Linux AMI is an EBS-backed, general-purpose Linux AMI. It includes the latest version of the Amazon Linux distribution, which is based on Red Hat Enterprise Linux. It supports multiple operating systems, including PHP, MySQL, PostgreSQL, and other popular web frameworks.

Instance Type

Instance Type	ECUs
t2.micro	Variable

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](#).

Create a new key pair
Key pair name
HirunikaLinux

You have to download the **private key file** (*.pem file) before you can continue.
Store it in a secure and accessible location. You will not be able to download the file again after it's created.

Cancel Launch Instances

Network Performance
Low to Moderate

Cancel Previous Launch

.pem file will be downloaded. Click Launch Instance button

Please review your instance launch details. You can always change them later.

Step 7: Review Instance Launch

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](#).

AMI Details

Amazon Linux AMI 2016.03.3 (HVM, SSD Volume Type)
Free tier eligible
The Amazon Linux AMI is an EBS-backed Linux distribution that runs on Amazon's own custom 64-bit architecture. It includes the latest versions of PHP, MySQL, PostgreSQL, and other popular open-source software. Root Device Type: ebs Virtualization type: HVM

Instance Type

Instance Type	ECUs
t2.micro	Variable

Select an existing key pair or create a new key pair

Create a new key pair
Key pair name: HirunikaLinux
Download Key Pair

You have to download the **private key file** (*.pem file) before you can continue. **Store it in a secure and accessible location.** You will not be able to download the file again after it's created.

Cancel Launch Instances

Initiating Instance Launches

Please do not close your browser while this is loading

Creating security groups...

Initiating Instance Launches

Please do not close your browser while this is loading

Creating security groups...

EC2 Management Console

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:

AWS Services Edit Hirunika Karunarathna Oregon Support

Launch Status

Your instances are now launching
The following instance launches have been initiated: i-0cb167c72d0629d0d 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 Linux instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

Feedback English

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HirunikaLinux.pem when_i_dream_at_night.png ec2-52-32-107-173....rdp HirunikaNew.pem Hirunika.pem Show all downloads... 9:32 PM 7/29/2016

Click on View Instance

EC2 Management Console

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:

AWS Services Edit Hirunika Karunarathna Oregon Support

Launch Status

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 Linux instance](#)
- [Amazon EC2: User Guide](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: Discussion Forum](#)

While your instances are launching you can also

Create status check alarms to be notified when these instances fail status checks. (Additional charges may apply)

Create and attach additional EBS volumes (Additional charges may apply)

Manage security groups

[View Instances](#)

Feedback English

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HirunikaLinux.pem when_i_dream_at_night.png ec2-52-32-107-173....rdp HirunikaNew.pem Hirunika.pem Show all downloads... 9:33 PM 7/29/2016

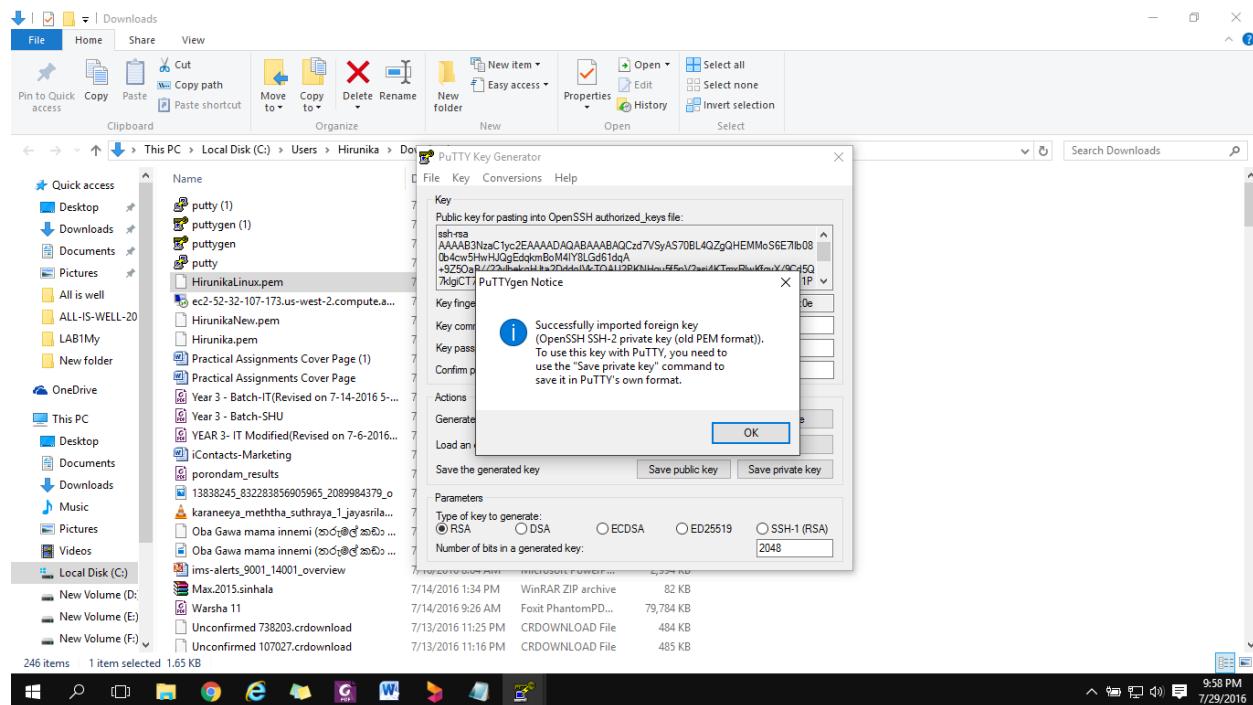
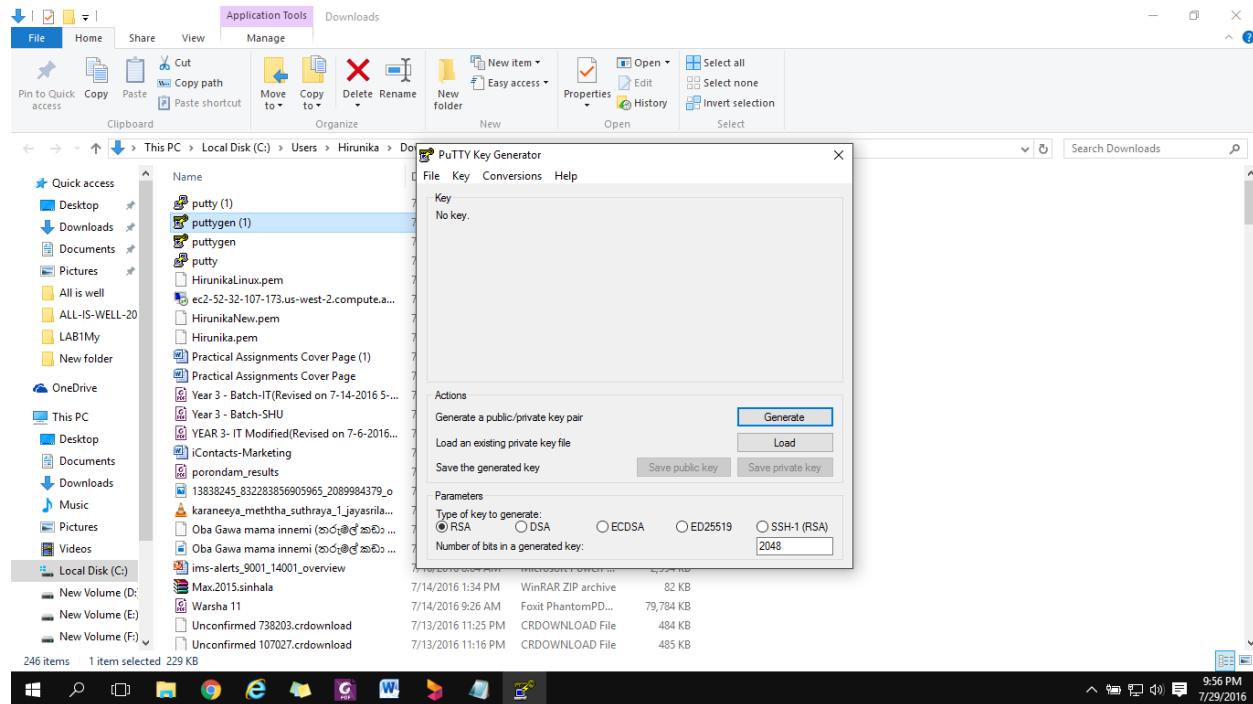
Click Connect

The screenshot shows the AWS EC2 Management Console interface. On the left, there's a navigation sidebar with links for EC2 Dashboard, Events, Tags, Reports, Limits, Instances (selected), Spot Requests, Reserved Instances, Scheduled Instances, Dedicated Hosts, Images, AMIs, Bundle Tasks, Elastic Block Store (Volumes, Snapshots), and Network & Security (Security Groups, Elastic IPs). The main area displays a table of instances. One instance is selected: i-0cb167c72d0629d0d, which is a t2.micro type in the us-west-2b availability zone, currently running. The Public DNS is ec2-52-43-29-34.us-west-2.compute.amazonaws.com and the Public IP is 52.43.29.34. Below the table, there's a detailed view for the selected instance, showing its ID, state, and public details. At the bottom, there's a toolbar with various icons and a status bar indicating the date and time.

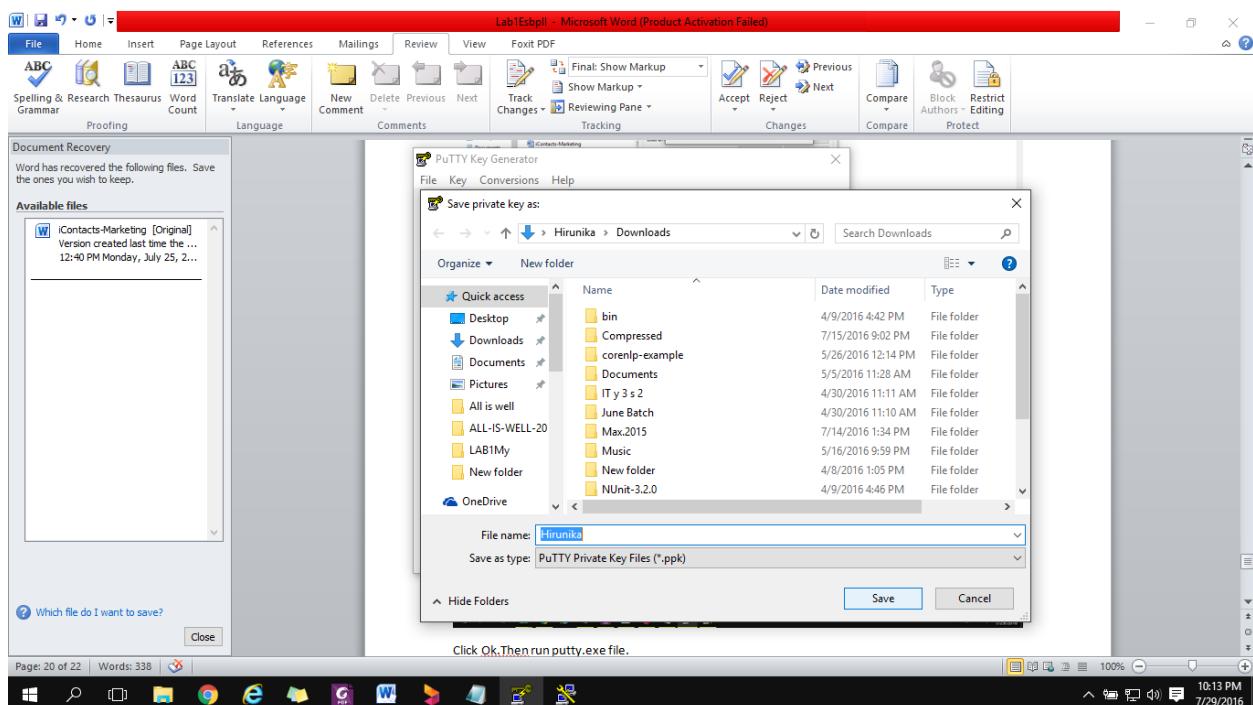
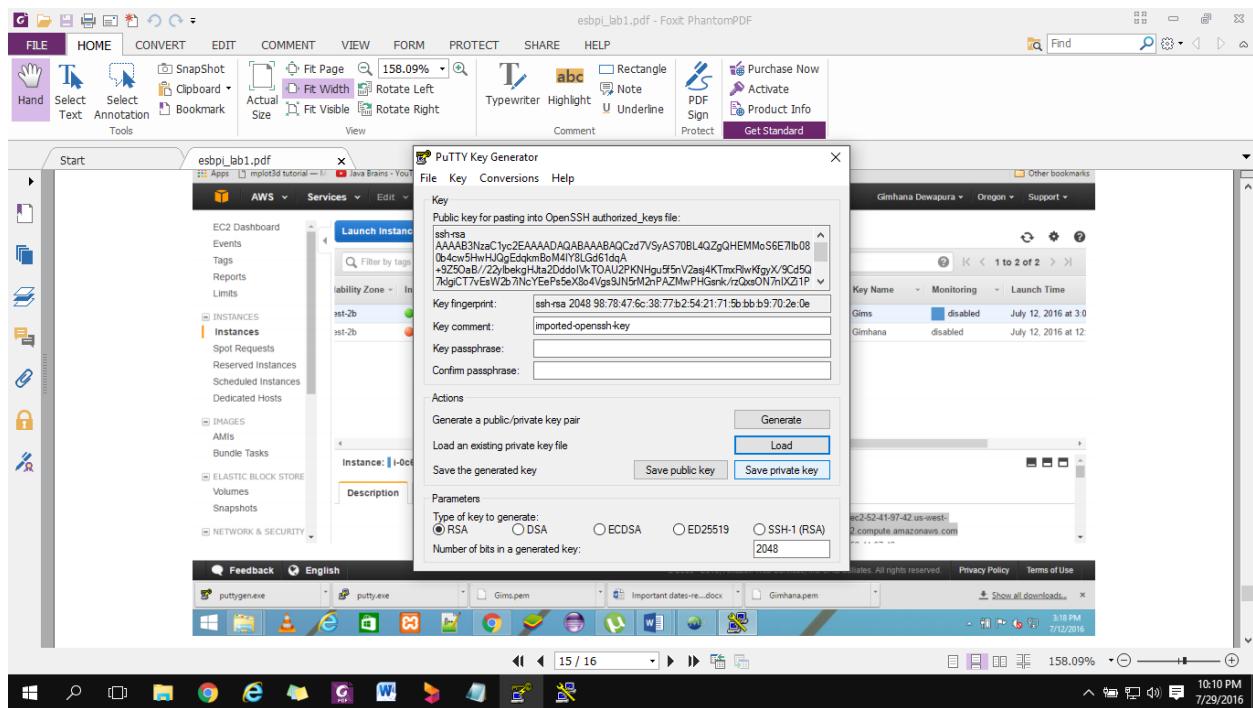
Download puttygen.exe and putty.exe

The screenshot shows a web browser window displaying the Putty Download Page at www.chiark.greenend.org.uk/~sgtatham/putty/download.html. The page lists download links for various Putty components. It includes sections for Windows x86, a ZIP file containing all binaries, and a Windows MSI installer. SHA-256 and SHA-512 checksums are provided for each file, along with signature links. The browser's address bar shows the URL, and the taskbar at the bottom has several pinned icons.

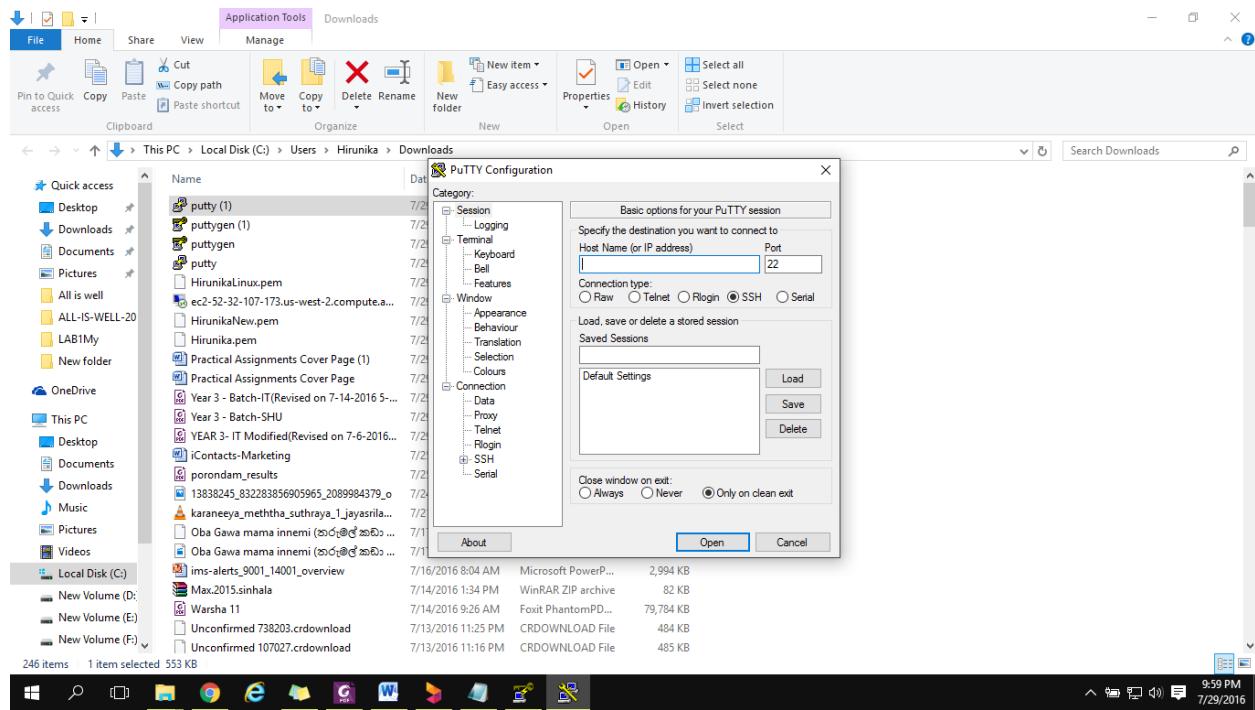
After download click puttygen.exe file and click Load. Then brows HirunikaLinux.pem file in to it



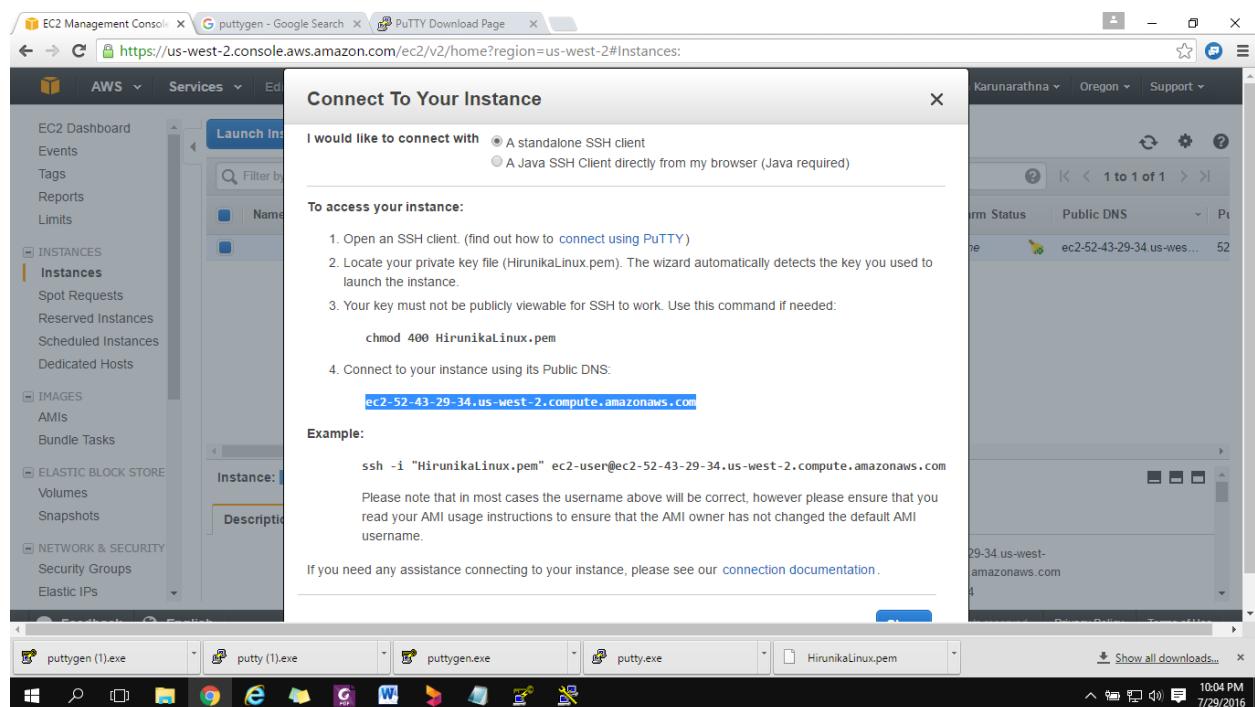
Click Save private key. Give proper name to .ppk file Ex Hirunika.ppk



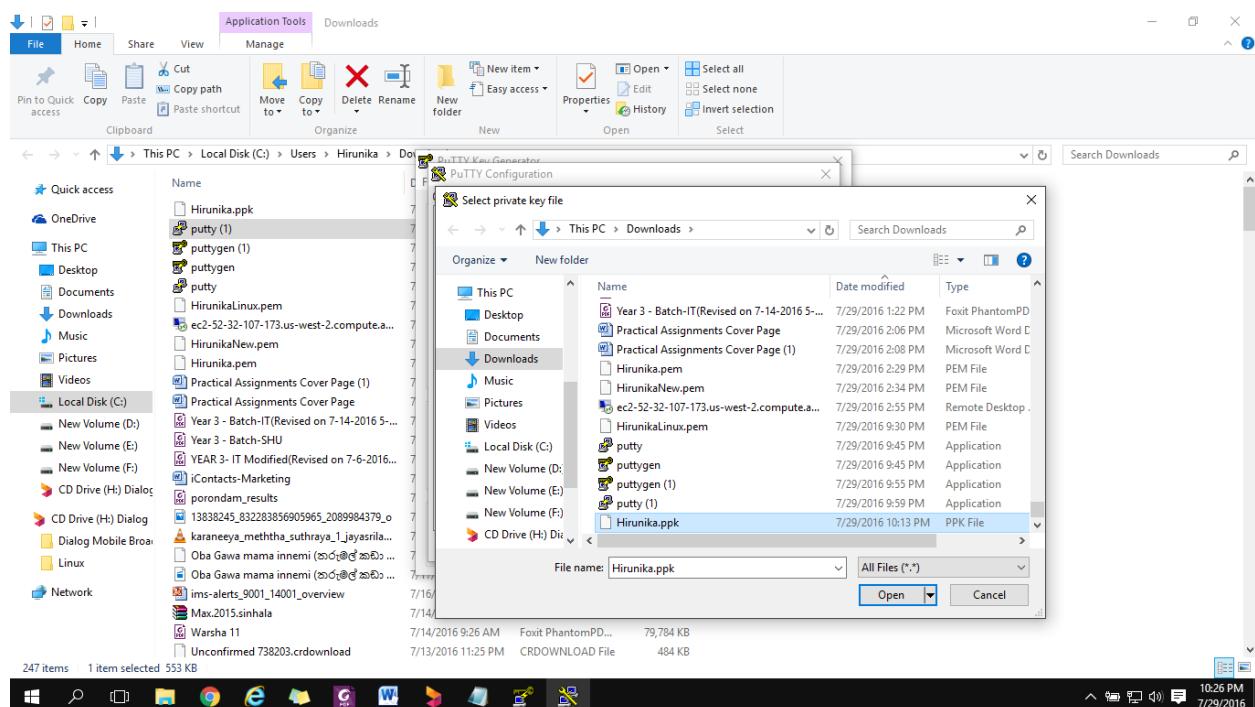
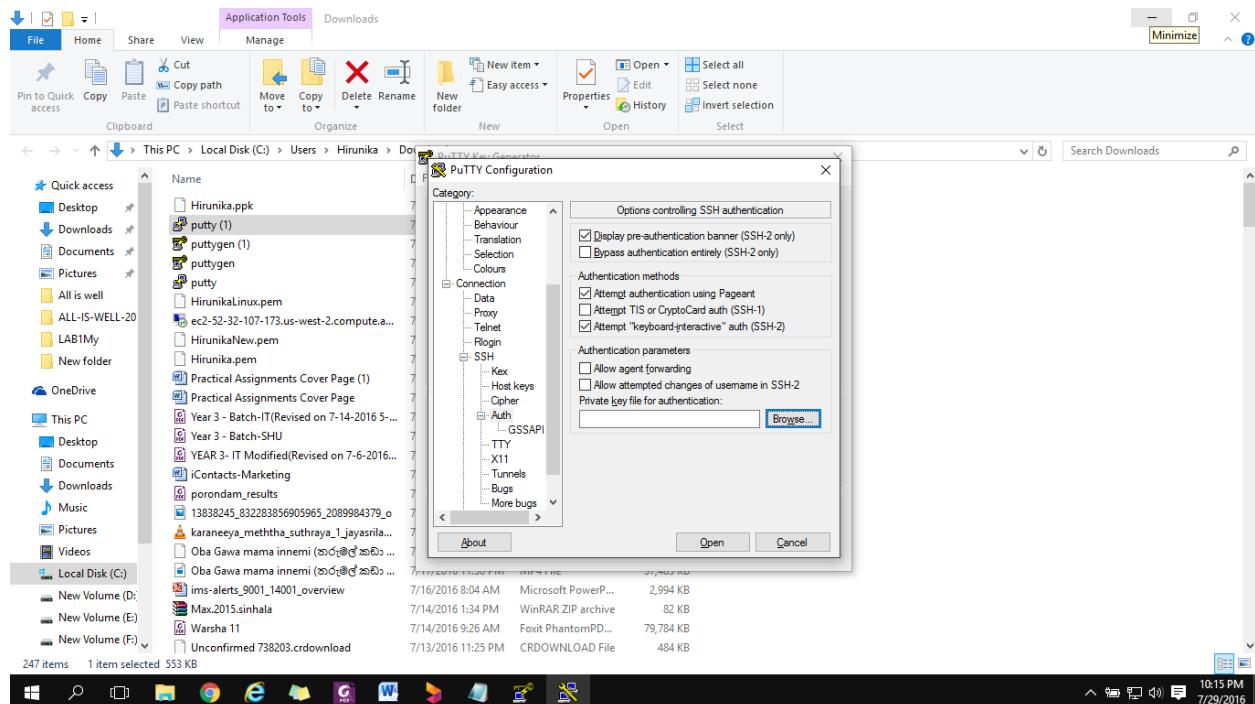
Click Ok.Then run putty.exe file.



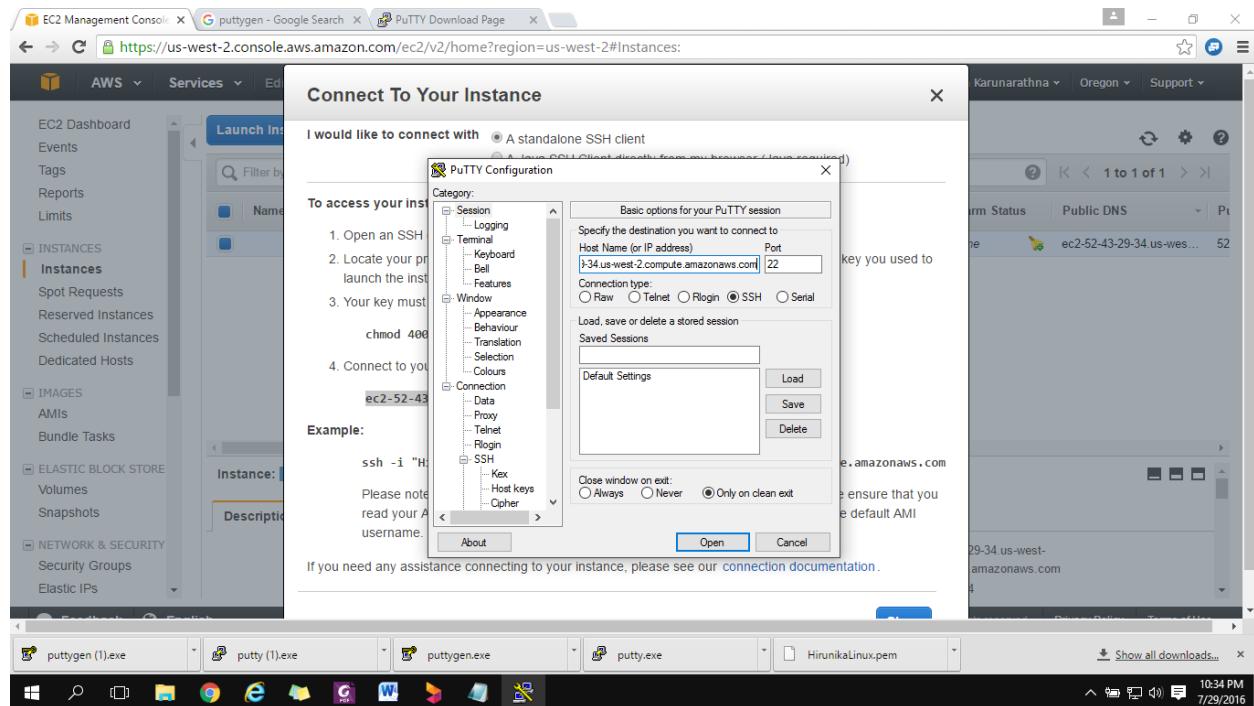
Copy Public DNS code under 4th option in “To access your instance” section from Amazon web site.



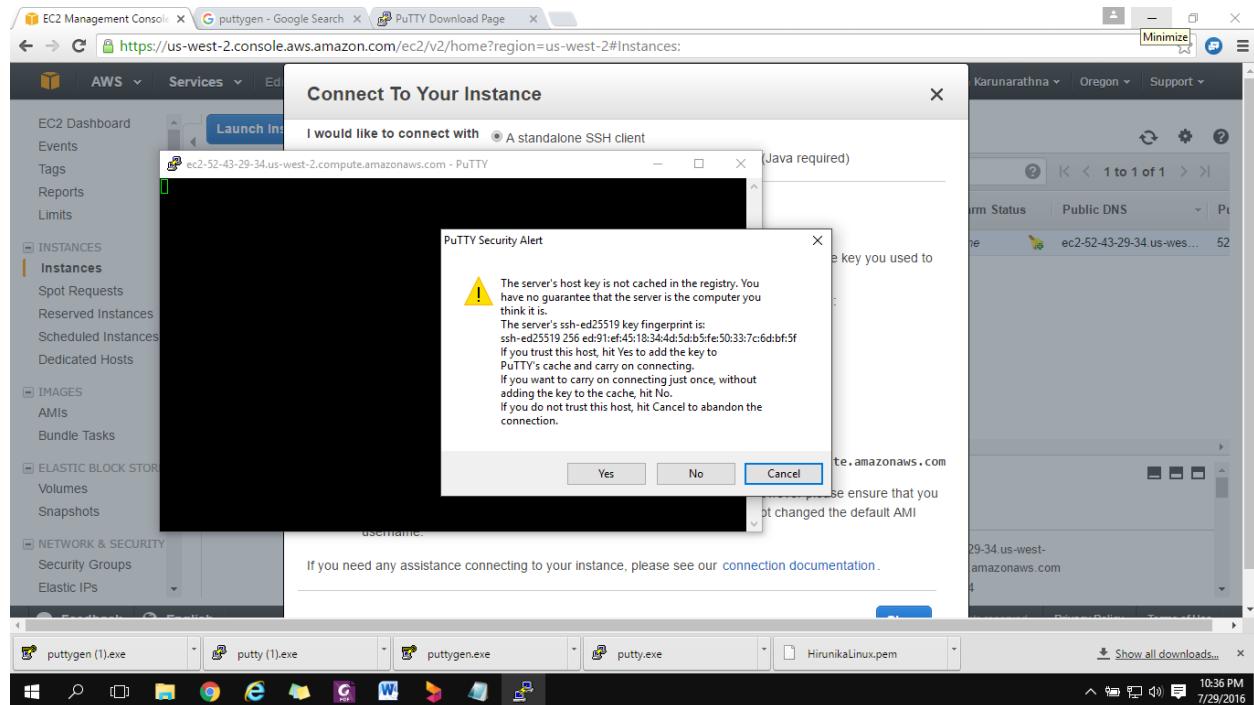
Browse .ppk Connection -> SSH->Auth in puTTY configuration



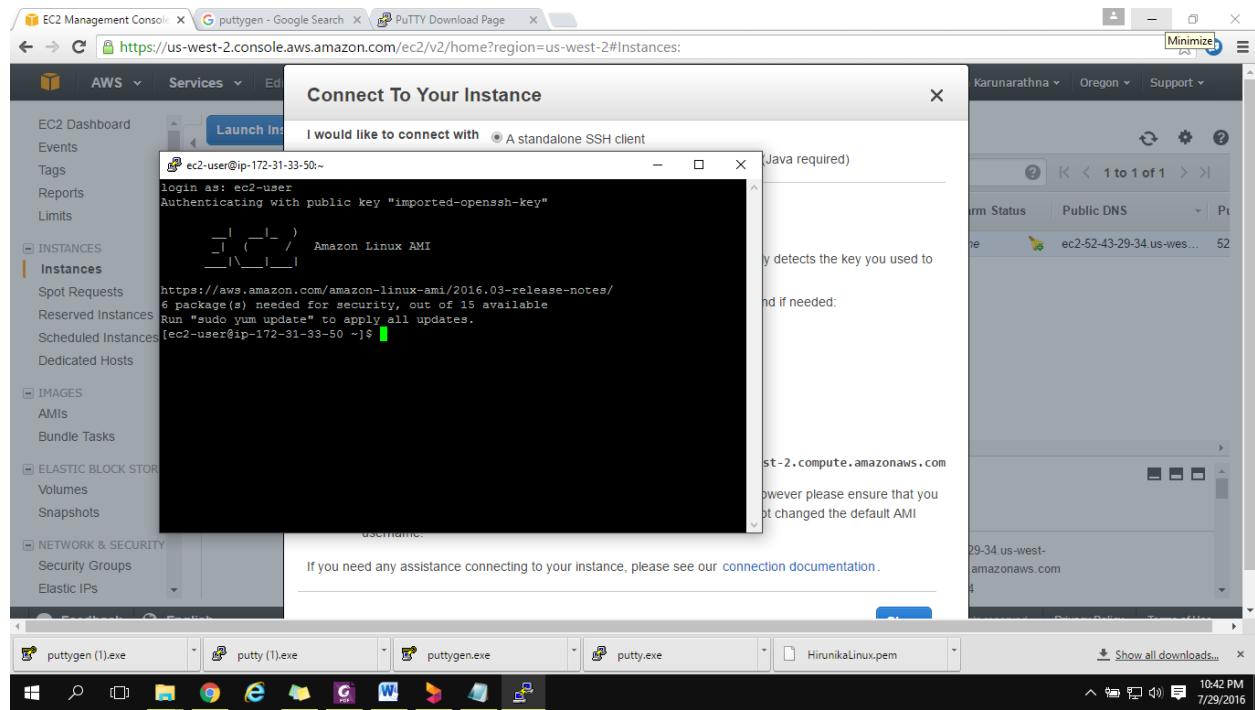
Types IP address getting from Public DNS. Select SSH radio button. Click open



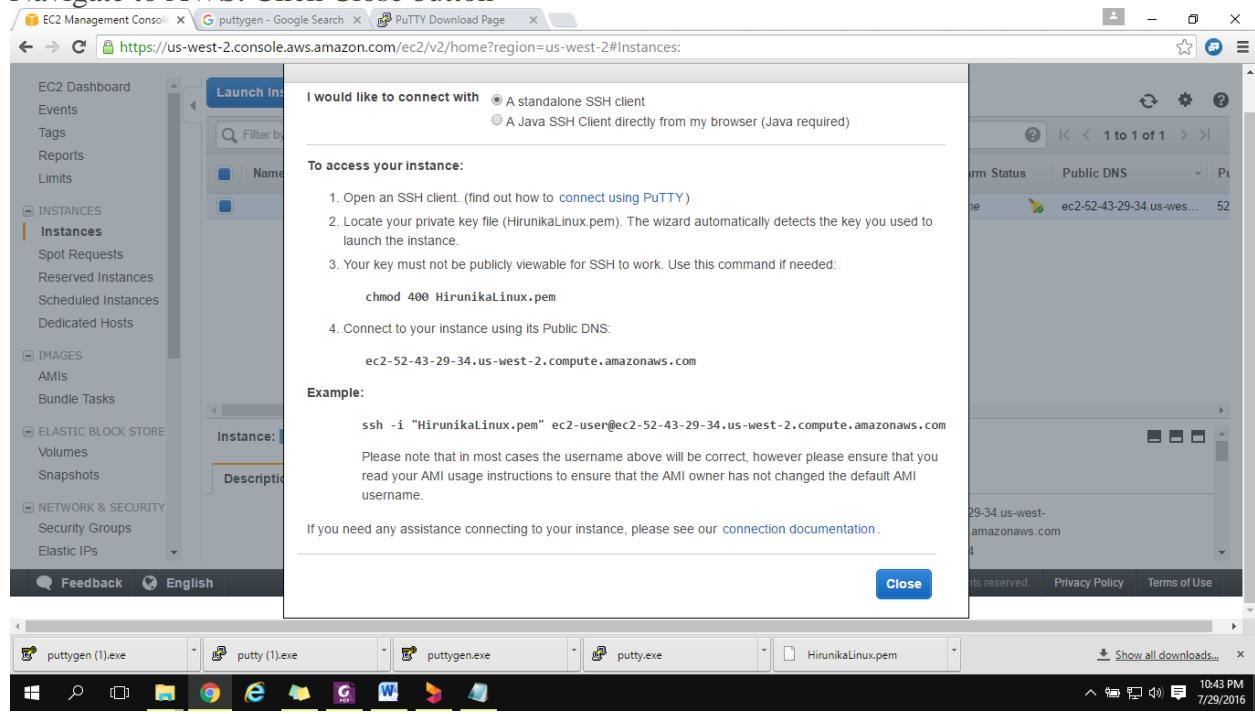
Click Yes



Type "ec2-user" for login as. Hit enter



Navigate to AWS. Click Close button



Click on the Instance that we created. Right click-> Instance State-> terminate

The screenshot shows the AWS EC2 Management Console. The left sidebar is collapsed. The main area displays the 'Instances' section. An instance named 'i-0cb167c7' is selected. A context menu is open over this instance, with the 'Terminate' option highlighted. The instance details panel shows the following information:

Instance: i-0cb167c72d0629d0d		Public DNS: ec2-52-43-29-34.us-west-2.compute.amazonaws.com	
		Description	Status Checks
Instance ID	i-0cb167c72d0629d0d	Public DNS	ec2-52-43-29-34.us-west-2.compute.amazonaws.com
Instance state	running	Public IP	52.43.29.34

At the bottom of the screen, there is a taskbar with several icons and a system tray showing the date and time.

Click yes Terminate for popup window

The screenshot shows the AWS EC2 Management Console. The left sidebar is collapsed. The main area displays the 'Instances' section. The same instance 'i-0cb167c72d0629d0d' is selected, but its status is now 'terminated'. The instance details panel shows the following information:

Instance: i-0cb167c72d0629d0d		Public DNS: -	
		Description	Status Checks
Instance ID	i-0cb167c72d0629d0d	Public DNS	-
Instance state	terminated	Public IP	
Instance type	t2.micro	Elastic IPs	

At the bottom of the screen, there is a taskbar with several icons and a system tray showing the date and time.