



SRI LANKA INSTITUTE OF INFORMATION TECHNOLOGY

Enterprise Standards and Best Practices for IT Infrastructure

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Date of Evaluation : _____

Evaluators Signature : _____

Creating windows instance using Amazon EC2

Create instance

- Start using Amazon EC2 and launch a virtual server. Known as an Amazon EC2 instance

The screenshot shows the AWS EC2 Management Console dashboard. On the left, there's a sidebar with links for EC2 Dashboard, Instances, Images, and Network & Security. The main area displays 'Resources' for the US West (Oregon) region, showing 0 Running Instances, 0 Dedicated Hosts, 0 Volumes, 0 Key Pairs, 0 Elastic IPs, 0 Snapshots, 0 Load Balancers, and 1 Security Groups. 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: vpc-3fd6af5b, Resource ID length management), Additional Information (Getting Started Guide, Documentation, All EC2 Resources, Forums, Pricing, Contact Us), and AWS Marketplace (with a note about free software trial products). At the bottom, there's a navigation bar with Feedback, English, and various icons.

Step 1 choose an Amazon machine image of Windows.

The screenshot shows the 'Step 1: Choose an Amazon Machine Image (AMI)' page of the EC2 Launch Instance Wizard. It lists three options: 1. Ubuntu Server 14.04 LTS (HVM), EBS General Purpose (SSD) Volume Type. Support available from Canonical. 2. Microsoft Windows Server 2012 R2 Base - ami-8d0acfed (selected). 3. Microsoft Windows Server 2012 R2 with SQL Server Express - ami-4817d228. Each option shows its root device type (ebs) and virtualization type (hvm). There's also a note about launching a database instance using Amazon RDS. At the bottom, there are 'Select' buttons for the chosen AMI and a 'Cancel and Exit' button. The interface includes a navigation bar at the top and a footer with standard AWS links.

Step 2 Choose an instance type

Here Instance family is General purpose and type is t2 micro and select it.

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The page title is "Step 2: Choose an Instance Type". The navigation bar includes tabs for "1. Choose AMI", "2. Choose Instance Type" (which is active), "3. Configure Instance", "4. Add Storage", "5. Tag Instance", "6. Configure Security Group", and "7. Review". Below the tabs is a filter section with dropdowns for "Filter by: All instance types" and "Current generation". A note says "Currently selected: t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)". The main content is a table listing instance types:

	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

At the bottom are buttons for "Cancel", "Previous", "Review and Launch" (which is blue and bold), and "Next: Configure Instance Details". The status bar at the bottom right shows "10:42 AM 7/7/2016".

Step 3 Configuring instance details

In this step do not any changes to the AMI. But can launch multiple instances from the same AMI.

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The page title is "Step 3: Configure Instance Details". The navigation bar includes tabs for "1. Choose AMI", "2. Choose Instance Type", "3. Configure Instance" (which is active), "4. Add Storage", "5. Tag Instance", "6. Configure Security Group", and "7. Review". Below the tabs is a note: "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." The main content is a form with fields:

Number of instances	<input type="text" value="1"/> Launch into Auto Scaling Group
Purchasing option	<input type="checkbox"/> Request Spot instances
Network	<input type="text" value="vpc-3fd6af5b (172.31.0.0/16) (default)"/> <input type="button" value="Create new VPC"/>
Subnet	<input type="text" value="No preference (default subnet in any Availability Zone)"/> <input type="button" value="Create new subnet"/>
Auto-assign Public IP	<input type="text" value="Use subnet setting (Enable)"/>
Domain join directory	<input type="text" value="None"/> <input type="button" value="Create new directory"/>
IAM role	<input type="text" value="None"/> <input type="button" value="Create new IAM role"/>
Shutdown behavior	<input type="text" value="Stop"/>

At the bottom are buttons for "Cancel", "Previous", "Review and Launch" (which is blue and bold), and "Next: Add Storage". The status bar at the bottom right shows "10:43 AM 7/7/2016".

Step 4 Add Storage

In this step allocate 30 GB. But can attach additional EBS volumes instance store to our instance.

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The page is titled "Step 4: Add Storage". It displays a table for configuring storage volumes:

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/sda1	snap-1baab85d	30	General Purpose SSD (GP2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

A note below the table states: "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."

At the bottom right, there are buttons for "Cancel", "Previous", "Review and Launch", and "Next: Tag Instance".

Step 7 Review Instance launch

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard>. The page is titled "Step 7: Review Instance Launch". It contains a warning message:

⚠ 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. [Edit security groups](#)

Below the warning, there are sections for "AMI Details" and "Instance Type".

AMI Details:

Microsoft Windows Server 2012 R2 Base - ami-8d0acfed		
Free tier eligible	Microsoft Windows 2012 R2 Standard edition with 64-bit architecture. [English]	
Root Device Type:	ebs	
Virtualization type:		hvm
If you plan to use this AMI for an application that benefits from Microsoft License Mobility, fill out the License Mobility Form . Don't show me this again		

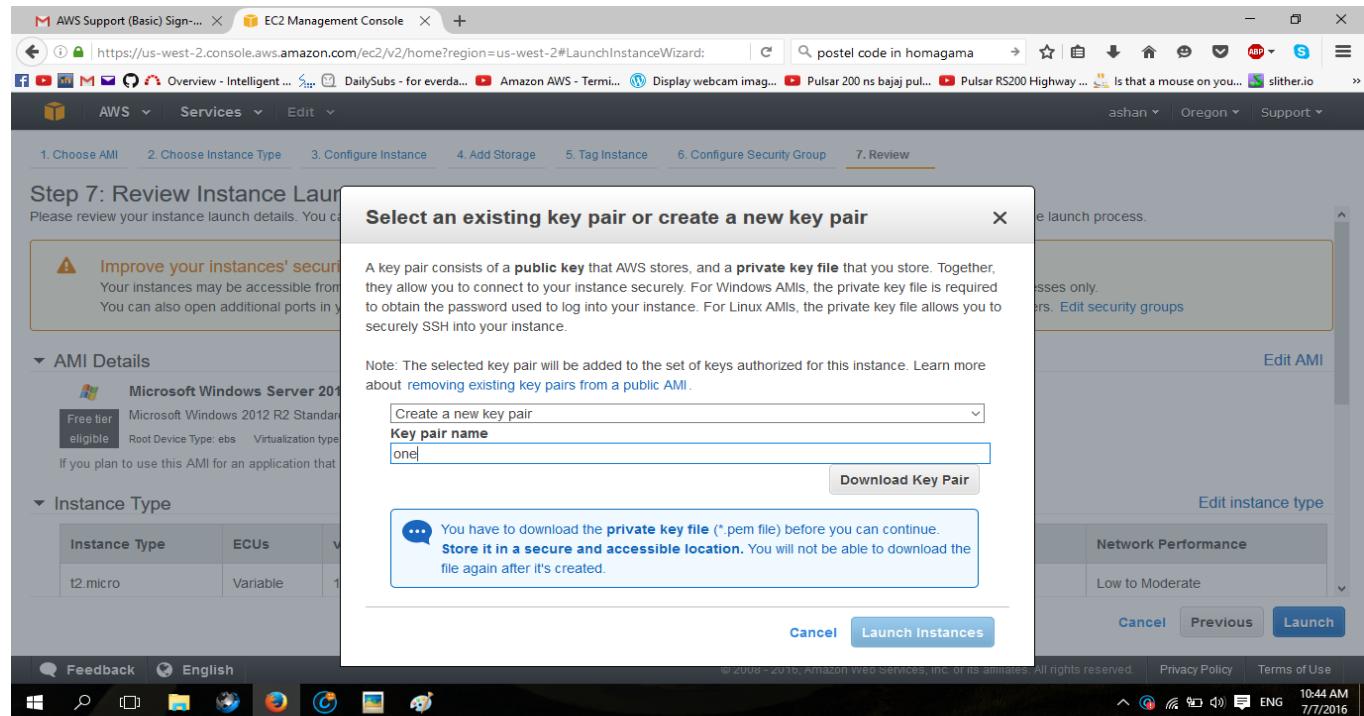
Instance Type:

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

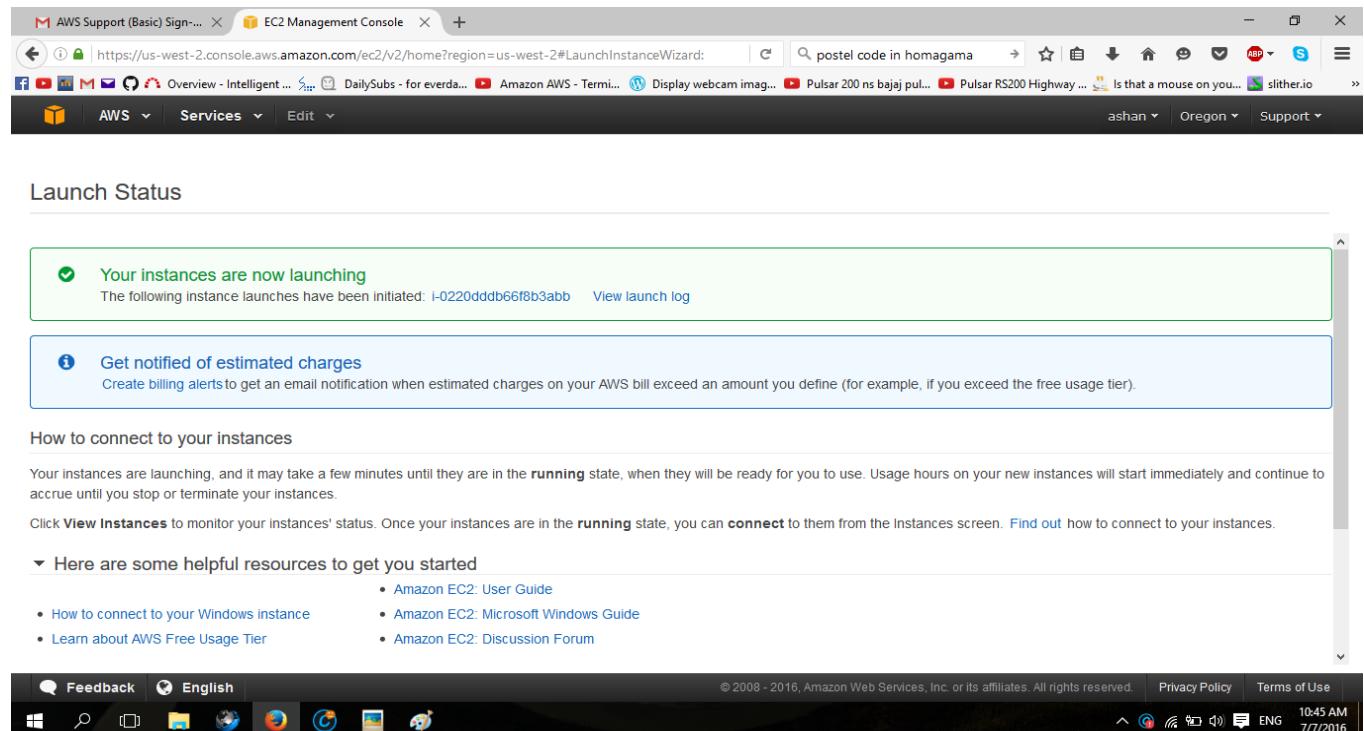
At the bottom right, there are buttons for "Cancel", "Previous", "Launch", and "Next: Tag Instance".

Step 8 Generate Key Pair

System prompts a dialog box to generate a key. So first need to select “Create a new key pair” option and have to give key pair name. Then click click “Download Key Pair” button.

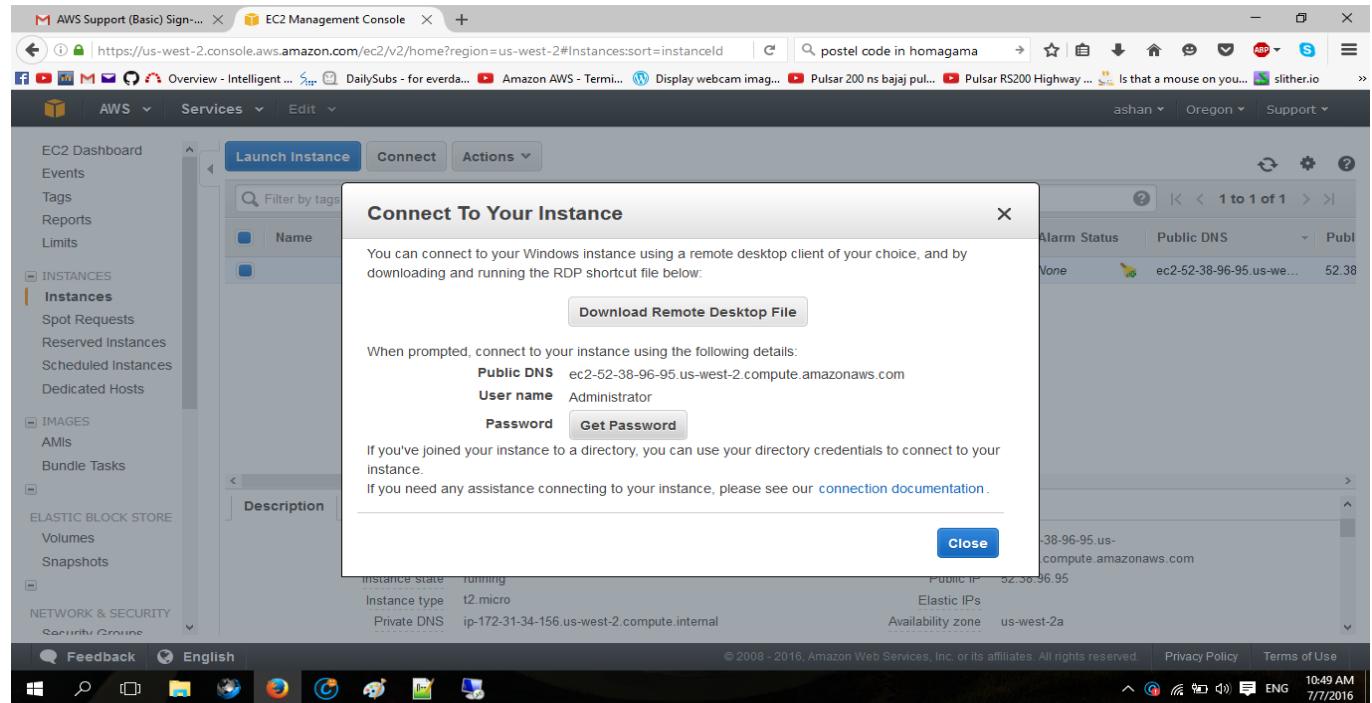


Step 8 Launch instance status

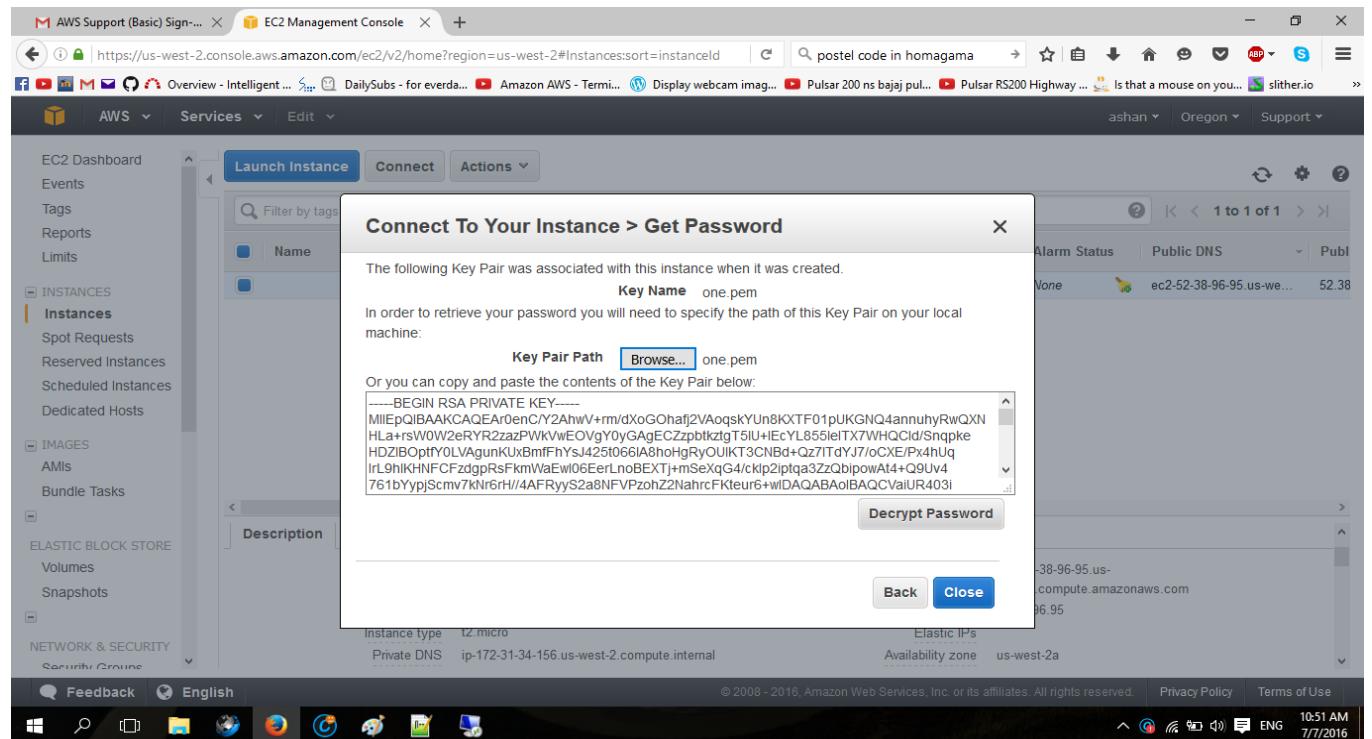


Step 8 Connect with instance.

After creating the windows instance, can connect with it by Remote Desktop Client Connection. Therefore need to click connect button.



Step 8 Browse the key pair path to get the password



Step 9 Get the password and Public DNS

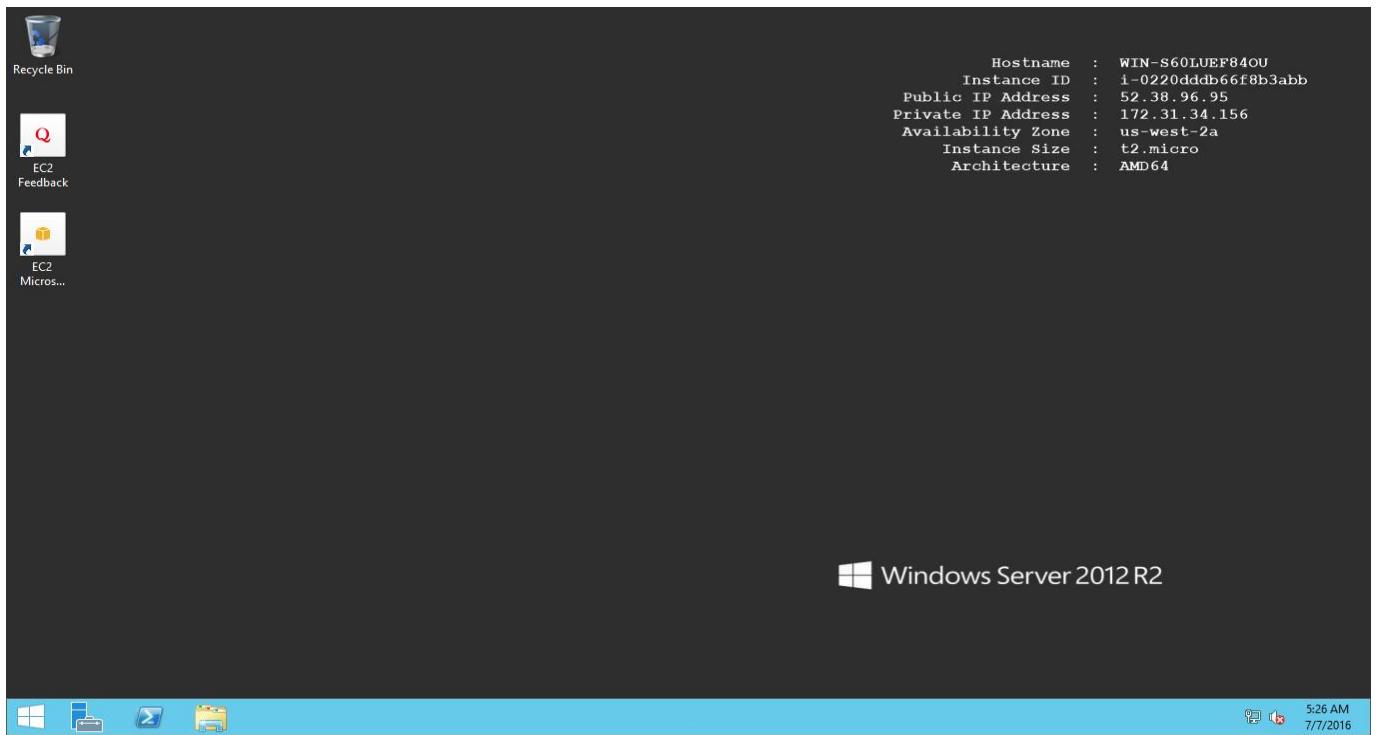
The screenshot shows the AWS EC2 Management Console. A modal window titled "Connect To Your Instance" is open, providing instructions on how to connect using a remote desktop client. It includes fields for "Public DNS" (ec2-52-38-96-95.us-west-2.compute.amazonaws.com), "User name" (Administrator), and "Password" (AeRjWF%7s). Below these, there's a note about using directory credentials if joined to a domain, and a link to "connection documentation". At the bottom right of the modal is a "Close" button. The background shows the main EC2 dashboard with a list of instances, their states, and various configuration options like "Launch Instance", "Connect", and "Actions". The status bar at the bottom right indicates the date and time (7/7/2016, 10:51 AM) and location (Oregon, Support).

Step 10 connect with the client.

Open Remote Desktop Connection and give the public IP for the Computer option. And then give the username and the password.

The screenshot shows a Windows desktop environment. In the foreground, a "Windows Security" dialog box is open, prompting for "User name", "Password", and "Domain" to connect to the IP address 52.38.96.95. Behind the dialog, a file explorer window is visible, showing a list of files and folders on the local disk (C:). The desktop background features a scenic landscape. The taskbar at the bottom contains icons for various applications like File Explorer, Edge, and File History. The system tray in the bottom right corner shows the date (7/7/2016), time (10:48 AM), and battery level (RAM: 36%, CPU: 1%).

Step 11 Run the Windows server



Step 12 Terminate the connection.

The screenshot shows the AWS Management Console EC2 Management Console interface. On the left, the navigation pane is visible with sections like EC2 Dashboard, Events, Tags, Reports, Limits, Instances, Images, and Network & Security. The Instances section is currently selected, showing a list of running instances. One instance, with the Instance ID i-0220dddb66f8b3abb, is highlighted. A context menu is open over this instance, with the 'Terminate' option highlighted. Below the instance list, detailed information about the selected instance is displayed, including its Instance ID, Instance state (running), Instance type (t2.micro), Private DNS (ip-172-31-34-156.us-west-2.compute.internal), Public DNS (ec2-52-38-96-95.us-west-2.compute.amazonaws.com), Public IP (52.38.96.95), and Availability zone (us-west-2a). The bottom of the screen shows the standard Windows taskbar with various application icons and the date/time (10:56 AM, 7/7/2016).

Creating Linux instance using Amazon EC2

Create instance

- Start using Amazon EC2 and launch a virtual server. Known as an Amazon EC2 instance

AWS Support (Basic) Sign-in EC2 Management Console

Overview - Intelligent ... DailySubs - for everda... Amazon AWS - Termi... Display webcam imag... Pulsar 200 ns bajaj pul... Pulsar RS200 Highway ... Is that a mouse on you... slither.io

ashan Oregon Support

EC2 Dashboard

- Events
- Tags
- Reports
- Limits
- INSTANCES**
 - Instances
 - Spot Requests
 - Reserved Instances
 - Scheduled Instances
 - Dedicated Hosts
- IMAGES**
 - AMIs
 - Bundle Tasks
- ELASTIC BLOCK STORE**
 - Volumes
 - Snapshots
- NETWORK & SECURITY**
 - Security Groups
 - Elastic IPs

Resources

You are using the following Amazon EC2 resources in the US West (Oregon) region:

0 Running Instances	0 Elastic IPs
0 Dedicated Hosts	0 Snapshots
0 Volumes	0 Load Balancers
0 Key Pairs	1 Security Groups
0 Placement Groups	

Build and run distributed, fault-tolerant applications in the cloud with [Amazon Simple Workflow Service](#).

Create Instance

To start using Amazon EC2 you will want to launch a virtual server, known as an Amazon EC2 instance.

Launch Instance

Note: Your Instances will launch in the US West (Oregon) region

Service Health

Service Status:

- US West (Oregon): ✓ US West (Oregon)

Scheduled Events

US West (Oregon):

No events

Account Attributes

Supported Platforms
VPC
Default VPC
vpc-3fd6af5b
Resource ID length management

Additional Information

Getting Started Guide
Documentation
All EC2 Resources
Forums
Pricing
Contact Us

AWS Marketplace

Find free software trial products in the AWS Marketplace from the [EC2 Launch Wizard](#).
Or try these popular AMIs:

Step 1 Choose an Amazon machine image of Windows.

Step 1: Choose an Amazon Machine Image (AMI)

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. You can select an AMI provided by AWS, our user community, or the AWS Marketplace; or you can select one of your own AMIs.

Quick Start
My AMIs
AWS Marketplace
Community AMIs
<input type="checkbox"/> Free tier only <small>(i)</small>

Amazon Linux AMI 2016.03.3 (HVM), SSD Volume Type - ami-7172b611

Select

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

Red Hat Enterprise Linux 7.2 (HVM), SSD Volume Type - ami-775e4f16

Select

Red Hat Enterprise Linux version 7.2 (HVM), EBS General Purpose (SSD) Volume Type

Root device type: ebs Virtualization type: hvm

SUSE Linux Enterprise Server 12 SP1 (HVM), SSD Volume Type - ami-d2627db3

Select

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.

Feedback English © 2008 - 2016, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use 1:48 PM 7/7/2016

Step 2 Choose an instance type

Here Instance family is General purpose and type is t2 micro and select it.

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:>. The page title is "Step 2: Choose an Instance Type". The sub-navigation bar includes tabs for 1. Choose AMI, 2. Choose Instance Type (which is active), 3. Configure Instance, 4. Add Storage, 5. Tag Instance, 6. Configure Security Group, and 7. Review. A filter bar at the top allows filtering by "All instance types" or "Current generation" and provides "Show/Hide Columns" options. The main content area displays a table of instance types. The table has columns for Family, Type, vCPUs, Memory (GiB), Instance Storage (GB), EBS-Optimized Available, and Network Performance. The "Currently selected" row is highlighted in blue and shows "t2.micro (Variable ECUs, 1 vCPUs, 2.5 GHz, Intel Xeon Family, 1 GiB memory, EBS only)". Other rows in the table include t2.nano, t2.small, t2.medium, and t2.large, all under the "General purpose" family. The "t2.micro" row has a green "Free tier eligible" badge. At the bottom of the table are buttons for "Cancel", "Previous", "Review and Launch" (which is highlighted in blue), and "Next: Configure Instance Details". The browser status bar at the bottom right shows the date and time as "207 PM 7/7/2016".

Step 3 Configure instance details

The screenshot shows the AWS EC2 Management Console with the URL <https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#LaunchInstanceWizard:>. The page title is "Step 3: Configure Instance Details". The sub-navigation bar includes tabs for 1. Choose AMI, 2. Choose Instance Type, 3. Configure Instance (which is active), 4. Add Storage, 5. Tag Instance, 6. Configure Security Group, and 7. Review. The main content area contains configuration fields for launching multiple instances. Fields include "Number of instances" (set to 1), "Purchasing option" (checkbox for Request Spot instances), "Network" (dropdown set to "vpc-3fd6af5b (172.31.0.0/16) (default)"), "Subnet" (dropdown set to "No preference (default subnet in any Availability Zone)"), "Auto-assign Public IP" (dropdown set to "Use subnet setting (Enable)"), "IAM role" (dropdown set to "None"), "Shutdown behavior" (dropdown set to "Stop"), and "Enable termination protection" (checkbox). Below these fields is a note: "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." At the bottom of the configuration area are buttons for "Cancel", "Previous", "Review and Launch" (highlighted in blue), and "Next: Add Storage". The browser status bar at the bottom right shows the date and time as "208 PM 7/7/2016".

Step 4 Add Storage

Can change the storage size according to your preference.

The screenshot shows the 'Add Storage' step of the EC2 instance launch wizard. A table lists a single volume entry:

Volume Type	Device	Snapshot	Size (GiB)	Volume Type	IOPS	Throughput (MB/s)	Delete on Termination	Encrypted
Root	/dev/xvda	snap-d465048a	8	General Purpose SSD (GP2)	100 / 3000	N/A	<input checked="" type="checkbox"/>	Not Encrypted

A note below the table states: "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."

Step 5 Review and Launch the instance.

The screenshot shows the 'Review and Launch' step of the EC2 instance launch wizard. It includes a summary of the instance configuration and a prominent 'Launch' button.

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
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

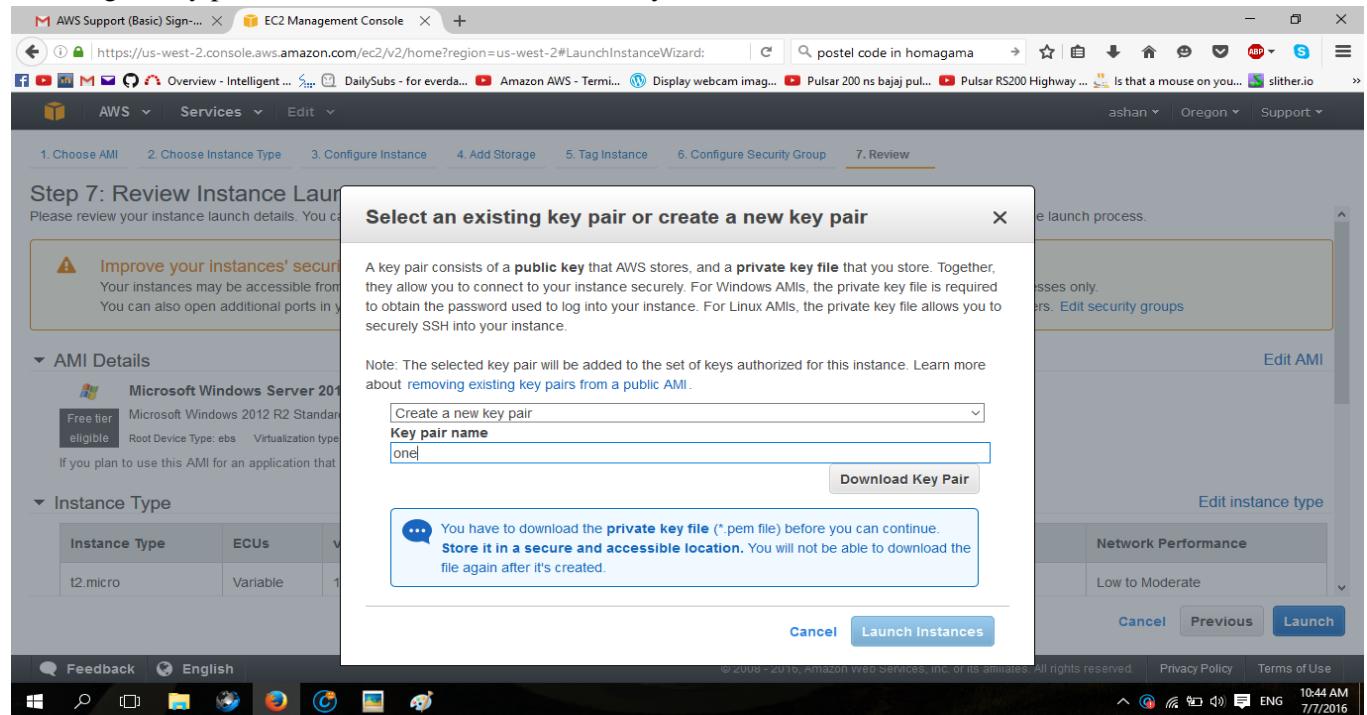
Instance Type

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

Launch

Step 6 Generate Key Pair.

System prompts a dialog box to generate a key. So first need to select “Create a new key pair” option and have to give key pair name. Then click “Download Key Pair” button



Step 7 Launch the Instance.

Your instances are now launching
The following instance launches have been initiated: i-0628f4ab4256bca7b [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

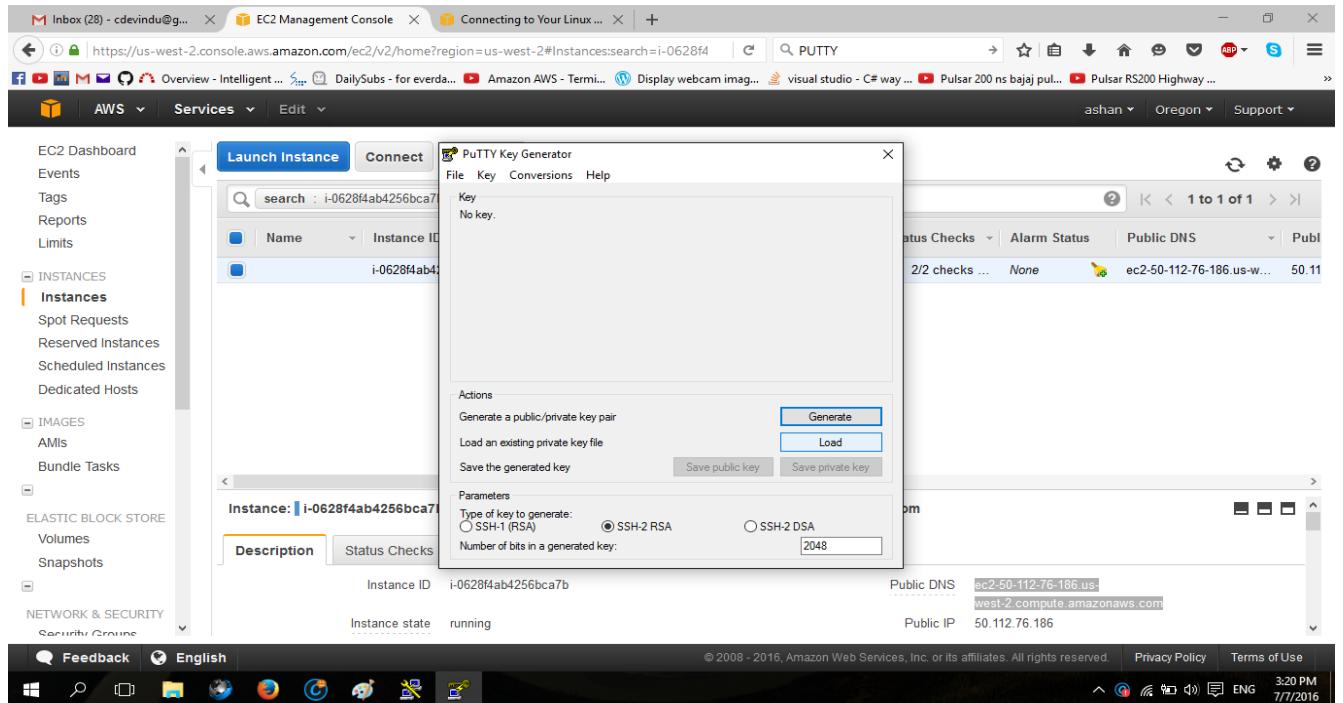
Your instances are launching, and it may take a few minutes until they are in the **running** state, when they will be ready for you to use. Usage hours on your new instances will start immediately and continue to accrue until you stop or terminate your instances.

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

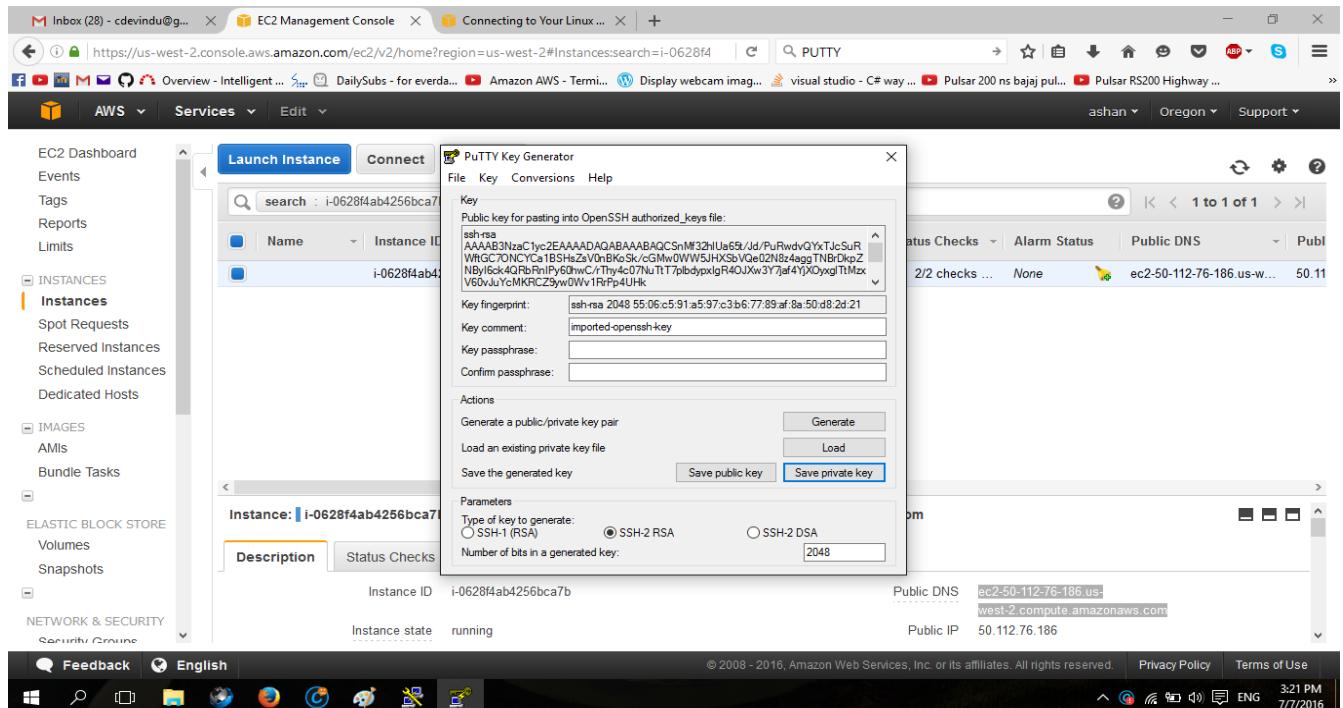
- [How to connect to your Linux instance](#)
- [Learn about AWS Free Usage Tier](#)
- [Amazon EC2: User Guide](#)
- [Amazon EC2: Discussion Forum](#)

Step 8 Open PuTTY Key Generator



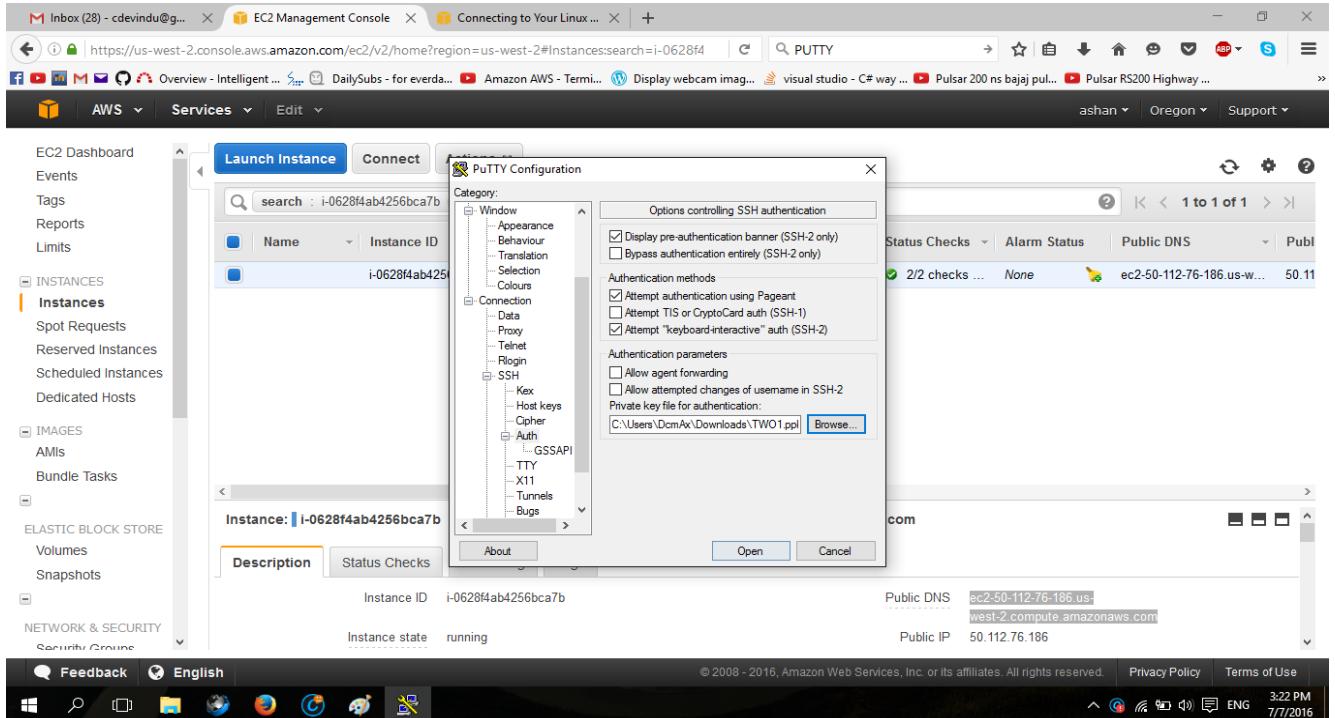
Step 9 Covert Formats

Browse the downloaded key pair to the Putty Key Generator and Click Save private key button. Now it is going to save the key with .ppk format. In here the key pair is in .pem format. So have to convert into .ppk format.

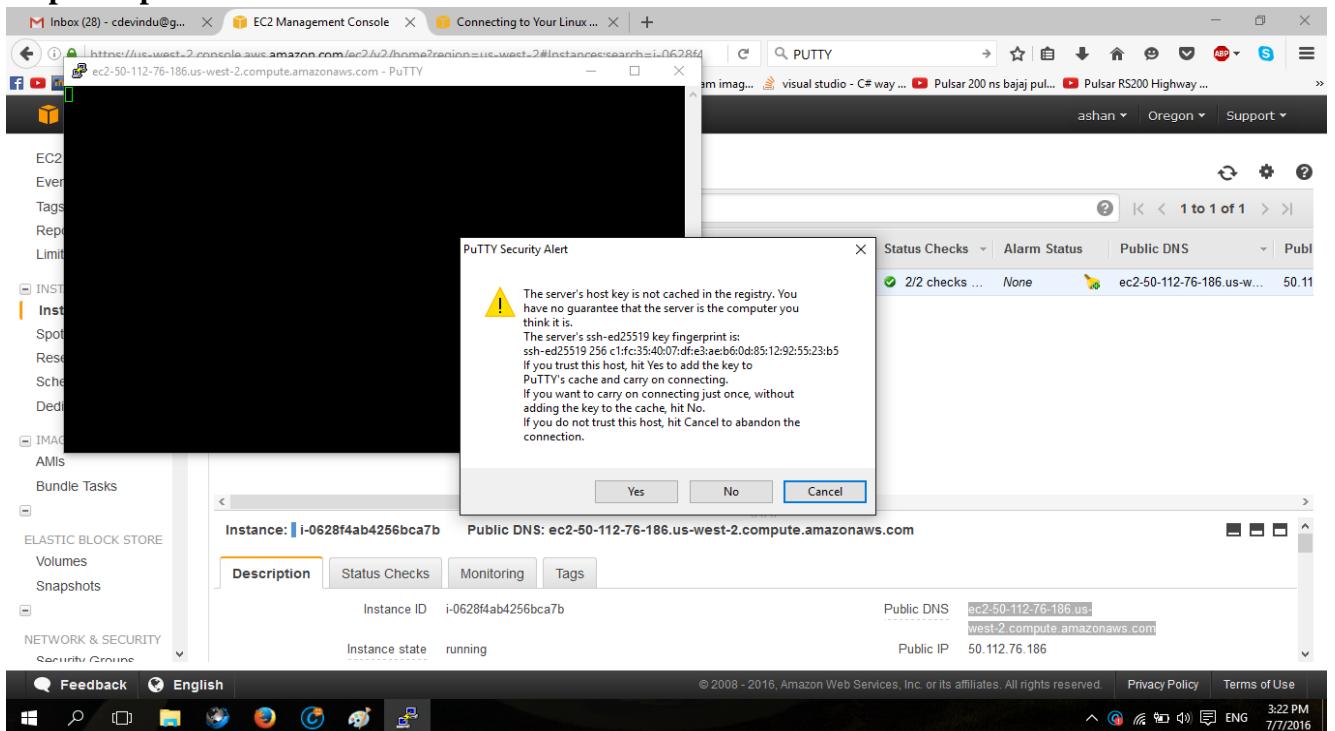


Step 10 Open PuTTY Configuration.

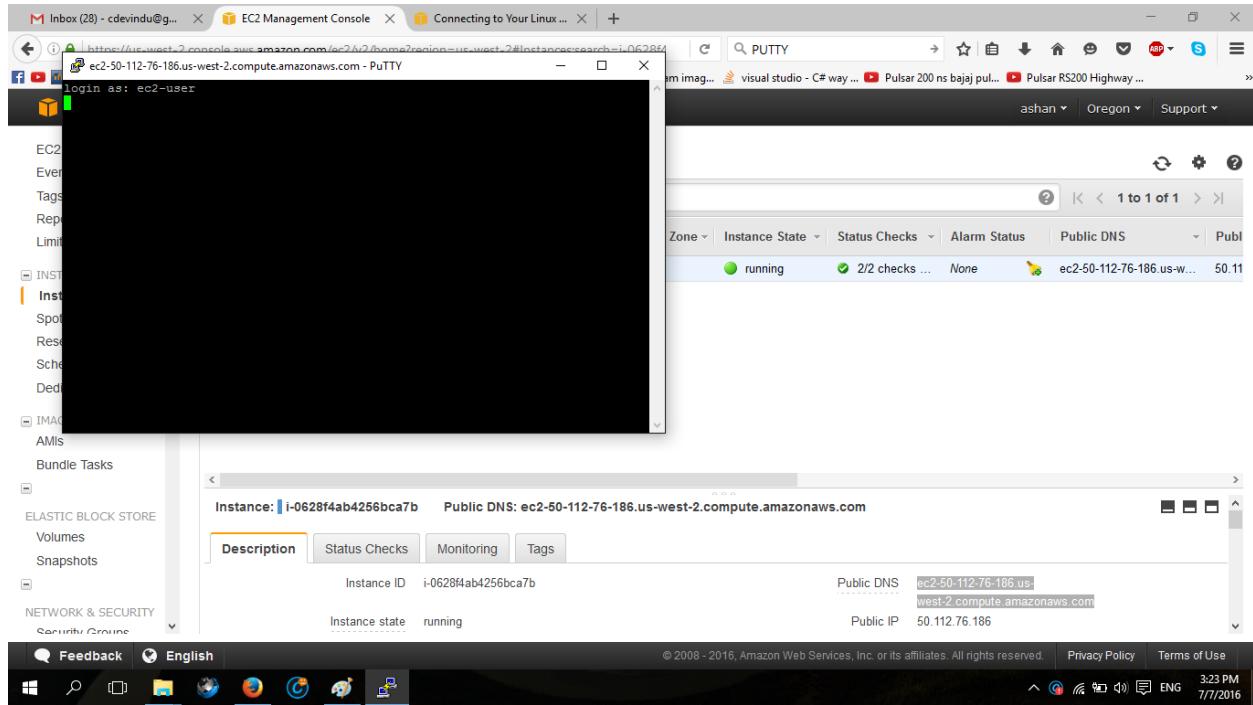
Here have to go to Connection and select the Auth sub option. Then browse and select the key file in .ppk format. Also here give the public DNS.



Step 10 Open the Linux server.



Step 10 Can work with Linux server by giving username as ec2-user.



Creating Database instance using Amazon RDS

Step 1 Go to database section in home page and select RDS.

There are different types of databases from that you can select any type. For an example here we use MySQL database.

The screenshot shows the 'Select Engine' step of the RDS creation wizard. The 'Amazon Aurora' engine is selected, and its details are displayed:

Aurora
Amazon Aurora is a high-performance, MySQL-compatible, enterprise-class database at a tenth the cost of commercial databases.

- Up to 5 times the throughput of MySQL.
- Up to 15 promotable Read Replicas with less than 10 ms lag.
- Up to 64 TB of Auto Scaling storage replicated over multiple Availability Zones.

Step 2 Select the purpose of the database instance. Here we use MySql RDS Free Usage Tier.

The screenshot shows the 'Do you plan to use this database for production purposes?' step of the RDS creation wizard. The 'Dev/Test' option for MySQL is selected:

Production

Amazon Aurora
Recommended
MySQL-compatible, enterprise-class database at 1/10th the cost of commercial databases.

MySQL
Use Multi-AZ Deployment and Provisioned IOPS Storage as defaults for high availability and fast, consistent performance.

Dev/Test

MySQL
This instance is intended for use outside of production or under the RDS Free Usage Tier.

Step 3 Specify DB details

Select any DB Instance Class. And filled the settings information by giving a proper Master information.

The screenshot shows the 'Specify DB Details' step of the RDS creation wizard. On the left, a sidebar lists steps: Step 1: Select Engine, Step 2: Production?, Step 3: Specify DB Details (highlighted in blue), and Step 4: Configure Advanced Settings. The main area is titled 'Specify DB Details' and includes a 'Free Tier' section with a note about the Amazon RDS Free Tier. A checkbox 'Only show options that are eligible for RDS Free Tier' is checked. Below this is the 'Instance Specifications' section, which contains fields for DB Engine (mysql), License Model (general-public-license), DB Engine Version (5.6.27), DB Instance Class (db.t2.micro — 1 vCPU, 1 GiB RAM), Multi-AZ Deployment (No), and Storage Type (General Purpose (SSD)). A callout box points to the 'Known Issues/Limitations' link. The bottom of the page shows standard browser controls and a status bar indicating 9:11 AM on 7/13/2016.

This screenshot shows the continuation of the 'Specify DB Details' step. It features a callout box pointing to a note about compatibility issues with specific database versions. Below are fields for DB Instance Class (db.t2.micro — 1 vCPU, 1 GiB RAM), Multi-AZ Deployment (No), Storage Type (General Purpose (SSD)), and Allocated Storage (5 GB). A warning message states: 'Provisioning less than 100 GB of General Purpose (SSD) storage for high throughput workloads could result in higher latencies upon exhaustion of the initial General Purpose (SSD) IO credit balance. Click here for more details.' The 'Settings' section includes fields for DB Instance Identifier (devindu123), Master Username (devindu123), Master Password (redacted), and Confirm Password (redacted). A note says 'Retype the value you specified for Master Password.' At the bottom, there are 'Cancel', 'Previous', and 'Next Step' buttons. The status bar at the bottom right shows 10:12 AM on 7/20/2016.

Step 4 Configure the advanced settings

Here can give any name for database.

Subnet Group: default

Publicly Accessible: Yes

Availability Zone: No Preference

VPC Security Group(s): Create new Security Group
default (VPC)
launch-wizard-1 (VPC)
launch-wizard-2 (VPC)

Database Options

Database Name: ESPIDB

Note: If no database name is specified then no initial MySQL database will be created on the DB instance.

Database Port: 3306

DB Parameter Group: default.mysql5.6

Option Group: default:mysql-5-6

Copy Tags To Snapshots:

Enable Encryption: No

Specify a string of up to 64 alpha-numeric characters that define the name given to a database that Amazon RDS creates when it creates the DB instance, as in "mydb". If you do not specify a database name, Amazon RDS does not create a database when it creates the DB instance.

Step 5 Launch DB instance.

Step 1: Select Engine

Step 2: Production?

Step 3: Specify DB Details

Step 4: Configure Advanced Settings

Your DB Instance is being created.

Note: Your instance may take a few minutes to launch.

Connecting to your DB Instance

You will be unable to connect to your database instance unless you have previously authorized access on your chosen security group.

Go to the Security Groups Page

Related AWS Services

Amazon ElastiCache

Add a managed Memcached or Redis-compatible in-memory cache to speed up your database access.

Click here to learn more and launch your Cache Cluster

[View Your DB Instances](#)

Step 6 View the instance

The screenshot shows the AWS RDS Management Console. On the left, there's a sidebar with options like Instances, Clusters, Reserved Purchases, Snapshots, Security Groups, Parameter Groups, Option Groups, Subnet Groups, Events, Event Subscriptions, and Notifications. The main area displays two DB instances:

Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Replica
MySQL	devindu	deleting	1.00%	0 Connections	None	db.t2.micro	vpc-3fd6af5b	No	
MySQL	esbpill	creating			None	db.t2.micro	vpc-3fd6af5b	No	

Below the table, there's a section for "Endpoint: Not available yet". It includes tabs for "Alarms and Recent Events" and "Monitoring". The "Monitoring" tab shows metrics for CPU, Memory, Storage, Read IOPS, Write IOPS, and Swap Usage. At the bottom, there are "Instance Actions", "Tags", and "Logs" buttons.

This screenshot shows the same AWS RDS Management Console interface. Now, only one DB instance is listed:

Engine	DB Instance	Status	CPU	Current Activity	Maintenance	Class	VPC	Multi-AZ	Replica
MySQL	esbpill	backing-up			None	db.t2.micro	vpc-3fd6af5b	No	

The "Endpoint" field now displays the authorized endpoint: `esbpill.c1stmk4hj81co.us-west-2.rds.amazonaws.com:3306 (authorized)`. The "Alarms and Recent Events" and "Monitoring" sections remain, along with the "Instance Actions", "Tags", and "Logs" buttons at the bottom.

Step 7 Connect to Xwamp

