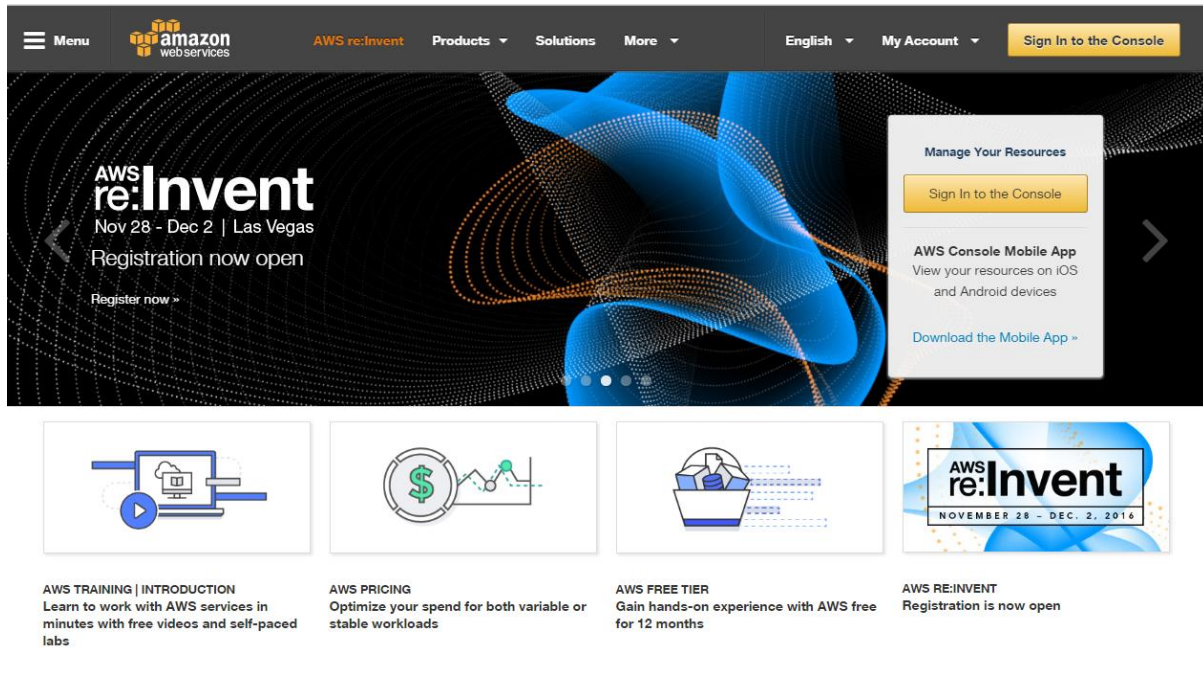


Create Ubuntu instance on AWS

- Logging in to AWS console using this link <https://aws.amazon.com/>



- When we logged we can see the console of AWS

AWS

Services

Edit

Anusha Chaturanga

Oregon

Support

Amazon Web Services

Compute

- EC2**
Virtual Servers in the Cloud
- EC2 Container Service**
Run and Manage Docker Containers
- Elastic Beanstalk**
Run and Manage Web Apps
- Lambda**
Run Code in Response to Events

Storage & Content Delivery

- S3**
Scalable Storage in the Cloud
- CloudFront**
Global Content Delivery Network
- Elastic File System**
Fully Managed File System for EC2
- Glacier**
Archive Storage in the Cloud
- Snowball**
Large Scale Data Transport
- Storage Gateway**
Hybrid Storage Integration

Database

- RDS**
Managed Relational Database Service
- DynamoDB**
Managed NoSQL Database
- ElastiCache**
In-Memory Cache
- Redshift**
Fast, Simple, Cost-Effective Data Warehousing
- DMS**
Managed Database Migration Service

Networking

- VPC**
Isolated Cloud Resources
- Direct Connect**
Dedicated Network Connection to AWS
- Route 53**
Scalable DNS and Domain Name Registration

Developer Tools

- CodeCommit**
Store Code in Private Git Repositories
- CodeDeploy**
Automate Code Deployments
- CodePipeline**
Release Software using Continuous Delivery

Management Tools

- CloudWatch**
Monitor Resources and Applications
- CloudFormation**
Create and Manage Resources with Templates
- CloudTrail**
Track User Activity and API Usage
- Config**
Track Resource Inventory and Changes
- OpsWorks**
Automate Operations with Chef
- Service Catalog**
Create and Use Standardized Products
- Trusted Advisor**
Optimize Performance and Security

Security & Identity

- Identity & Access Management**
Manage User Access and Encryption Keys
- Directory Service**
Host and Manage Active Directory
- Inspector**
Analyze Application Security
- WAF**
Filter Malicious Web Traffic
- Certificate Manager**
Provision, Manage, and Deploy SSL/TLS Certificates

Analytics

- EMR**
Managed Hadoop Framework
- Data Pipeline**
Orchestration for Data-Driven Workflows
- Elasticsearch Service**
Run and Scale Elasticsearch Clusters
- Kinesis**

Internet of Things

- AWS IoT**
Connect Devices to the Cloud

Game Development

- GameLift**
Deploy and Scale Session-based Multiplayer Games

Mobile Services

- Mobile Hub**
Build, Test, and Monitor Mobile Apps
- Cognito**
User Identity and App Data Synchronization
- Device Farm**
Test Android, iOS, and Web Apps on Real Devices in the Cloud
- Mobile Analytics**
Collect, View and Export App Analytics
- SNS**
Push Notification Service

Application Services

- API Gateway**
Build, Deploy and Manage APIs
- AppStream**
Low Latency Application Streaming
- CloudSearch**
Managed Search Service
- Elastic Transcoder**
Easy-to-Use Scalable Media Transcoding
- SES**
Email Sending and Receiving Service
- SQS**
Message Queue Service
- SWF**
Workflow Service for Coordinating Application Components

Enterprise Applications

- WorkSpaces**
Desktops in the Cloud
- WorkDocs**
Secure Enterprise Storage and Sharing Service
- WorkMail**
Secure Email and Collaboration Service

Resource Groups

A resource group is a collection of resources that share one or more tags. Create a group for each project, application, or environment in your account.

Create a Group

Tag Editor

Additional Resources

Getting Started
Read our documentation or view our training to learn more about AWS.

AWS Console Mobile App
View your resources on the go with our AWS Console mobile app, available from Amazon Appstore, Google Play, or iTunes.

AWS Marketplace
Find and buy software, launch with 1-Click and pay by the hour.

AWS re:Invent Announcements
Explore the next generation of AWS cloud capabilities. See what's new

Service Health

Unable to retrieve service health updates.

[Service Health Dashboard](#)

- You already have instance on AWS you can see all details of EC2 resources, so create new instance click on Launch Instance button

Resources

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

1 Running Instances	0 Elastic IPs
0 Dedicated Hosts	0 Snapshots
2 Volumes	0 Load Balancers
1 Key Pairs	7 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

- Select Ubuntu Server 14.04 LTS Free tier eligible

Root device type: ebs Virtualization type: hvm


Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-d732f0b7

Select



Ubuntu

Ubuntu Server 14.04 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

64-bit

- Select t2 micro Free tier eligible and click Review and Launch button

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

Cancel
Previous
Review and Launch
Next: Configure Instance Details

- Now you can see all default setting details if you have to made change you can do it this step after finished review click Launch button

Step 7: Review Instance Launch


Ubuntu Server 14.04 LTS (HVM), SSD Volume Type - ami-d732f0b7

Free tier eligible

Ubuntu Server 14.04 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-4

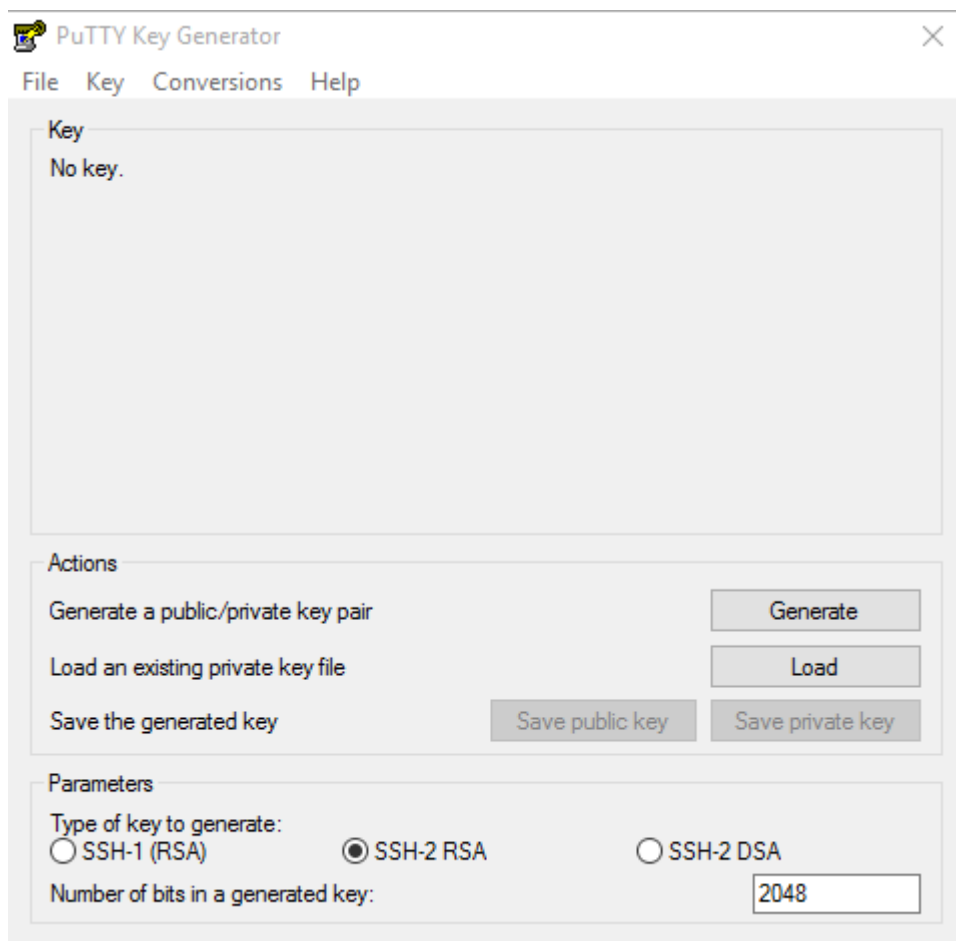
Description

launch-wizard-4 created 2016-07-27T10:53:54.251+05:30

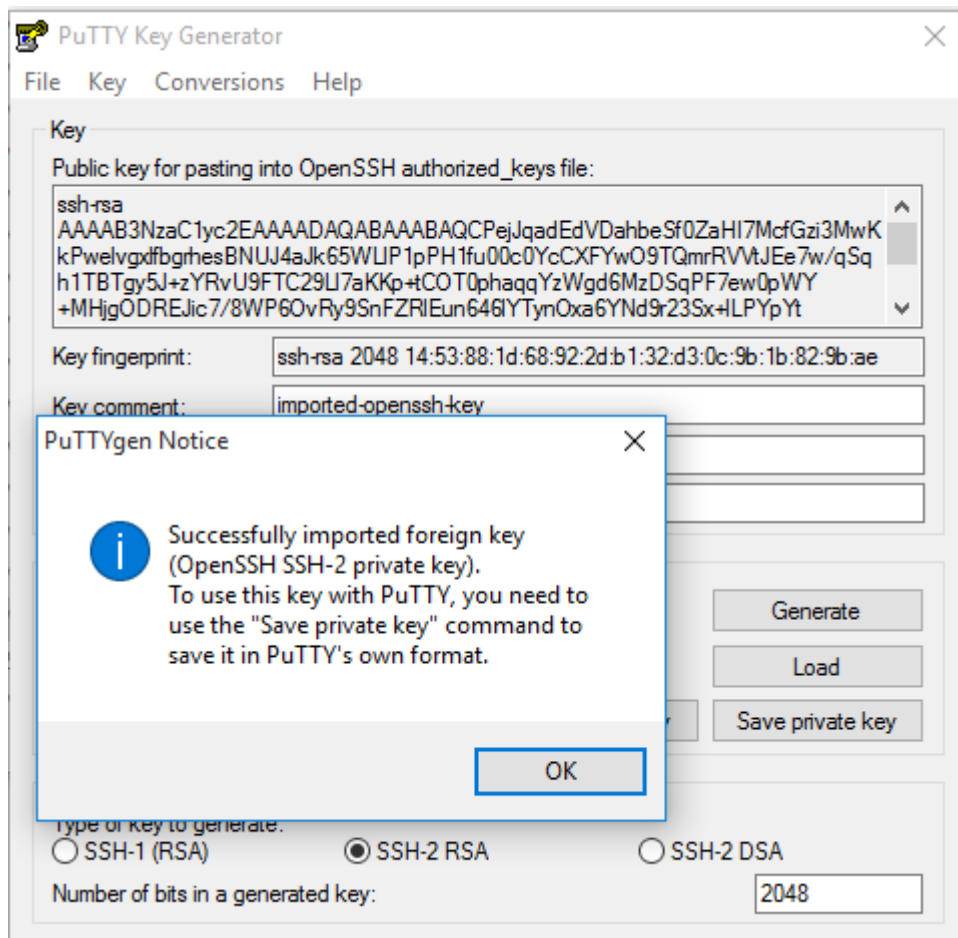
Cancel
Previous
Launch

Connect to AWS Ubuntu instance

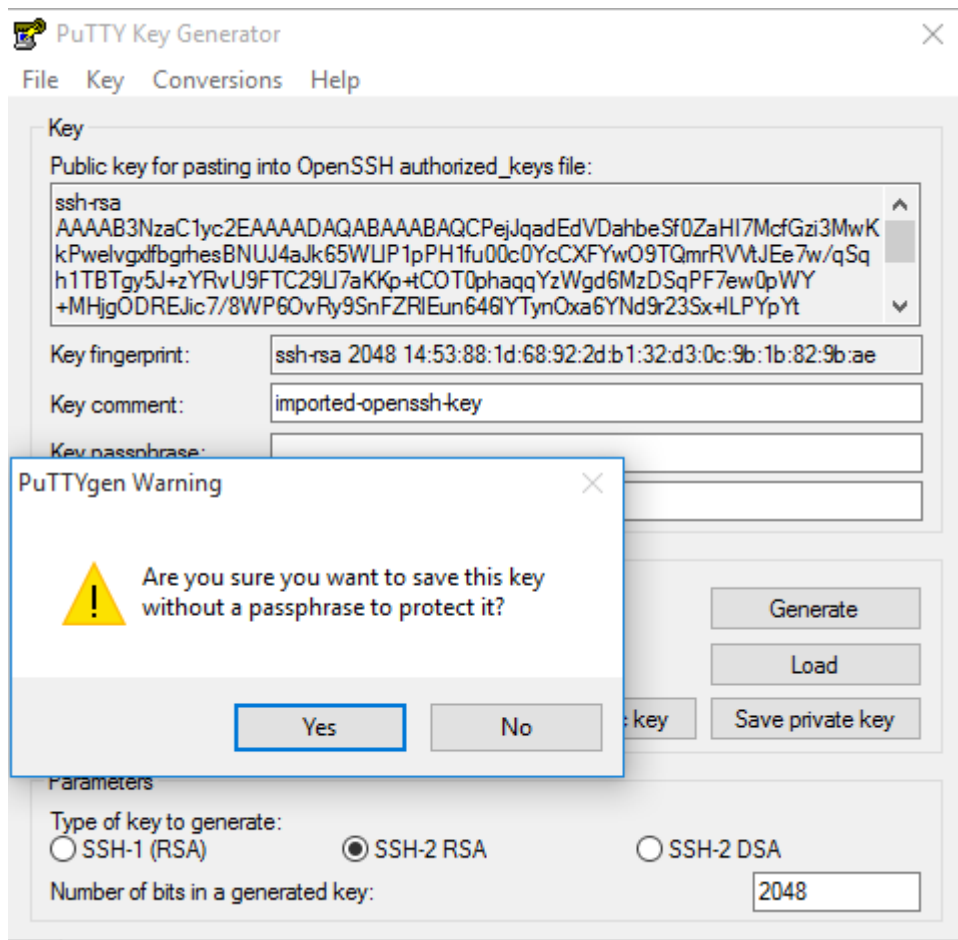
- The Ubuntu instance created now we can connect via putty. Firstly you need to get start Putty key Generator



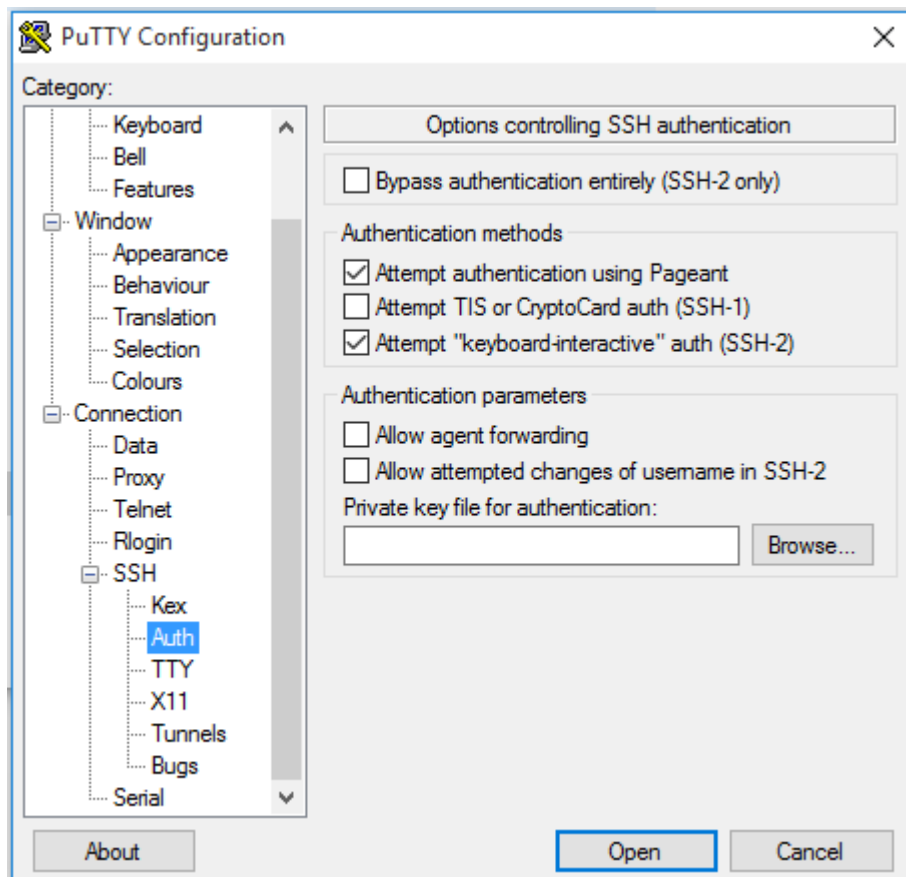
- Click load button and locate key file in your pc



- Click ok and Save private key on you pc



- Now open Putty and select Auth under SSH category also click browse button and select private key before you saved



- Finally copy Public DNS and paste into Host Name and open connection.

