

CLOUD Formation

Configure CLOUD Formation

Create Stack

CloudFormation X

Stacks
StackSets
Exports

Designer

▼ Registry
Public extensions

Management & Governance

AWS CloudFormation

Model and provision all your cloud infrastructure

AWS CloudFormation provides a common language to describe and provision all the infrastructure resources in your environment in a safe, repeatable way.

Create a CloudFormation stack

Use your own template or a sample template to quickly get started.

Create stack

Select sample template

Step 1
Specify template

Step 2
Specify stack details

Step 3
Configure stack options

Step 4
Review

Create stack

Prerequisite - Prepare template

Prepare template
Every stack is based on a template. A template is a JSON or YAML file that contains configuration information about the AWS resources you want to include in the stack.

☐ Template is ready

☒ Use a sample template

☐ Create template in Designer

Select template

CloudFormation > Stacks > Create stack

Step 1
Specify template

Step 2
Specify stack details

Step 3
Configure stack options

Step 4
Review

Simple
LAMP Stack
Create a LAMP Stack using a single EC2 instance and a local MySQL database for storage
Ruby on Rails Stack
Create a Ruby on Rails stack using a single EC2 instance with a local MySQL database for storage
WordPress blog
This template installs WordPress with a local MySQL database for storage

Multi_AZ_Simple
LAMP Stack
Create a highly available, scalable LAMP stack with an Amazon RDS database instance for the backend data store
Ruby on Rails Stack
Create a highly available, scalable Ruby on Rails stack with a multi-AZ MySQL Amazon RDS database instance for the backend data store
WordPress blog
This template installs a highly-available, scalable WordPress deployment using a multi-az Amazon RDS database instance for storage

Windows
Windows features and roles
This template enables roles and features of Windows Server
[Choose a sample template](#)

S3 URL: Will be generated when sample template is selected

View in Designer

Select template

Select a sample template View more sample templates [↗](#)

Sample templates
This collection of sample templates will help you get started with AWS CloudFormation and quickly build your own templates

LAMP Stack ▼

S3 URL: https://s3.us-east-2.amazonaws.com/cloudformation-templates-us-east-2/LAMP_Single_Instance.template

View in Designer

Cancel Next

CLOUD Formation

Enter name

Step 1
[Specify template](#)

Specify stack details

Step 2
Specify stack details

Stack name

Stack name

lampdemo

Stack name can include letters (A-Z and a-z), numbers (0-9), and dashes (-).

Step 3
[Configure stack options](#)

Step 4
[Review](#)

All configuration

DBName

MySQL database name

edureka

DBPassword

Password for MySQL database access

DBRootPassword

Root password for MySQL

DBUser

Username for MySQL database access

InstanceType

WebServer EC2 instance type

t1.micro

KeyName

Name of an existing EC2 KeyPair to enable SSH access to the instance

SSHLocation

The IP address range that can be used to SSH to the EC2 instances

0.0.0.0/0

Assign permission

Permissions

Choose an IAM role to explicitly define how CloudFormation can create, modify, or delete resources in the stack. If you don't choose a role, CloudFormation uses the default role based on your user credentials. [Learn more](#)

IAM role - optional

Choose the IAM role for CloudFormation to use for all operations performed on the stack.

iamRoleName

Select option

Stack failure options

Behavior on provisioning failure

Specify the roll back behavior for a stack failure. [Learn more](#)

☒ Roll back all stack resources

Roll back the stack to the last known stable state.

☐ Preserve successfully provisioned resources

Preserves the state of successfully provisioned resources, while rolling back failed resources to the last known stable state. Resources without a last known stable state will be deleted upon the next stack operation.

CLOUD Formation

As per requirements change configuration

Advanced options

You can set additional options for your stack, like notification options and a stack policy. [Learn more](#)

► Stack policy

Defines the resources that you want to protect from unintentional updates during a stack update.

► Rollback configuration

Specify alarms for CloudFormation to monitor when creating and updating the stack. If the operation breaches an alarm threshold, CloudFormation rolls it back. [Learn more](#)

► Notification options

► Stack creation options

Cancel

Previous

Next

Create successfully (include Apache, SQL, PHP, LINUX)

CloudFormation ▾

Stacks

Create Stack ▾

Actions ▾

Design template

C

⚙

Filter: Active ▾

By Stack Name

Showing 4 stacks

	Stack Name	Created Time	Status	Description
✓	lampdemo	2017-03-28 19:25:47 UTC+0550	CREATE_COMPLETE	AWS CloudFormation Sample Template LAMP_Single_Instance: Create a LAMP stack using a s

CHECK EC2 instance create

Launch Instance

Connect

Actions

Filter by tags and attributes or search by keyword

1 to 5 of 5

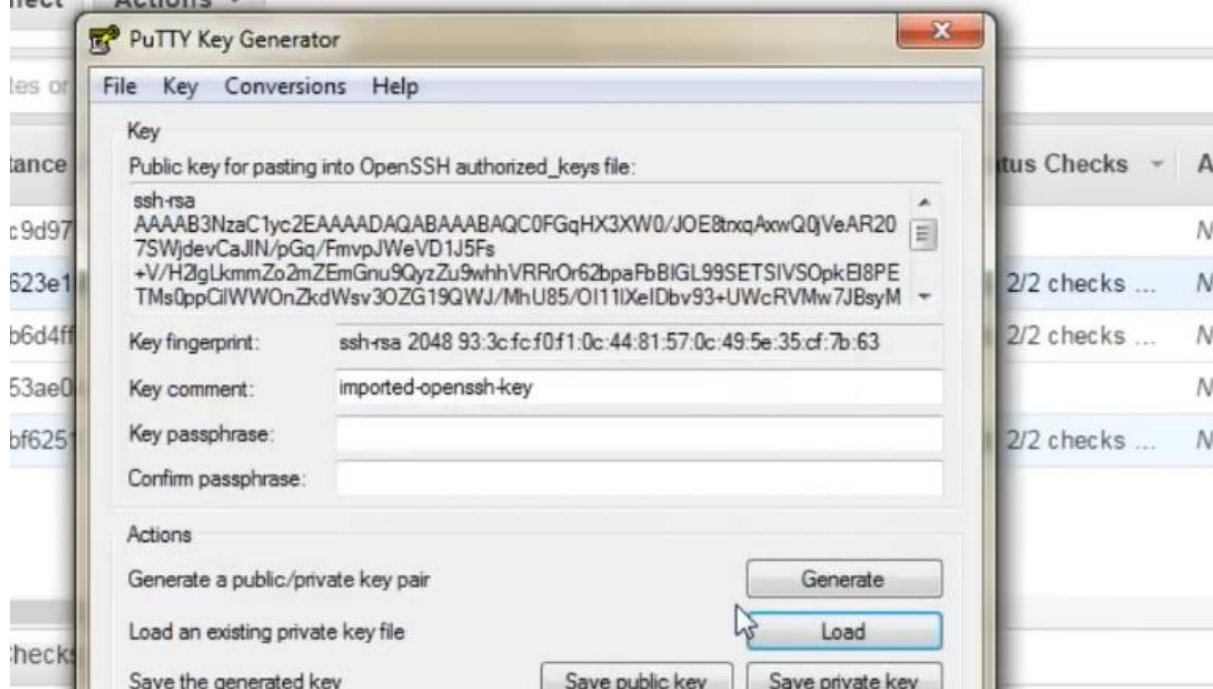
Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4
Tableau Server	i-03c9d97dfe9d0d89c	t2.medium	us-west-2b	stopped		None		
	i-08623e1df315d7ba0	t1.micro	us-west-2b	running	2/2 checks ...	None	ec2-54-70-232-168.us-w...	54.71
Ford Batch Inc...	i-08b6d4ff	m1.large	us-west-2b	running	2/2 checks ...	None	ec2-54-184-116-18.us-w...	54.11

CLOUD Formation

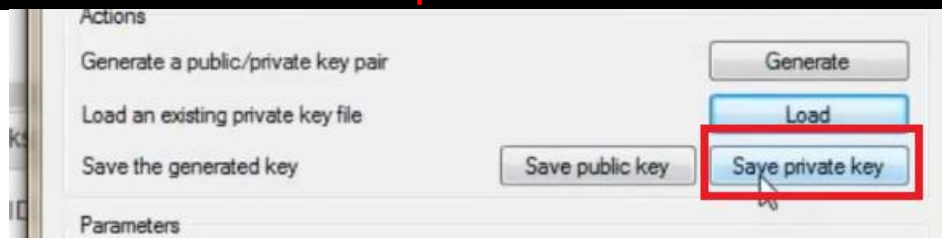
Connect EC2 and check services running or not

Convert to pem file to ppk format

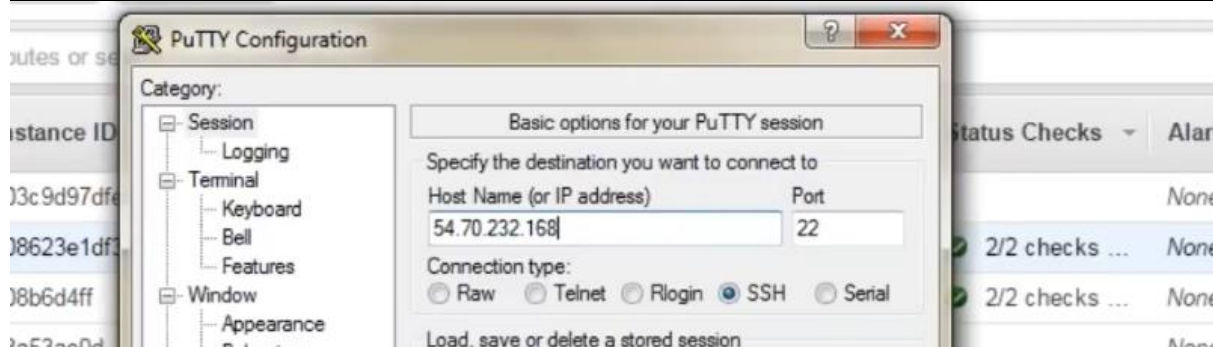
Open Puttygen application click to load and upload pem file



Click to private and save

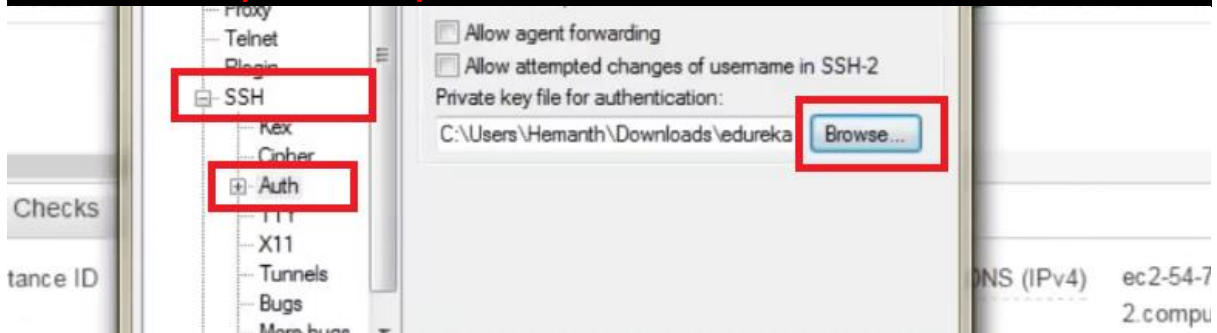


Open putty and enter public IP

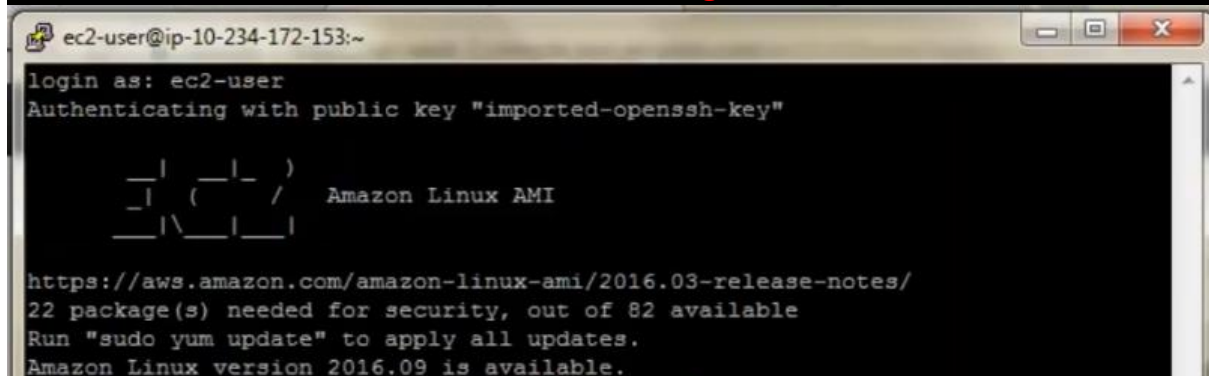


CLOUD Formation

Expand SSH option and click to Auth and browse file



Connect and login



Check MYSQL running

