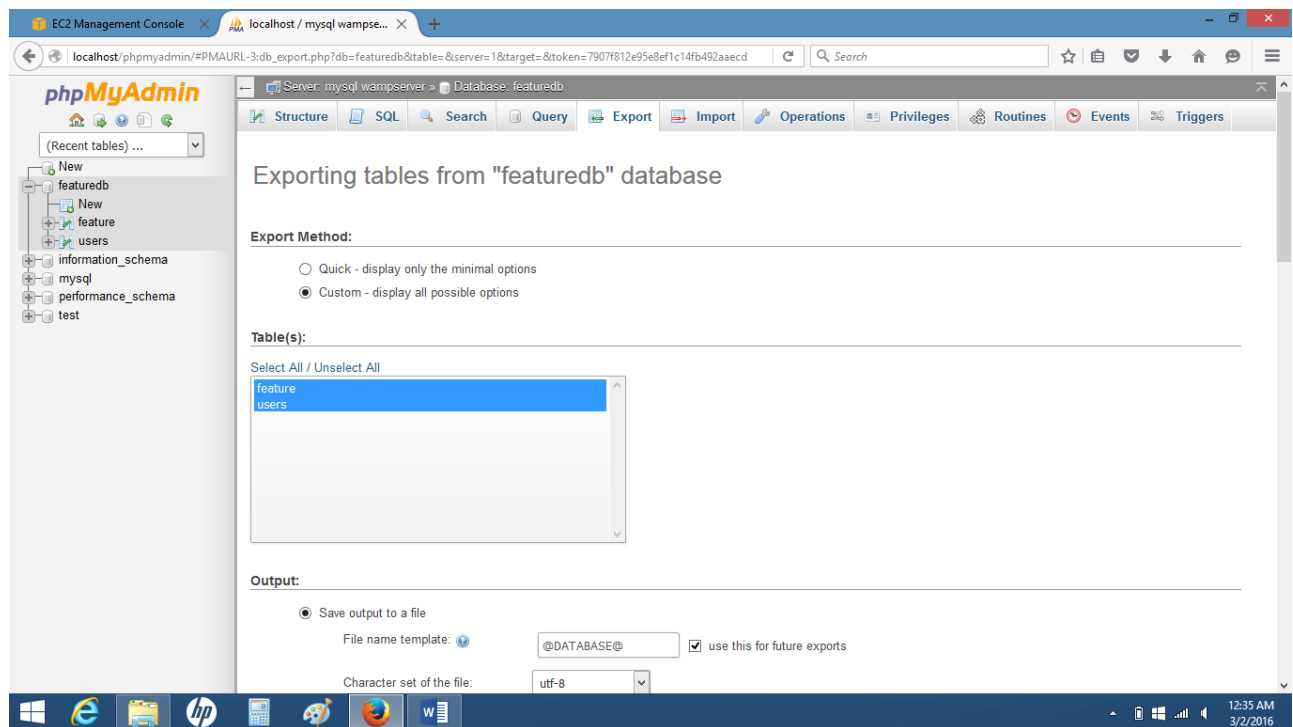
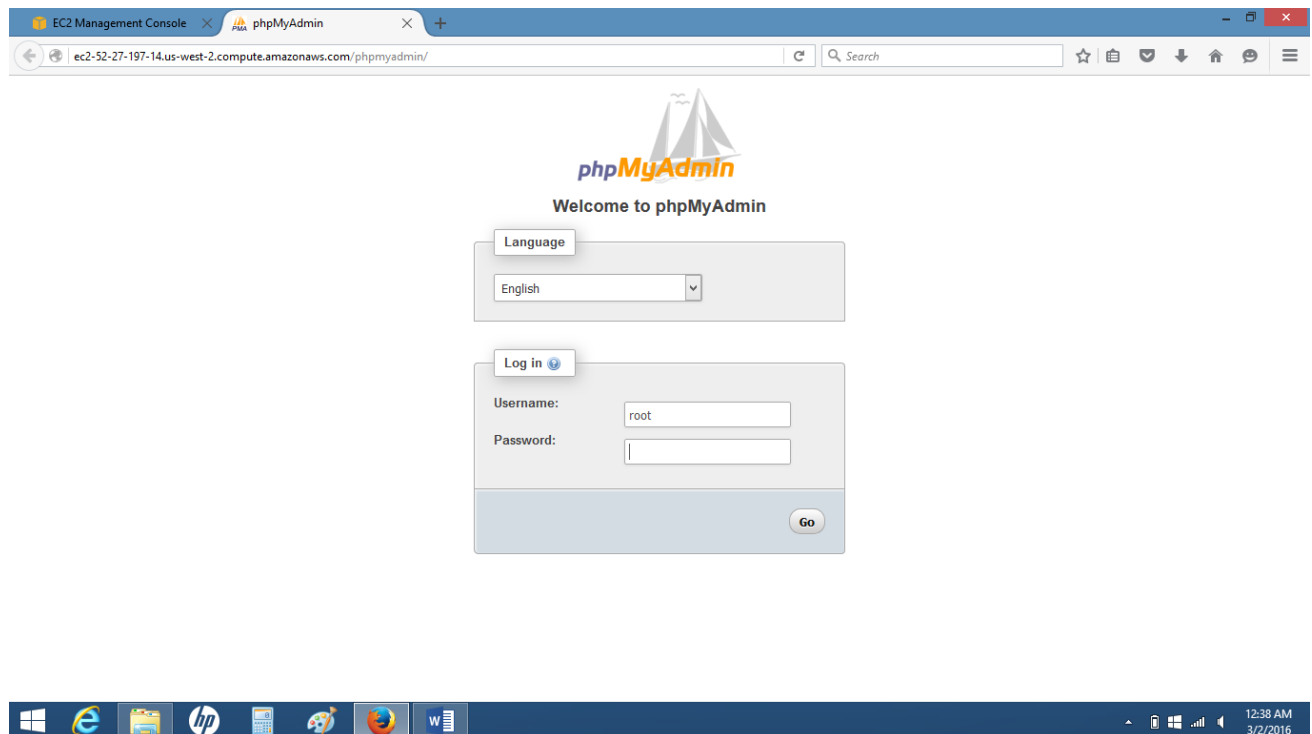


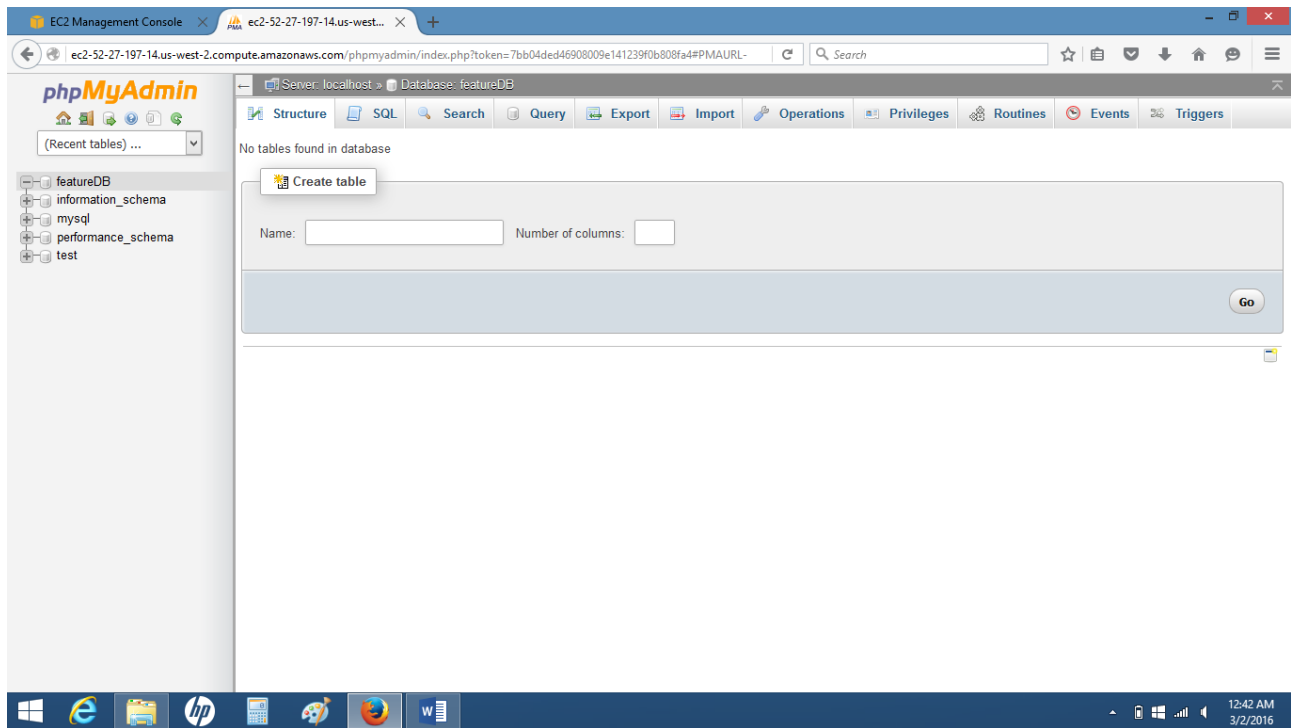
Export Mysql database (featureDB) from local machine and save.



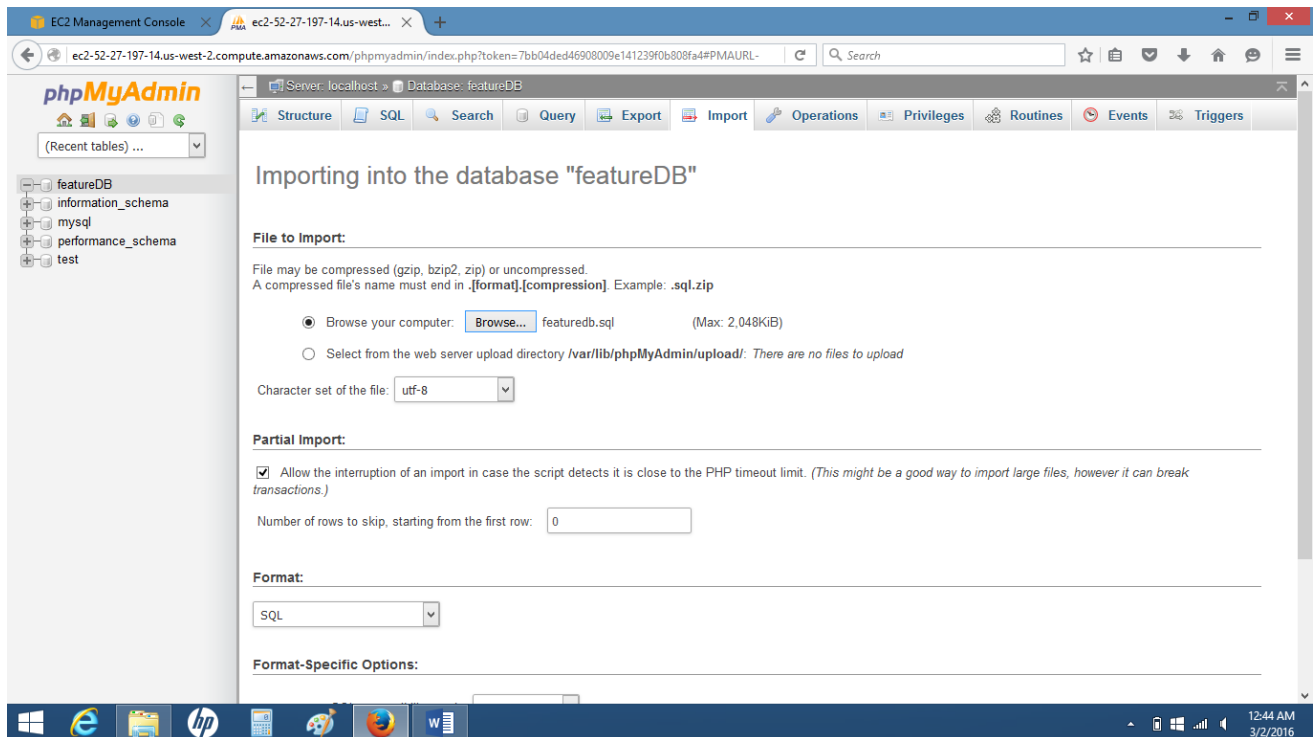
Now open the browser and copy the public DNS from EC2 and open the phpMyAdmin. User: root and password: 123



Create a new database (featuredb) over there



Import featuredb database from local machine (that was saved before) to AWS MySQL



EC2 Management Console x ec2-52-27-197-14.us-west-2.compute.amazonaws.com/phpmyadmin/import.php

phpMyAdmin

(Recent tables) ...

- featureDB
 - New
 - feature
 - users
- information_schema
- mysql
- performance_schema
- test

Server: localhost » Database: featureDB

Structure SQL Search Query Export Import Operations Privileges Routines Events Triggers

Import has been successfully finished, 13 queries executed. (featuredb.sql)

```
-- phpMyAdmin SQL Dump
-- version 4.1.14
-- http://www.phpmyadmin.net
--
-- Host: 127.0.0.1
-- Generation Time: Mar 02, 2016 at 05:22 AM
-- Server version: 5.6.17
-- PHP Version: 5.5.12
```

[Edit]

Windows taskbar: 12:45 AM 3/2/2016

EC2 Management Console x ec2-52-27-197-14.us-west-2.compute.amazonaws.com/phpmyadmin/import.php#PMAURL=1:sql.php?db=featureDB&table=feature&se

phpMyAdmin

(Recent tables) ...

- featureDB
 - New
 - feature
 - users
- information_schema
- mysql
- performance_schema
- test

Server: localhost » Database: featureDB » Table: feature

Browse Structure SQL Search Insert Export Import Operations Triggers

Showing rows 0 - 7 (8 total, Query took 0.0002 sec)

SELECT *
FROM 'feature'
LIMIT 0 , 30

☐ Profiling [[Inline](#)] [[Edit](#)] [[Explain SQL](#)] [[Create PHP Code](#)] [[Refresh](#)]

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Sort by key: None

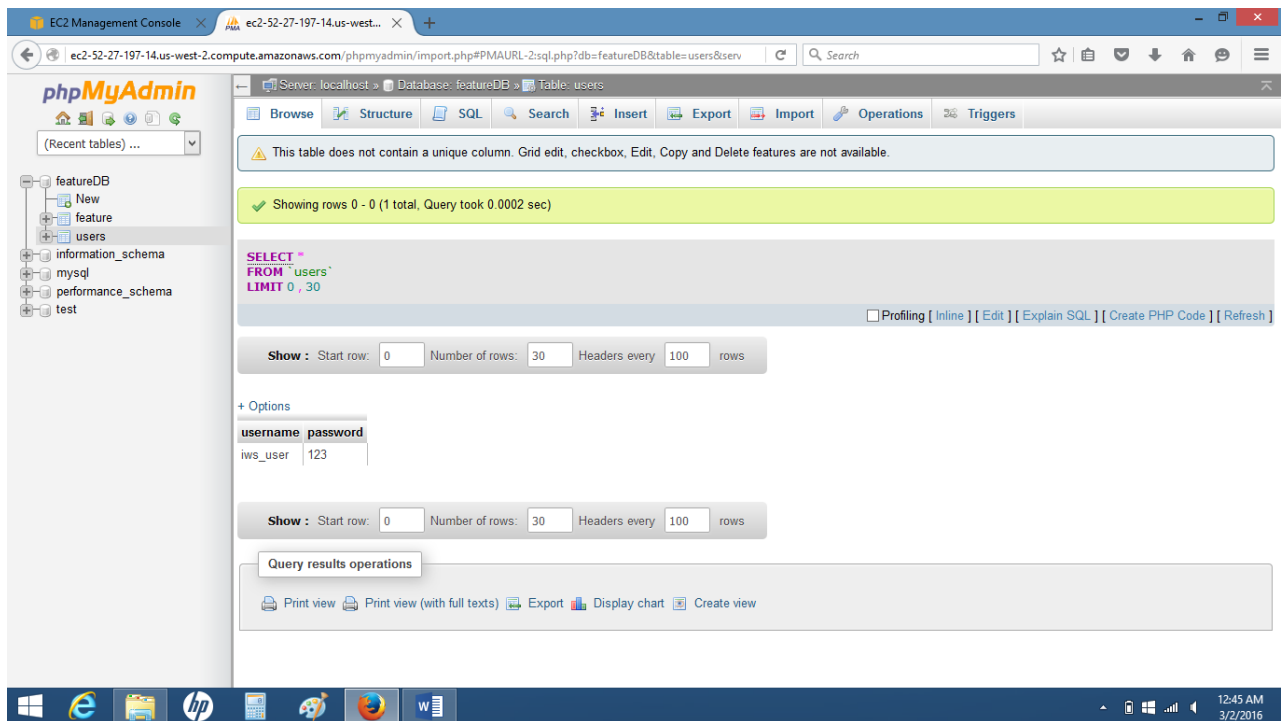
+ Options

	feature_id	title	description	client	priority	target	url	area
<input type="checkbox"/> Edit Copy Delete	3	Feature 3	It is a new feature	Client B	3	2016-05-08		Claims
<input type="checkbox"/> Edit Copy Delete	4	feature 4	it is a new feature for client B.	Client B	1	2016-02-24		Policies
<input type="checkbox"/> Edit Copy Delete	8	feature 6N	it is a new feature for client A.	Client A	3	2016-03-12		Policies
<input type="checkbox"/> Edit Copy Delete	9	feature 6N	it is a new feature for client A.	Client A	2	2016-03-12		Policies
<input type="checkbox"/> Edit Copy Delete	10	feature 6N	it is a new feature for client A.	Client A	1	2016-03-25		Reports
<input type="checkbox"/> Edit Copy Delete	11	feature 7J	it is a new feature for client C.	Client C	2	2016-03-21		Reports
<input type="checkbox"/> Edit Copy Delete	12	Feature NRT	a new feature for client C	Client C	1	2016-04-15		Billing
<input type="checkbox"/> Edit Copy Delete	13	Feature HJK	a new feature for client B	Client B	2	2016-04-14		Policies

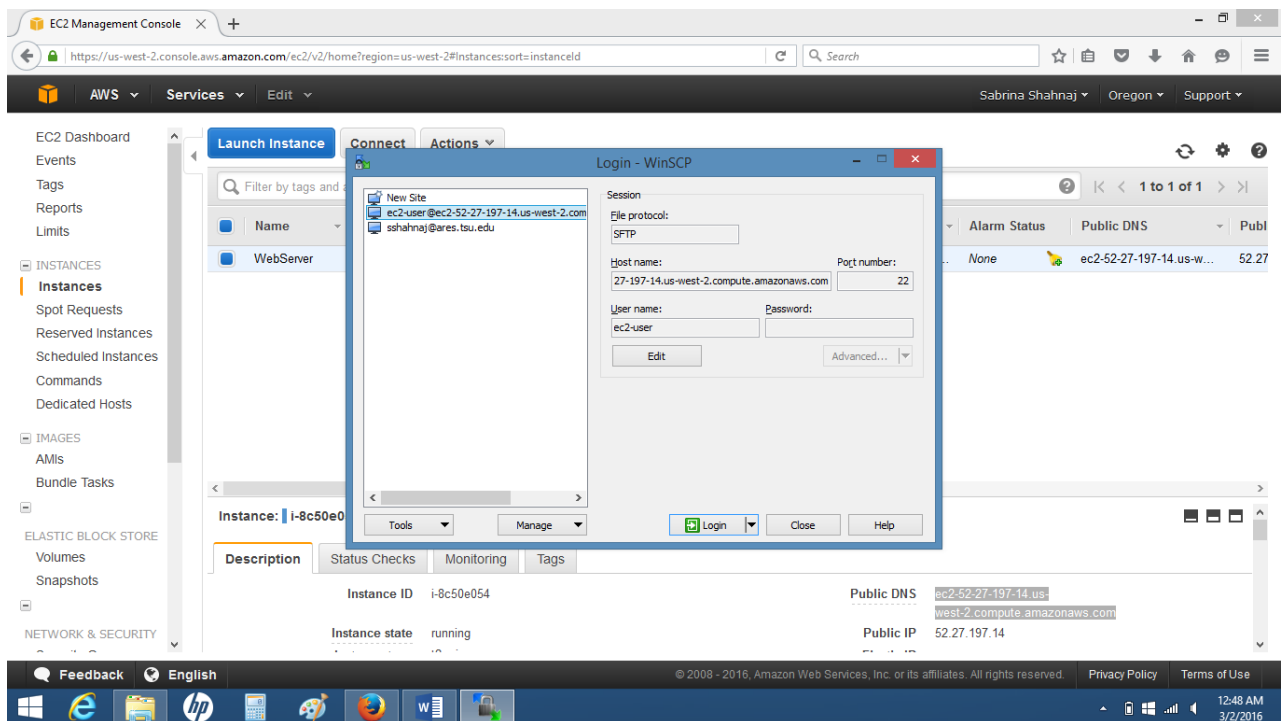
☐ Check All With selected: [Change](#) [Delete](#) [Export](#)

Show : Start row: 0 Number of rows: 30 Headers every 100 rows

Windows taskbar: 12:45 AM 3/2/2016



Now open WinSCP to transfer file from local machine to AWS Apache web server. Copy the public DNS from running EC2 instance and paste it into Hostname field of AWS. Also go to Advanced button, then SSH->Authentication and browse private key file. Save this session for future use. Finally Login.



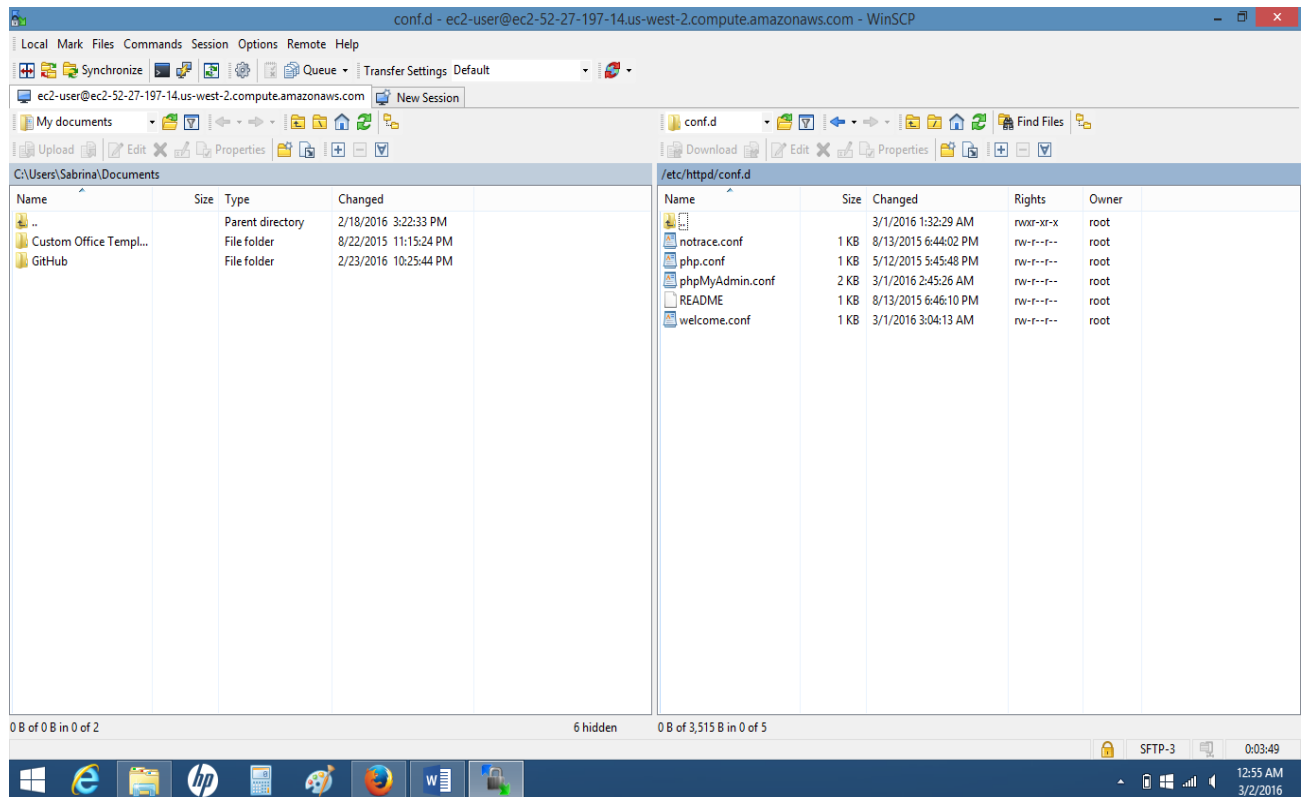
Click Yes

The screenshot shows the AWS Management Console for the EC2 service. A warning dialog box is displayed in the center, asking the user to continue connecting to an unknown server and add its host key to a cache. The dialog text reads: "Continue connecting to an unknown server and add its host key to a cache? The server's host key was not found in the cache. You have no guarantee that the server is the computer you think it is. The server's rsa2 key fingerprint is: ssh-rsa 2048 24:61:5b:fa:4d:fa:59:16:aa:92:79:7e:33:2f:23:ae If you trust this host, press Yes. To connect without adding host key to the cache, press No. To abandon the connection press Cancel." The dialog has buttons for "Yes", "No", "Cancel", "Copy Key", and "Help".

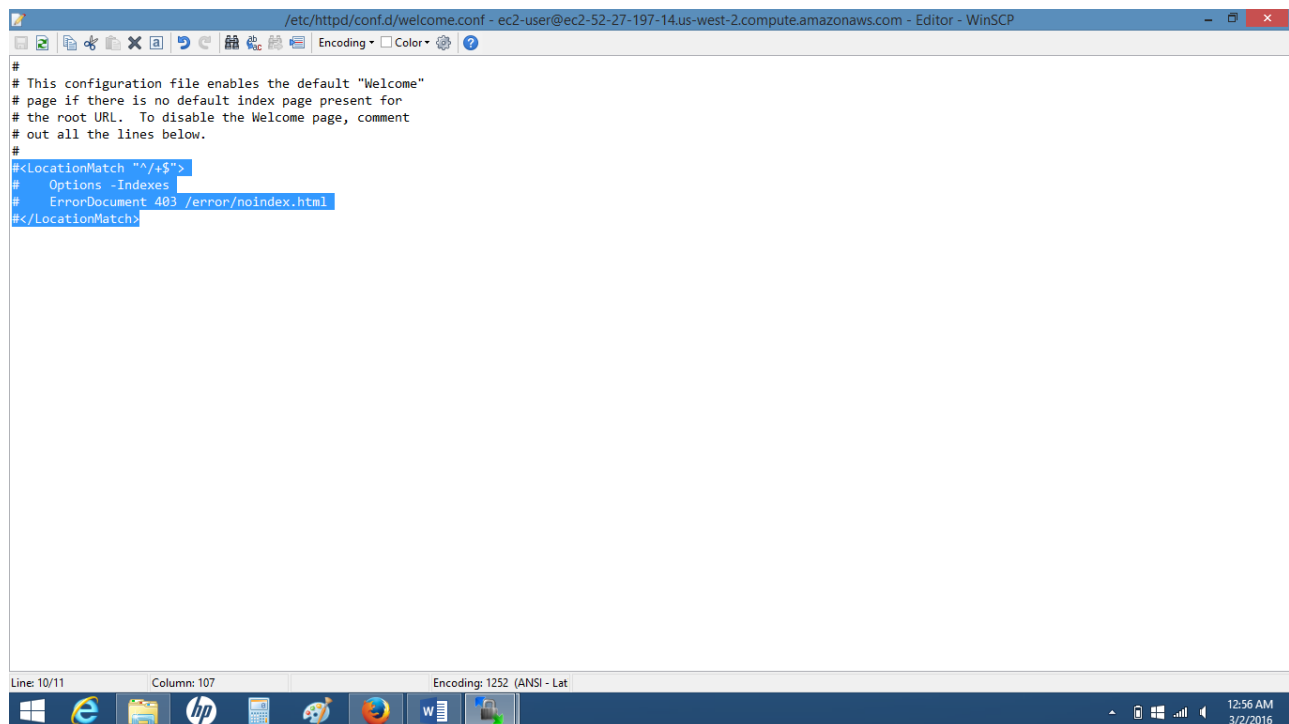
The background shows the EC2 instance details for "WebServer" (Instance ID: i-8c50e054). The instance is in the "running" state. The public DNS is "ec2-52-27-197-14.us-west-2.compute.amazonaws.com" and the public IP is "52.27.197.14".

The screenshot shows a WinSCP session. The left pane displays the local file system (C:\Users\Sabrina\Documents) with files like "Custom Office Templ...", "GitHub", and "Parent directory". The right pane displays the remote file system (/home/ec2-user) with a single file "ec2-user". The status bar at the bottom shows "0 B of 0 B in 0 of 2" and "0 B of 0 B in 0 of 0".

Now go to `/etc/httpd/conf.d` and open `welcome.conf` file.



Comment out `<LocationMatch>` tag and save. It prevents to load the default page of Apache web server when you go the public DNS in the browser.



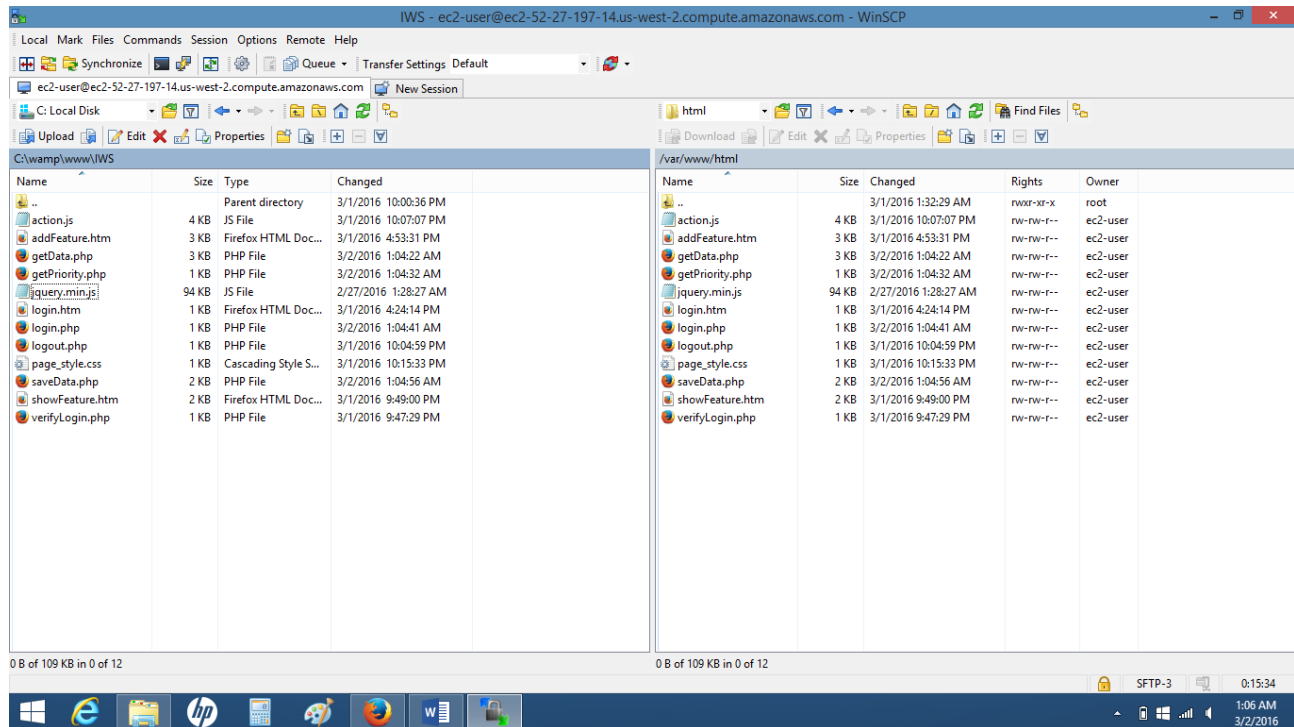
If you get any error (i.e. Permission denied) while saving this file, then open Putty, login to ec2 console and change the read write permission of this directory. For example:

sudo -l (you need to switch to root in order to change the permission)

chmod 777 /etc/httpd/conf.d

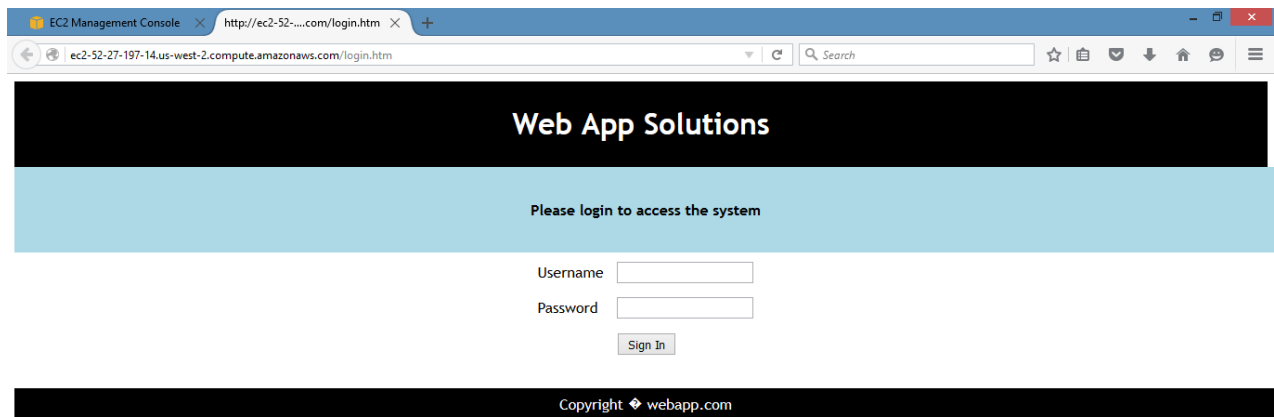
Now you can save file in this directory.

Next transfer file from local machine to /var/www/html



If you get the error like permission denied, then change the read write permission of this directory as described above.

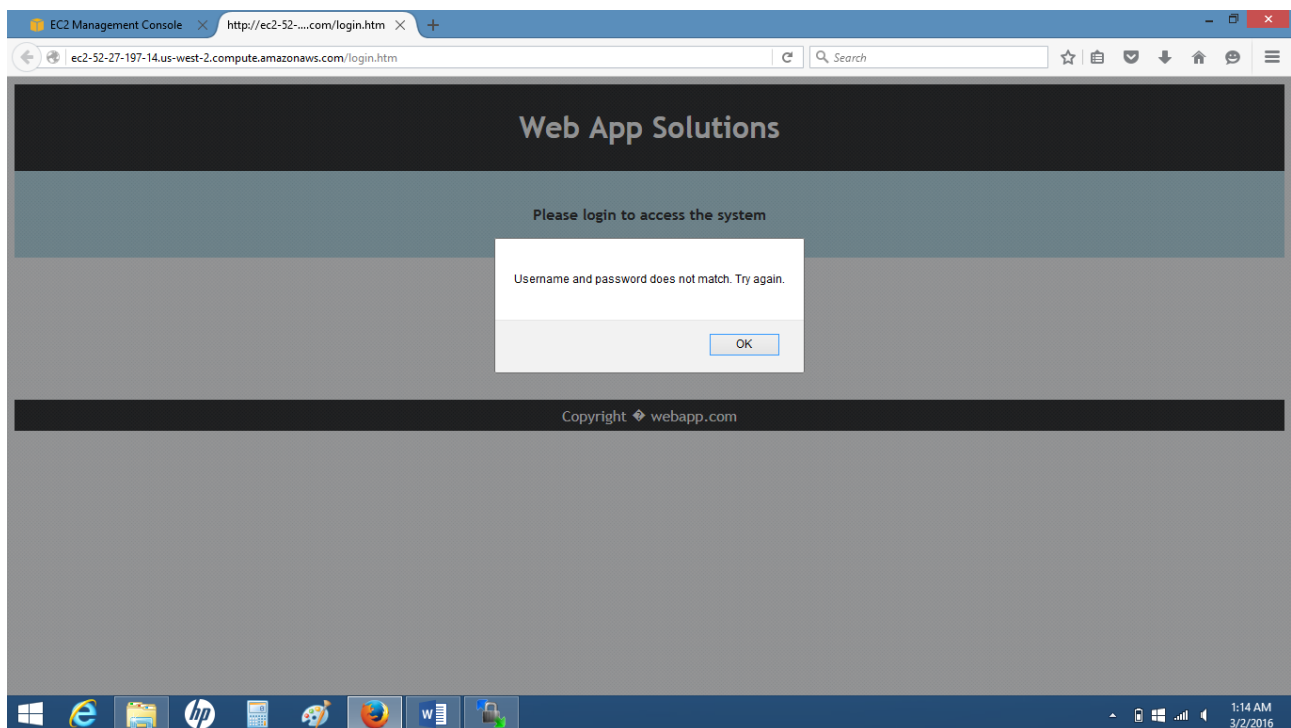
Now your application is over the EC2 instance. You can browse it by public DNS/yourfile.html (example). Below are the screenshots of running this web application over AWS.

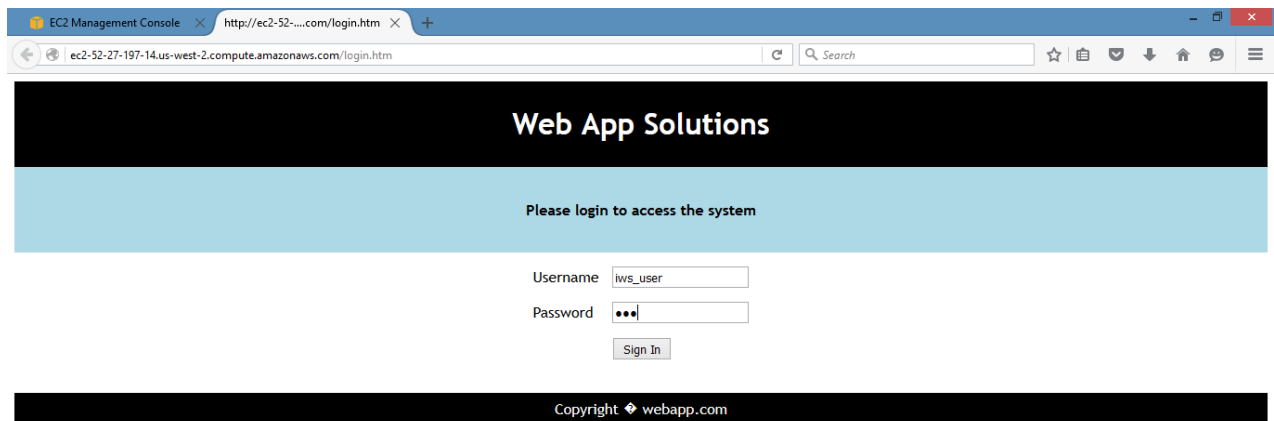


Default username: iws_user and password: 123

If more users are required to add then go to phpMyAdmin (that is installed in AWS). Add new user, password in users table of featuredb database.

For wrong username and password





Add New Feature page is loaded after successful login.

The screenshot shows the 'Add New Feature' page in the web browser. The header is black with 'Web App Solutions' in white. Below the header is a light blue section with two links: 'Add New Feature' and 'Show Features'. The main content area is titled 'Add New Feature' and contains a form with the following fields: 'Title' (text input), 'Description' (text area), 'Client' (dropdown menu with 'Select...' option), 'Priority' (text input), 'Target Date' (text input), 'URL' (text input), and 'Product Area' (dropdown menu with 'Select...' option). A 'Submit' button is located at the bottom right of the form. The footer is black with 'Copyright © webapp.com'.

Here, URL is option. Other fields are must. If you miss those fields and hit Submit, then red color texts are shown on next image.

EC2 Management Console [http://ec2-52-...name=iws_user](#)

ec2-52-27-197-14.us-west-2.compute.amazonaws.com/addFeature.htm?username=iws_user

Web App Solutions

[Add New Feature](#) [Show Features](#) Welcome iws_user [Log out](#)

Add New Feature

Title:

Description:

Client:

Priority: * required

Target Date: * required

URL:

Product Area: * required

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1:50 AM 3/2/2016

After giving input in these field, a new record will be inserted in database.

EC2 Management Console [http://ec2-52-...name=iws_user](#)

ec2-52-27-197-14.us-west-2.compute.amazonaws.com/addFeature.htm?username=iws_user

Web App Solutions

[Add New Feature](#) [Show Features](#) Welcome iws_user [Log out](#)

New record created successfully

Title:

Description:

Client:

Priority: * required

Target Date: * required

URL:

Product Area: * required

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Show Feature page: select from drop down list and hit Show Feature

EC2 Management Console [http://ec2-52-27-197-14.us-west-2.compute.amazonaws.com/showFeature.htm?username=iws_user](#)

ec2-52-27-197-14.us-west-2.compute.amazonaws.com/showFeature.htm?username=iws_user

Web App Solutions

[Add New Feature](#) [Show Features](#) Welcome iws_user [Log out](#)

Select Client [Show Feature](#)

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EC2 Management Console [http://ec2-52-27-197-14.us-west-2.compute.amazonaws.com/showFeature.htm?username=iws_user](#)

ec2-52-27-197-14.us-west-2.compute.amazonaws.com/showFeature.htm?username=iws_user

Web App Solutions

[Add New Feature](#) [Show Features](#) Welcome iws_user [Log out](#)

Select Client [Show Feature](#)

Title	Description	Client	Priority	Target	URL	Area
feature 6N	it is a new feature for client A.	Client A	1	2016-03-25		Reports
feature 6N	it is a new feature for client A.	Client A	2	2016-03-12		Policies
feature 6N	it is a new feature for client A.	Client A	3	2016-03-12		Policies
feature 4	it is a new feature for client B.	Client B	1	2016-02-24		Policies
Feature HJK	a new feature for client B	Client B	2	2016-04-14		Policies
Feature 8MK	a new feature for Client B	Client B	3	2016-03-31		Reports
Feature 3	It is a new feature	Client B	4	2016-05-08		Claims
Feature NRT	a new feature for client C	Client C	1	2016-04-15		Billing
feature 7J	it is a new feature for client C.	Client C	2	2016-03-21		Reports

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