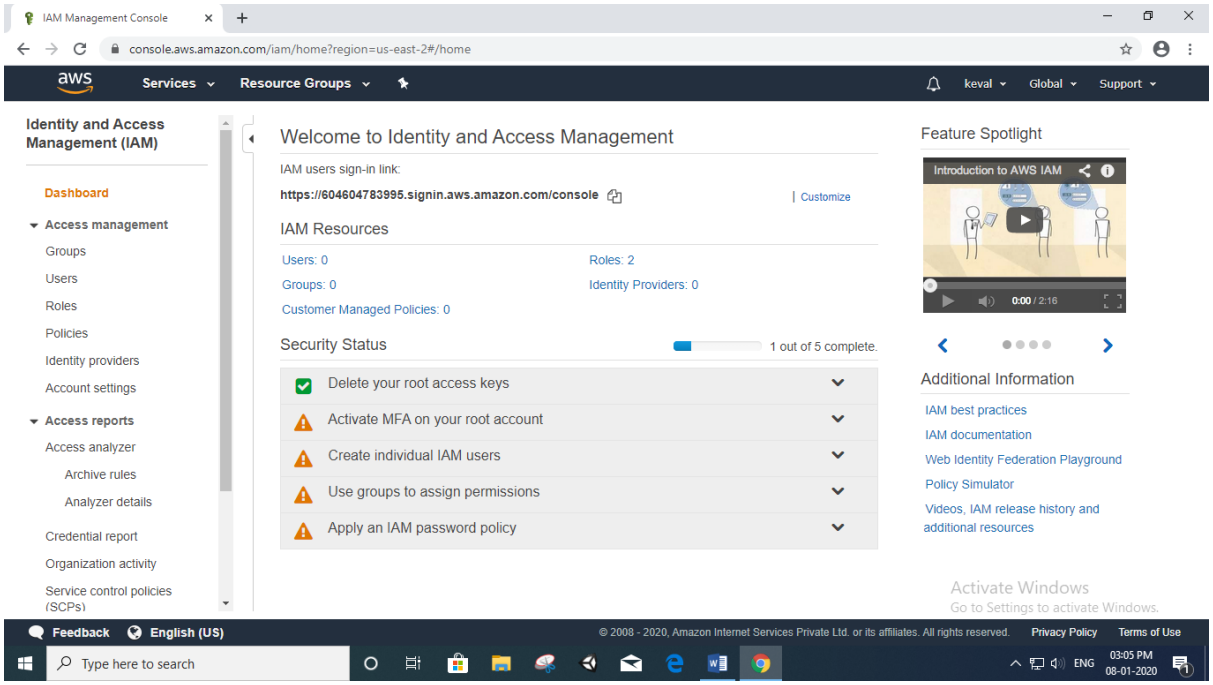
AWS Practice

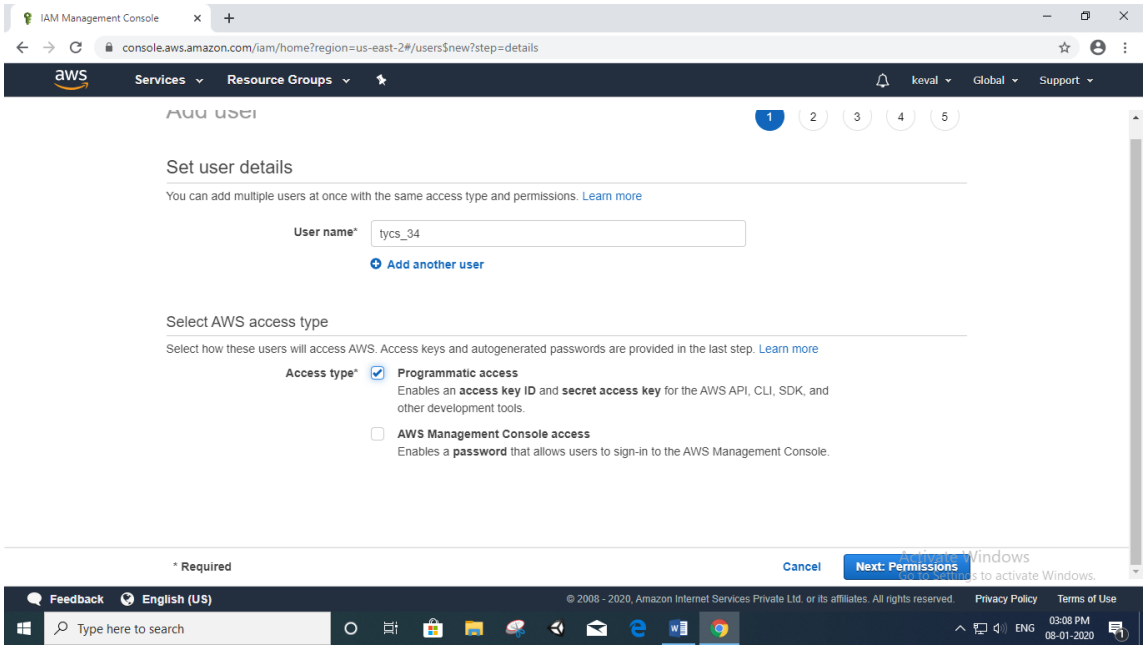
Create IAM User and give roles

Step 1: Go to aws.amazon.com > now click on AWS management windows then it will ask you to create new AWS account.

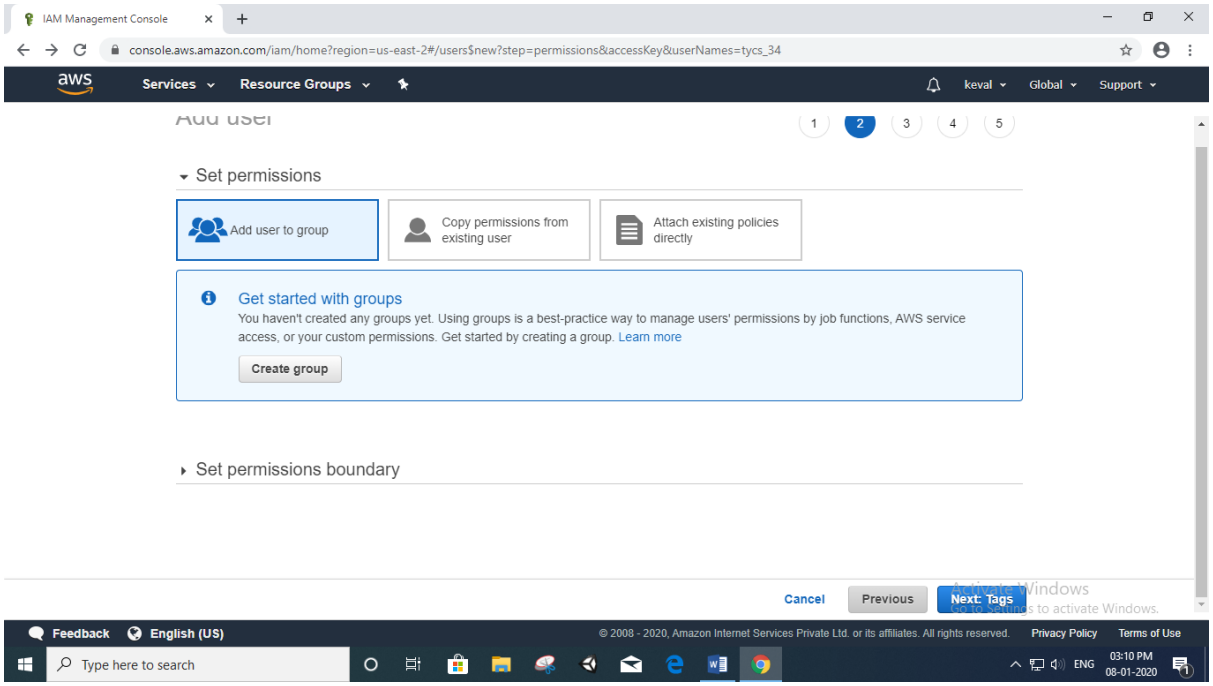
In services >click IAM > click user>



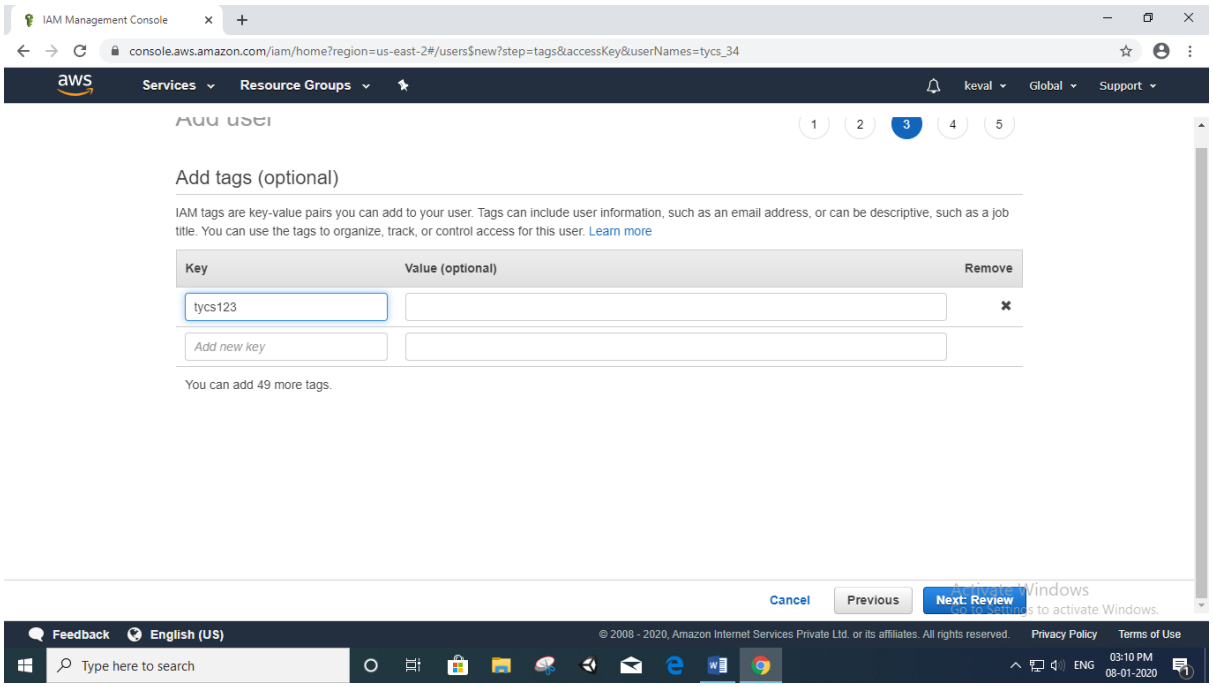
Step 2: Now give user name and access type > next permission



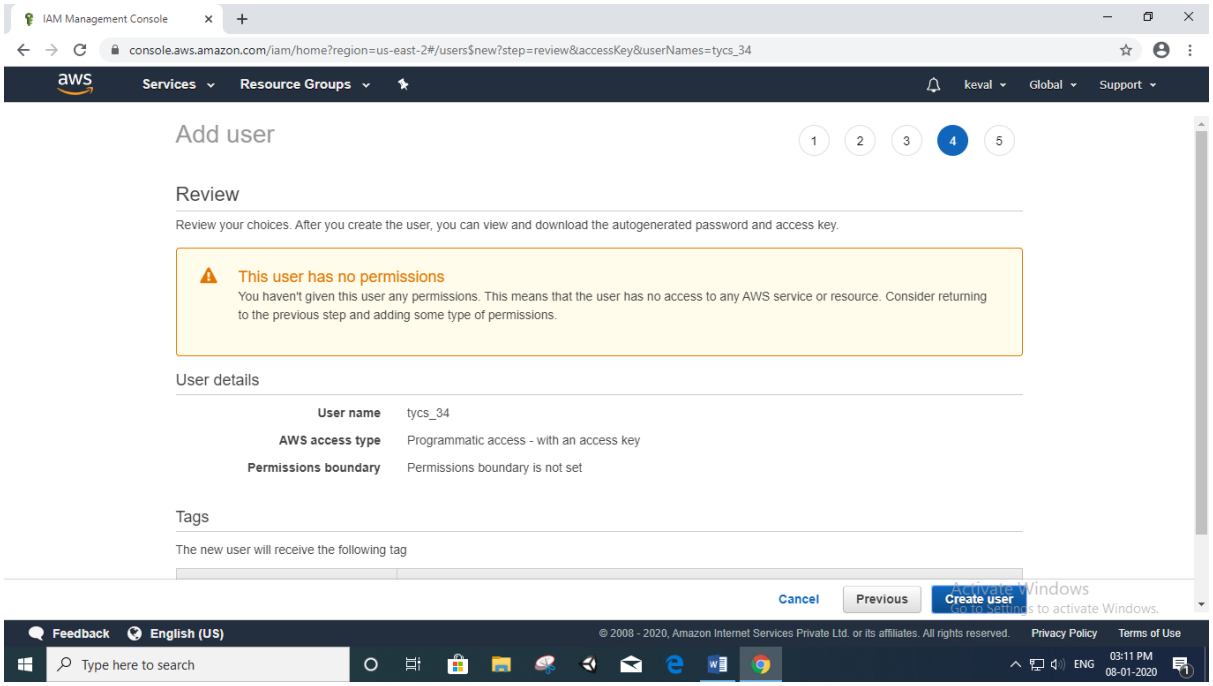
Step 3: Next tags



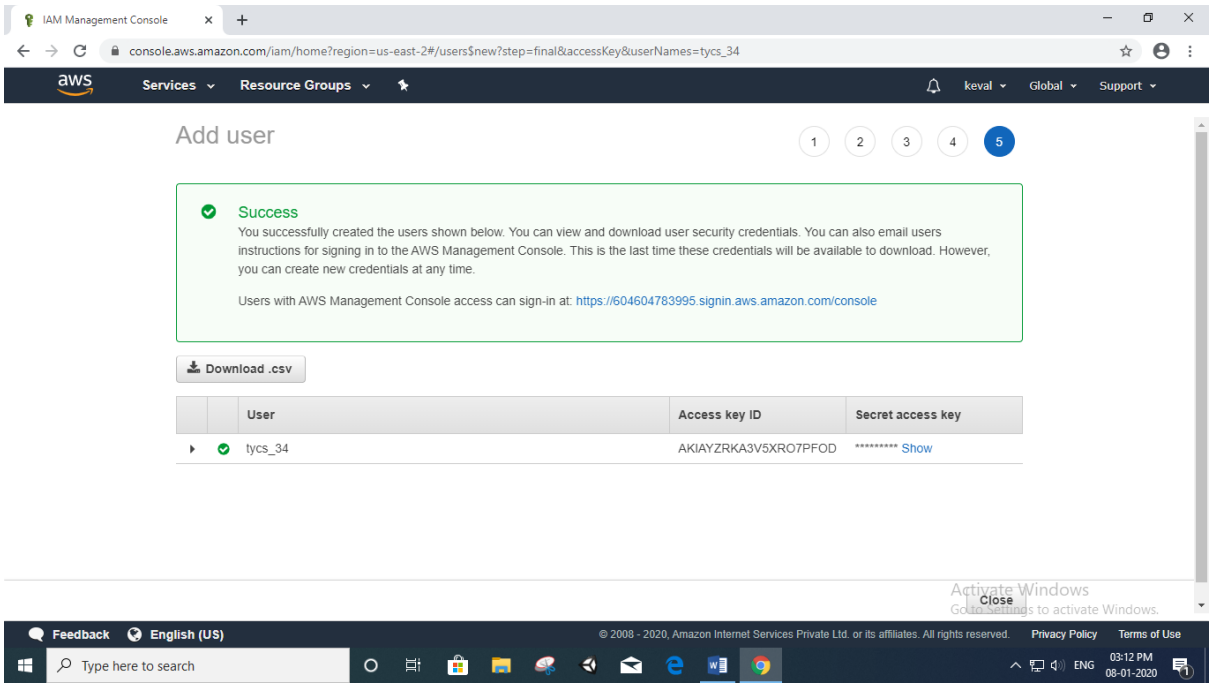
Step 4: Give key value>Next review



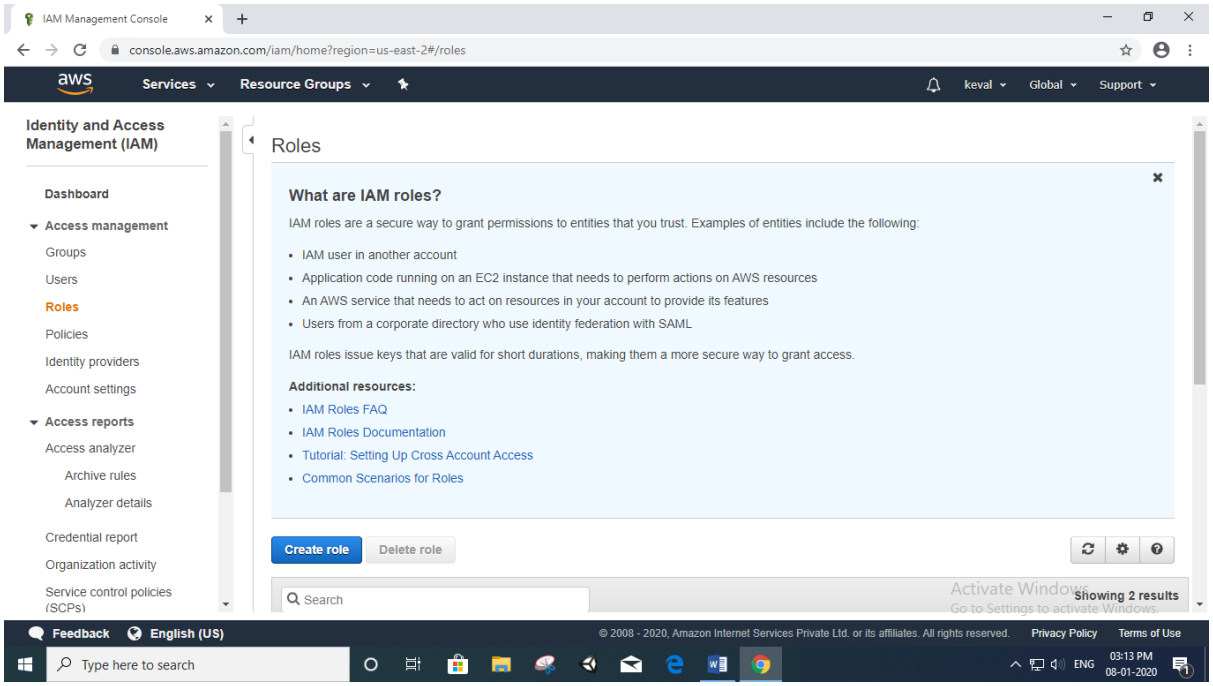
Step 5: Create user



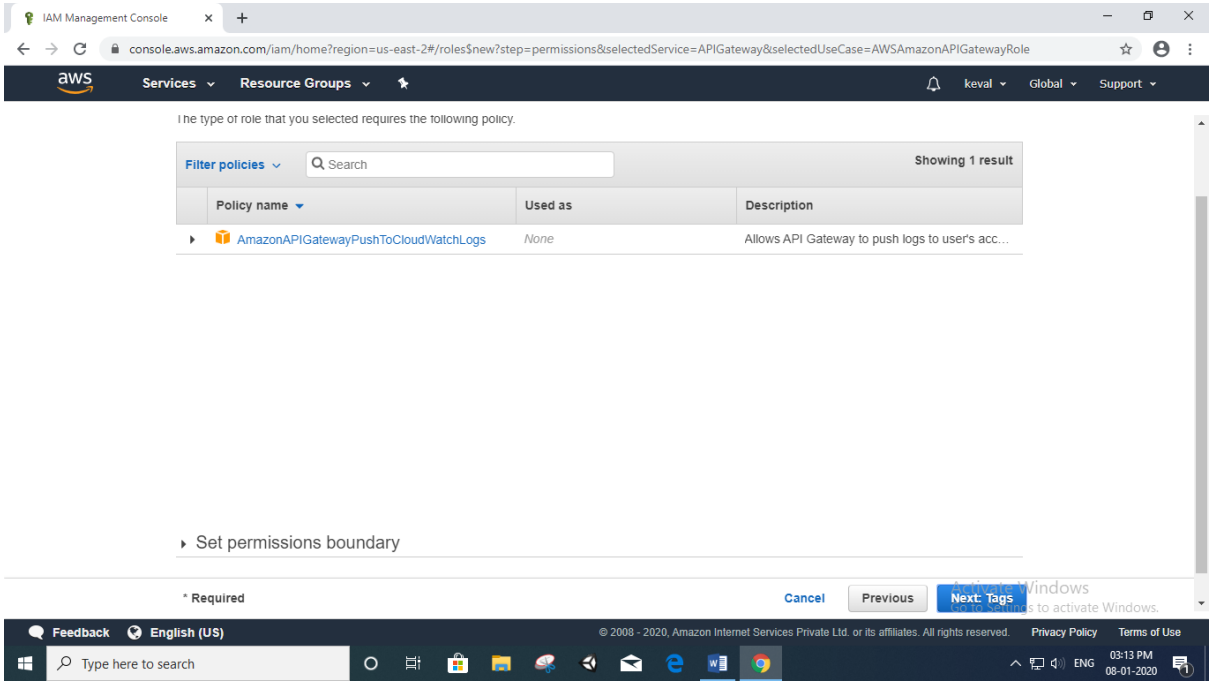
Step 6: Close



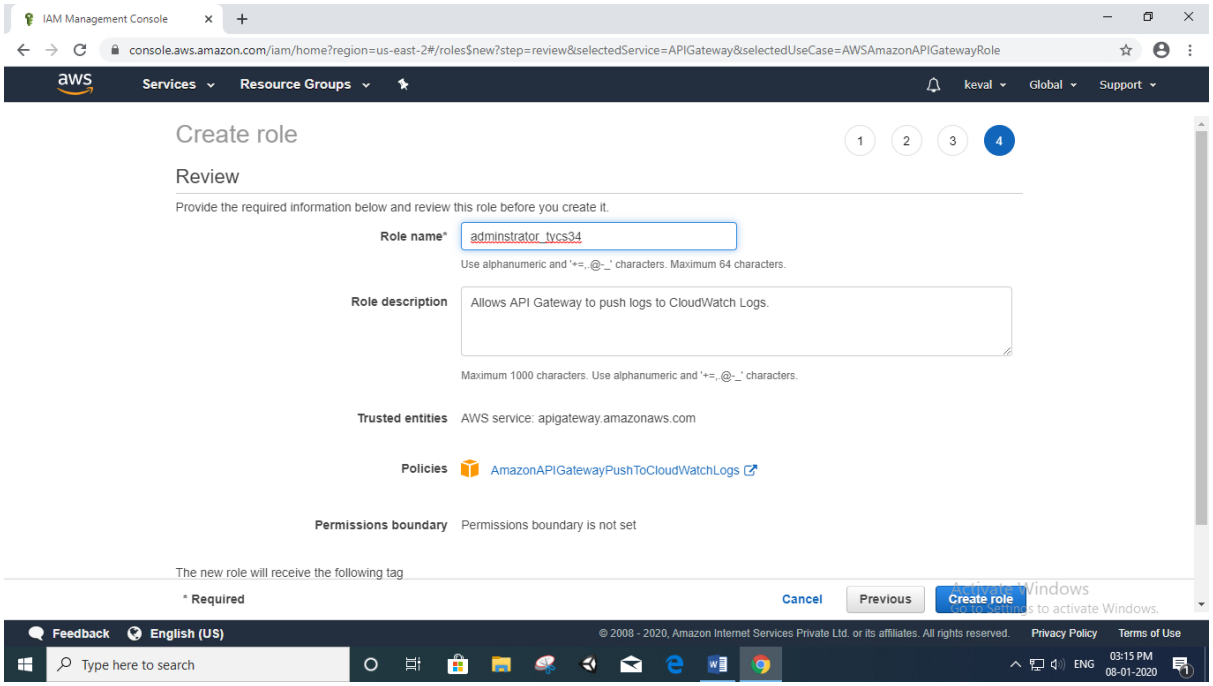
Step 7: Click on Roles



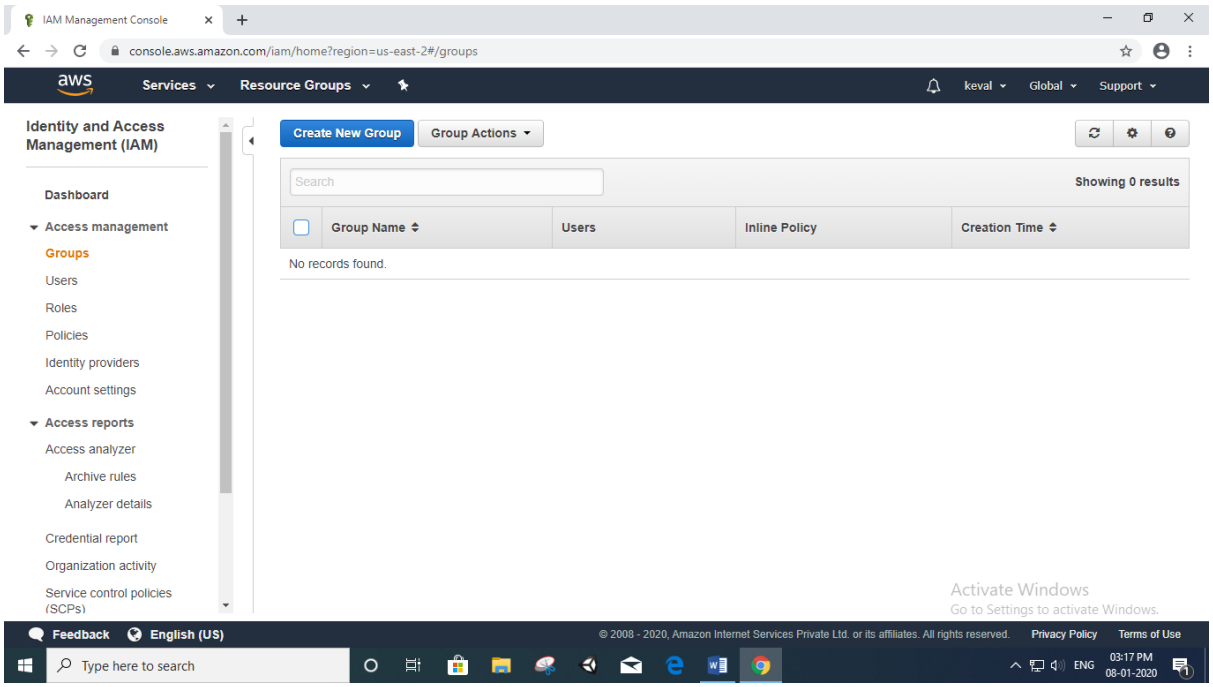
Step 8: create role > Select API gateway> Next permission>next tags>next review



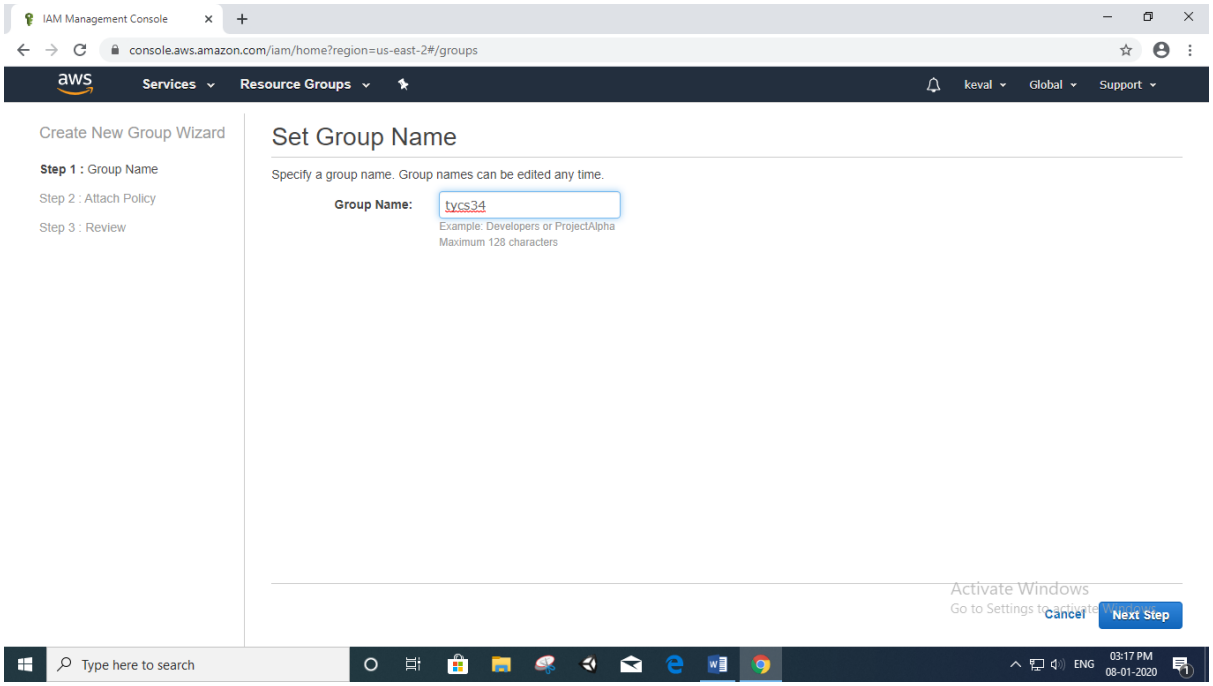
Step 9: Give role name as admin>create role



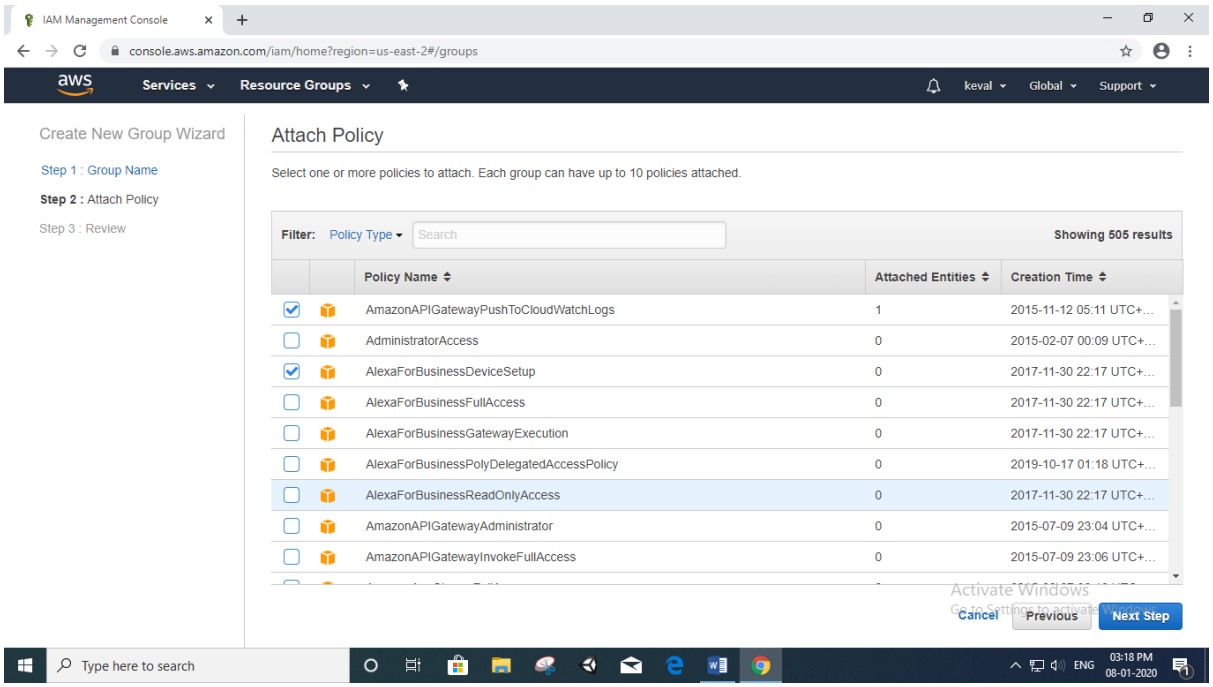
Step 10: Click on groups > create group >



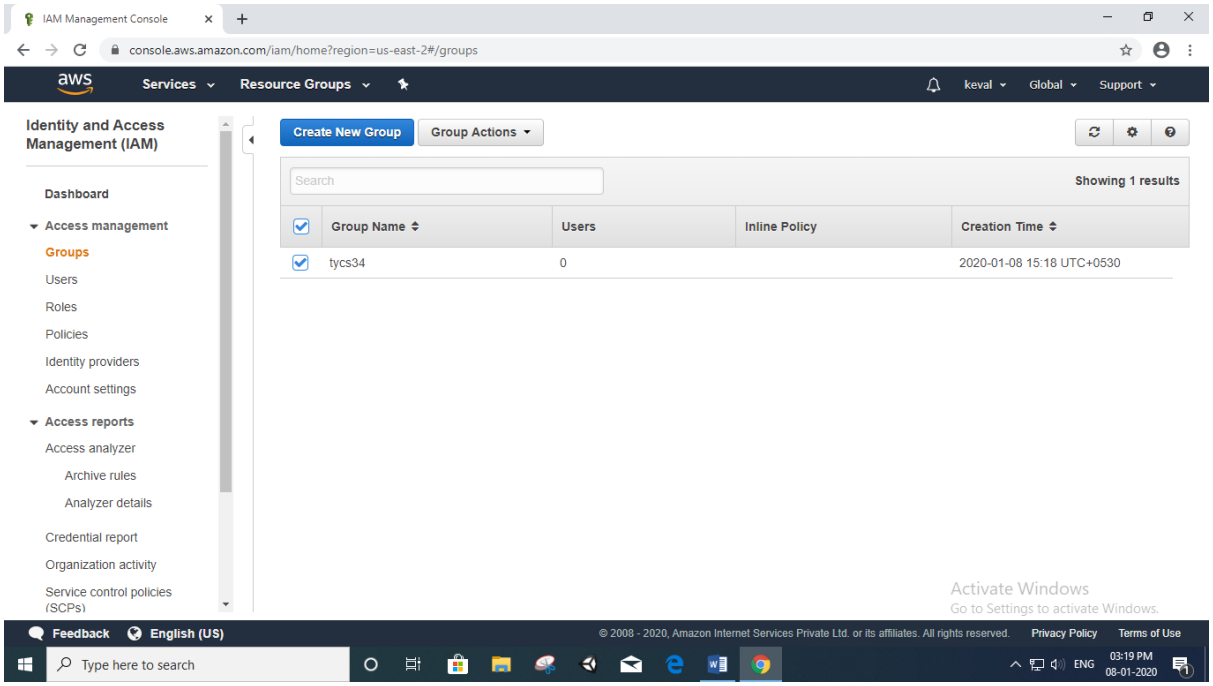
Step 11: Give group name >next



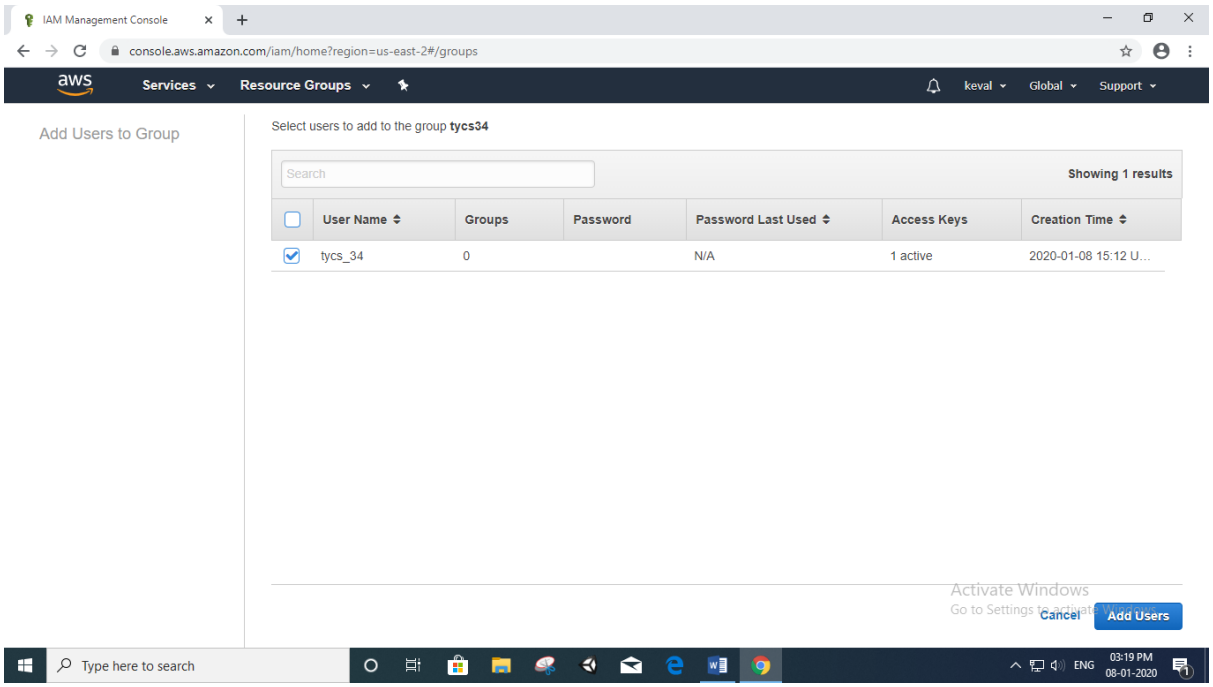
Step 12: select the amazon API and ALEXA >next step



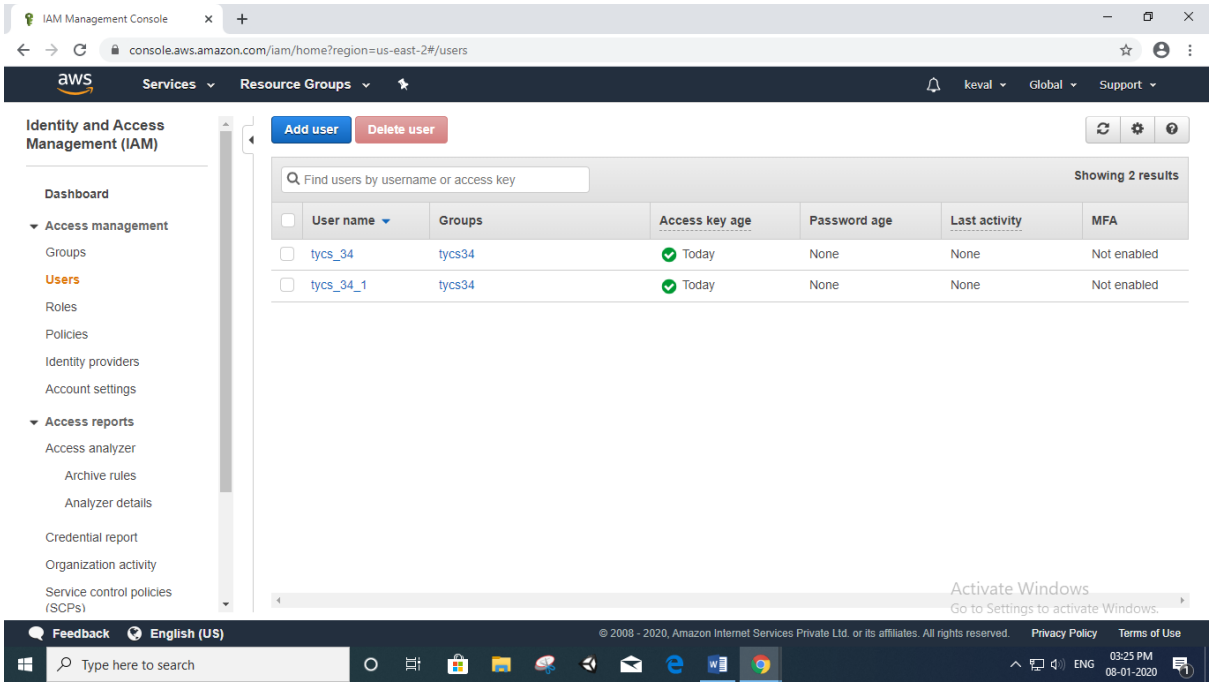
Step 13: Click on group



Step 14 Go to group action >add user to group > add user

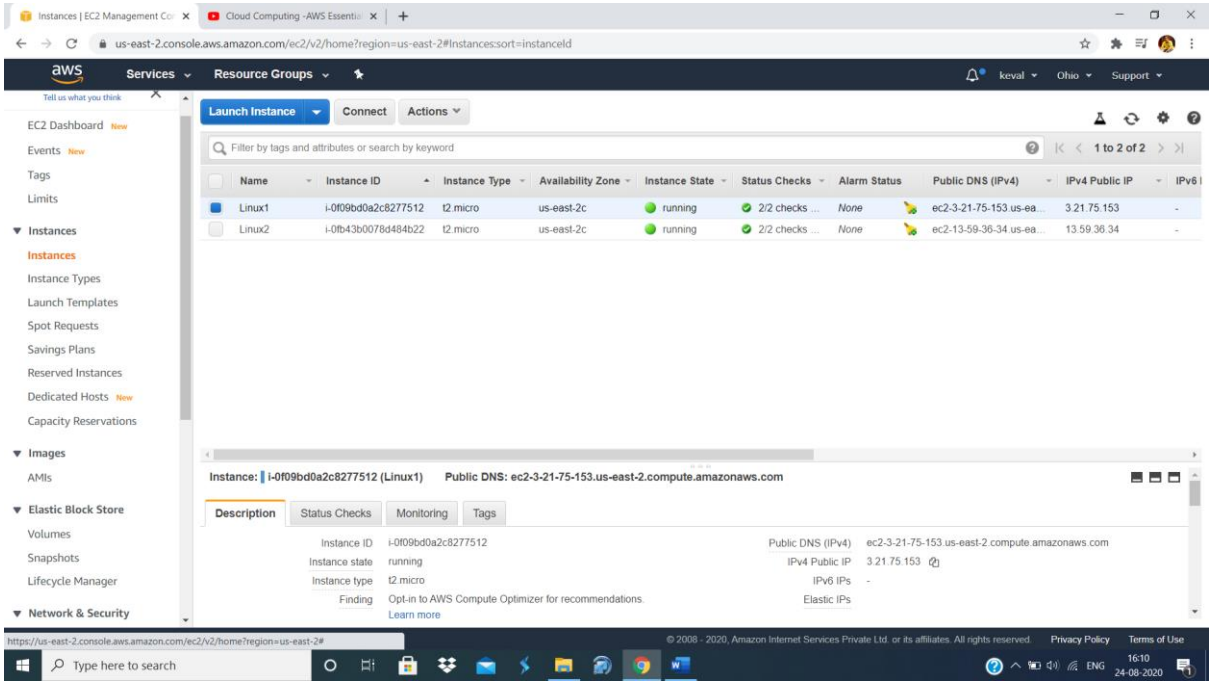


Step 15: Click on users “OUTPUT”

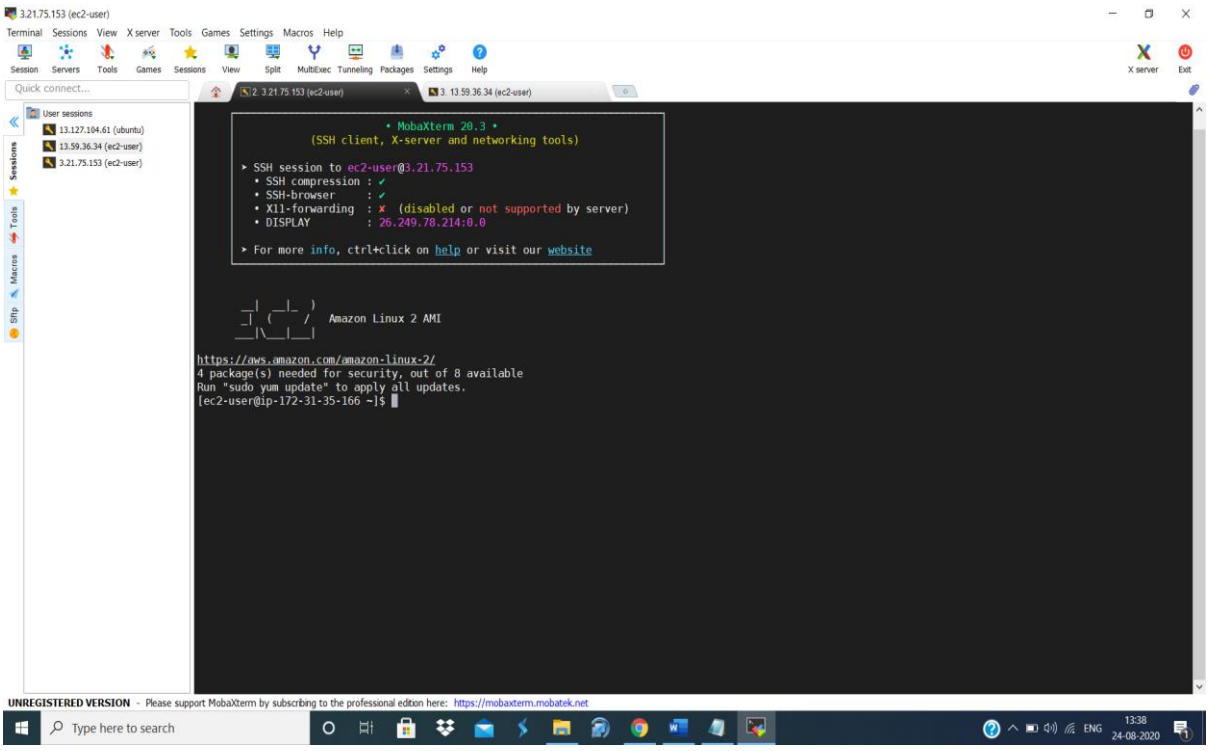


Create a EC2 Instance and host a webpage on that instance

Step1: Create Linux instances, Use the first free Linux AMI



Step2: Launch instances using Mobaxterm



Step3: Host html login webpage on servers

```
[root@ip-172-31-35-166 html]# vi index.html
[root@ip-172-31-35-166 html]# more index.html
<form action="action_page.php" method="post">
<div class="imgcontainer">
<img src="img_avatar2.png" alt="Avatar" class="avatar">
</div>

<div class="container">
<label for="uname"><b>Username</b></label>
<input type="text" placeholder="Enter Username" name="uname" required>

<label for="psw"><b>Password</b></label>
<input type="password" placeholder="Enter Password" name="psw" required>

<button type="submit">Login</button>

<label>
<input type="checkbox" checked="checked" name="remember"> Remember me
</label>
</div>

<div class="container" style="background-color:#f1f1f1">
<button type="button" class="cancelbtn">Cancel</button>
<span class="psw">Forgot <a href="#">password?</a></span>
</div>
</form>

[root@ip-172-31-35-166 html]# service httpd start
Redirecting to /bin/systemctl start httpd.service
[root@ip-172-31-35-166 html]#
```

ort MobaXterm by subscribing to the professional edition here: https://mobaxterm.mobatek.net

Step4: Check if the application is deployed on servers by copy pasting the public IP of the servers into the browser.