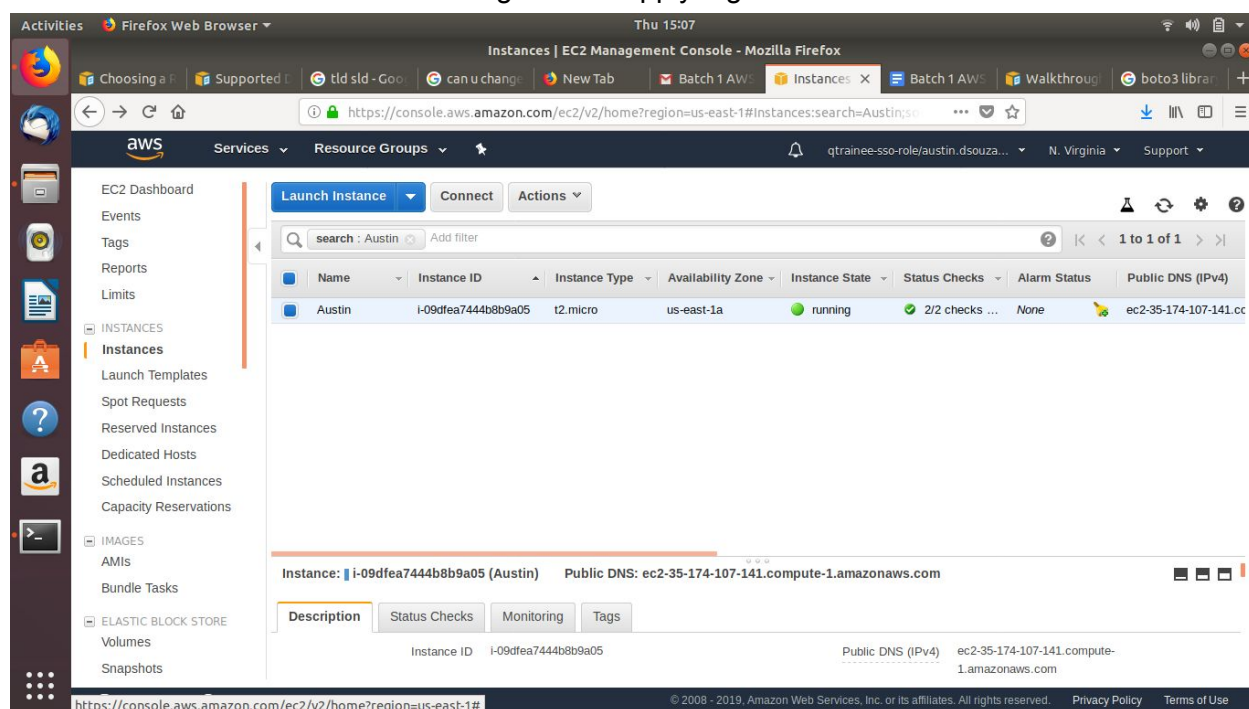
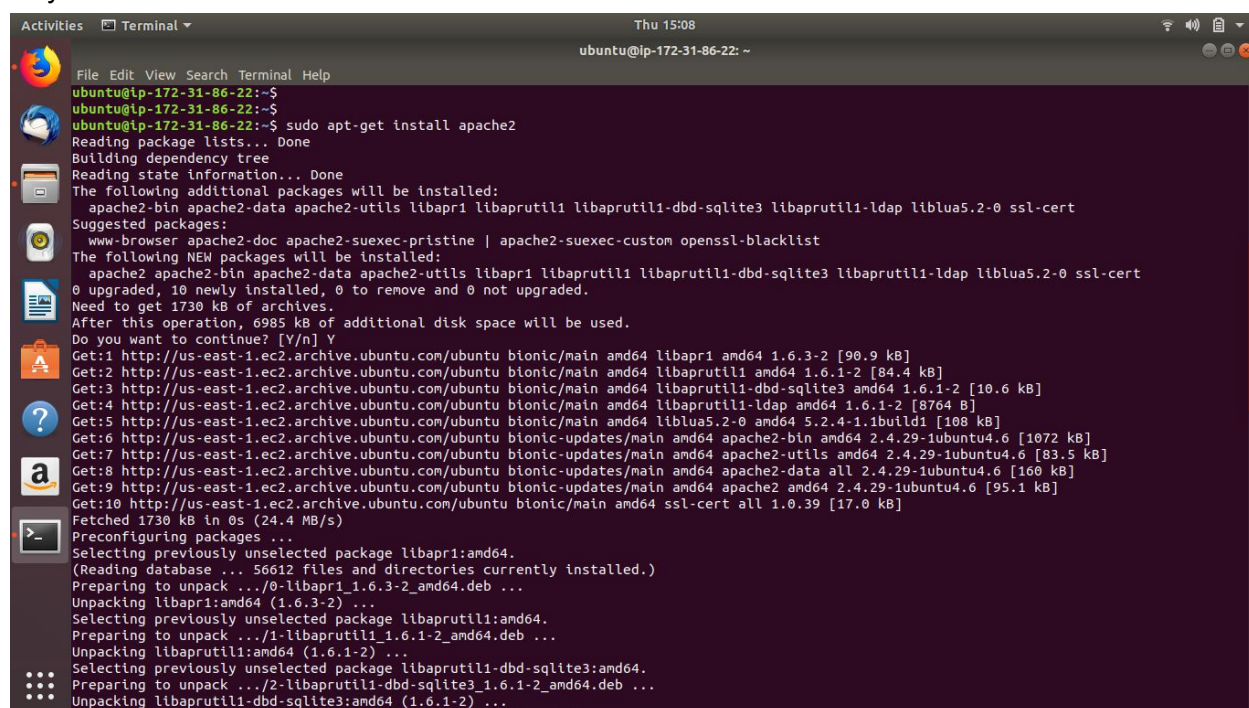


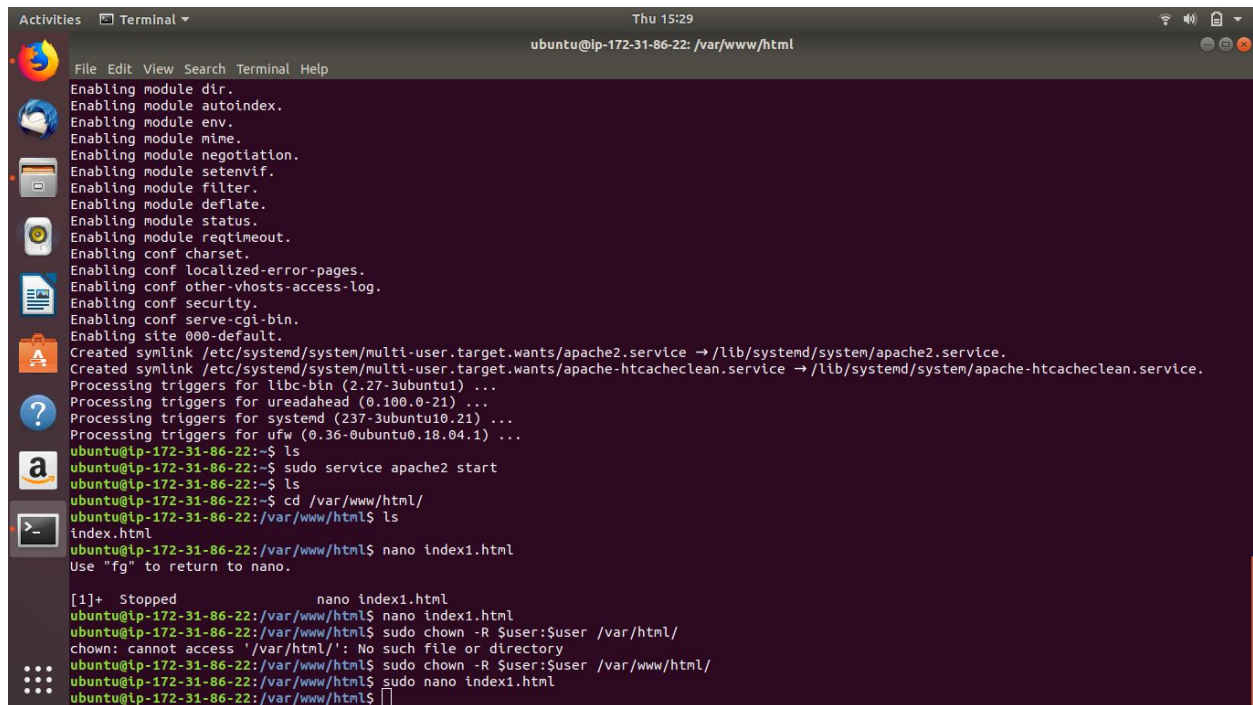
1. Create an EC2 instance in North Virginia and apply tags to it.



2. After you have launched your instance connect to it using the .pem file. Download apache2 on your instance.



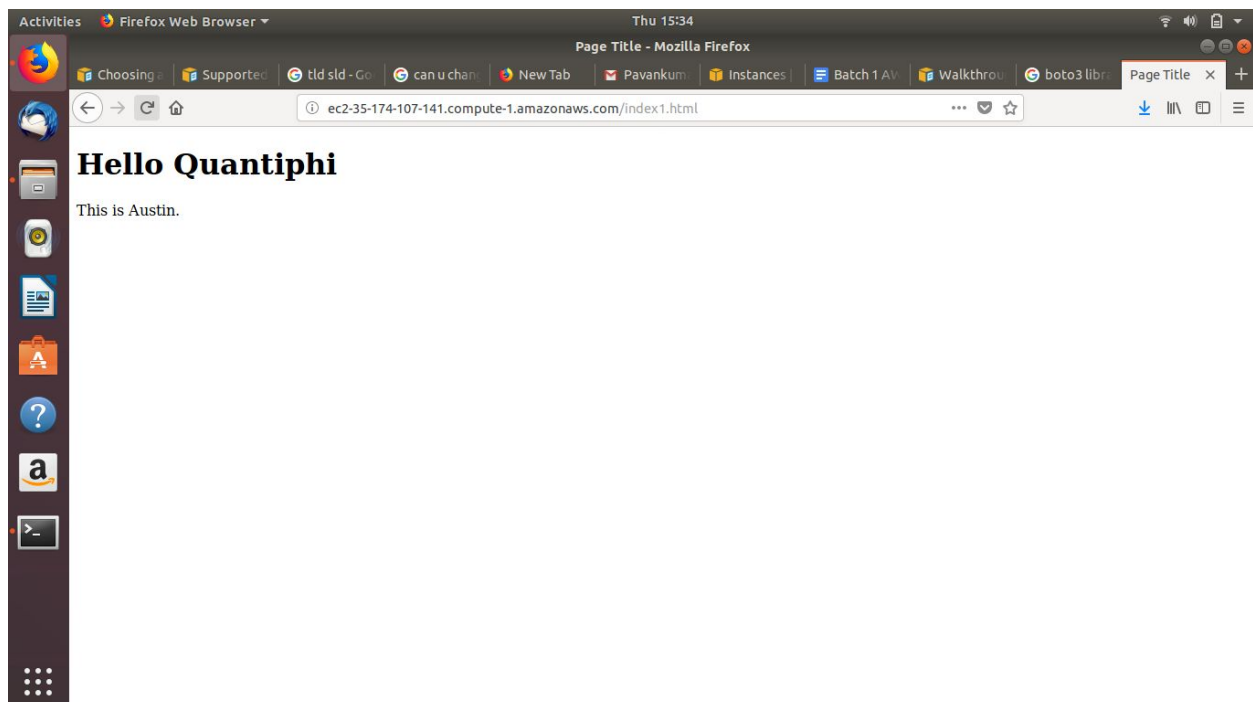
3. Change directory to /var/www/html and create your index.html file and use chown command to get root ownership



```
ubuntu@ip-172-31-86-22: /var/www/html
Enabling module dir.
Enabling module autoindex.
Enabling module env.
Enabling module mime.
Enabling module negotiation.
Enabling module setenvif.
Enabling module filter.
Enabling module deflate.
Enabling module status.
Enabling module reqtimeout.
Enabling conf charset.
Enabling conf localized-error-pages.
Enabling conf other-vhosts-access-log.
Enabling conf security.
Enabling conf serve-cgi-bin.
Enabling site 000-default.
Created symlink /etc/systemd/system/multi-user.target.wants/apache2.service → /lib/systemd/system/apache2.service.
Created symlink /etc/systemd/system/multi-user.target.wants/apache-htcacheclean.service → /lib/systemd/system/apache-htcacheclean.service.
Processing triggers for libc-bin (2.27-3ubuntu1) ...
Processing triggers for ureadahead (0.100.0-21) ...
Processing triggers for systemd (237-3ubuntu10.21) ...
Processing triggers for ufw (0.36-0ubuntu0.18.04.1) ...
ubuntu@ip-172-31-86-22:~$ ls
ubuntu@ip-172-31-86-22:~$ sudo service apache2 start
ubuntu@ip-172-31-86-22:~$ ls
ubuntu@ip-172-31-86-22:~$ cd /var/www/html/
ubuntu@ip-172-31-86-22:/var/www/html$ ls
index.html
ubuntu@ip-172-31-86-22:/var/www/html$ nano index1.html
Use "fg" to return to nano.

[1]+  Stopped                  nano index1.html
ubuntu@ip-172-31-86-22:/var/www/html$ nano index1.html
ubuntu@ip-172-31-86-22:/var/www/html$ sudo chown -R $user:$user /var/html/
chown: cannot access '/var/html/': No such file or directory
ubuntu@ip-172-31-86-22:/var/www/html$ sudo chown -R $user:$user /var/www/html/
ubuntu@ip-172-31-86-22:/var/www/html$ sudo nano index1.html
ubuntu@ip-172-31-86-22:/var/www/html$
```

4. Check your output



5. Create your snapshot of your instance and save it another region. In this case I saved the snapshot in Oregon.

Activities Firefox Web Browser Thu 15:53

Snapshots | EC2 Management Console - Mozilla Firefox

Choosing Supported tld slid - Go can u chan New Tab Batch 1 AV Snapshot Batch 1 AV Walkthrou boto3 libr Page Title

https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#Snapshots:sort=snapshot...

aws Services Resource Groups

EC2 Dashboard  
Events  
Tags  
Reports  
Limits  
INSTANCES  
Instances  
Launch Templates  
Spot Requests  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations  
IMAGES  
AMIs  
Bundle Tasks  
ELASTIC BLOCK STORE  
Volumes  
Snapshots

Create Snapshot Actions

Owned By Me Filter by tags and attributes or search by keyword 1 to 10 of 10

Name	Snapshot ID	Size	Description	Status	Started
Austin_ques...	snap-008fb3f0e808e...	8 GiB		completed	June 13, 2019 at 8
	snap-01484d67451d...	8 GiB	Nayan_Sethia_Instance	completed	June 7, 2019 at 2
	snap-0427891b900f...	8 GiB	Created by CreateImage(i-0f205f2b3c1edbf5) for ami-0892ac7...	completed	May 23, 2019 at 1
	snap-04ef75aae7d2...	8 GiB	[Copied snap-0a1e363a97e7c001e from us-east-2] Instance sn...	completed	June 13, 2019 at 8
	snap-07c98c3df7e0...	8 GiB	Created by CreateImage(i-07b9306e32d3f37e7) for ami-01df0dc...	completed	June 7, 2019 at 2
FresherPE_...	snap-08500c055b43...	8 GiB		completed	June 13, 2019 at 8
	snap-097aa501a2f9...	8 GiB	Apache Service Snapshot	completed	June 7, 2019 at 1
	snap-0c866cae7898...	8 GiB	kavish Instance	completed	June 7, 2019 at 1
Akash-snap1	snap-0cd04245810a...	8 GiB	question1_sanpshot	completed	June 13, 2019 at 3

Snapshot: snap-008fb3f0e808e8472 (Austin\_ques1\_snap)

Description Permissions Tags

Add/Edit Tags

https://console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchTemplates: © 2008 - 2019, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use

6.Change region to where you planned to save your snapshot and you will find your snapshot

Activities Firefox Web Browser Thu 15:47

Snapshots | EC2 Management Console - Mozilla Firefox

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https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Snapshots:sort=...

aws Services Resource Groups

EC2 Dashboard  
Events  
Tags  
Reports  
Limits  
INSTANCES  
Instances  
Launch Templates  
Spot Requests  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations  
IMAGES  
AMIs  
Bundle Tasks  
ELASTIC BLOCK STORE  
Volumes  
Snapshots

Create Snapshot Actions

Owned By Me Filter by tags and attributes or search by keyword 1 to 2 of 2

Name	Snapshot ID	Size	Description	Status	Started
	snap-02d8f566e4ac...	8 GiB	[Copied snap-0cd04245810a1816a from us-east-1] question1_s...	completed	June 13, 2019 at 3
	snap-0b550caf44d3...	8 GiB	[Copied snap-008fb3f0e808e8472 from us-east-1]	completed	June 13, 2019 at 3

Select a snapshot above

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#Volumes: © 2008 - 2019, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Policy Terms of Use