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Coursera - Use Docker at AWS with the Command Line

Generated on December 16, 2023

Summary

Notes

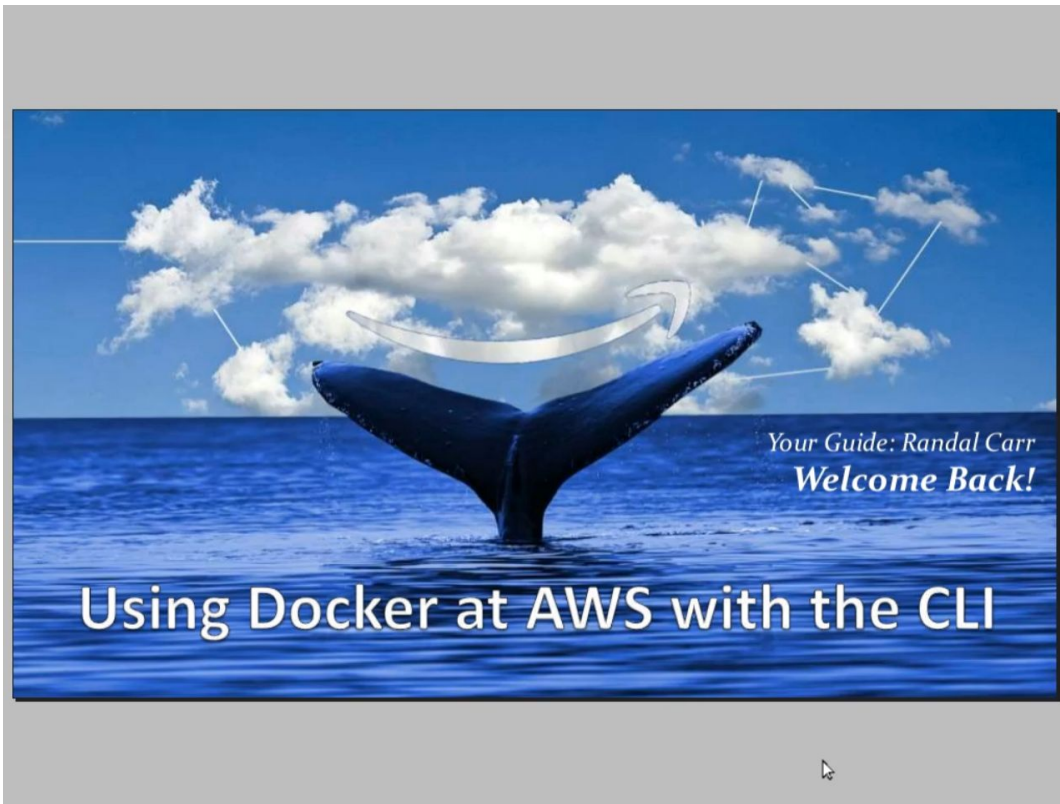
Screenshots

Bookmarks

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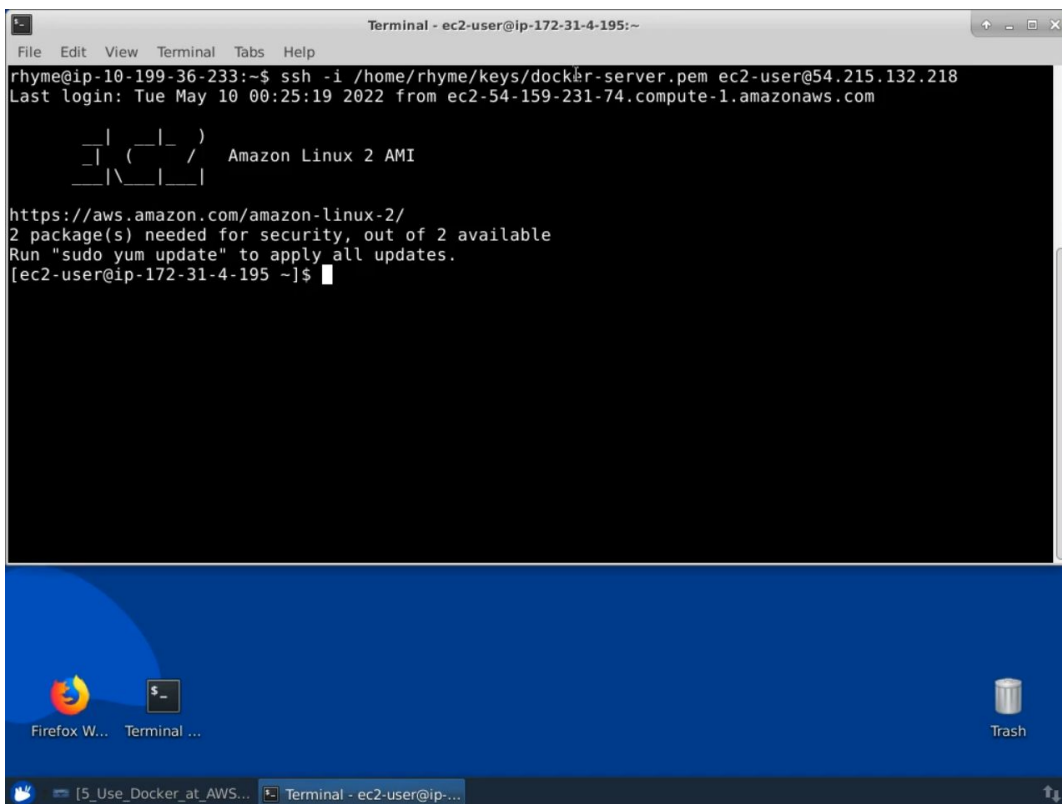


 0:07

Task 4: Overview

- Connect to the Linux server with the command line
- Manage Docker images (pull, list and remove)

▶ 0:20



```
Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
rhyme@ip-10-199-36-233:~$ ssh -i /home/rhyme/keys/docker-server.pem ec2-user@54.215.132.218
Last login: Tue May 10 00:25:19 2022 from ec2-54-159-231-74.compute-1.amazonaws.com

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Amazon Linux 2 AMI

https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 2 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-4-195 ~]$
```

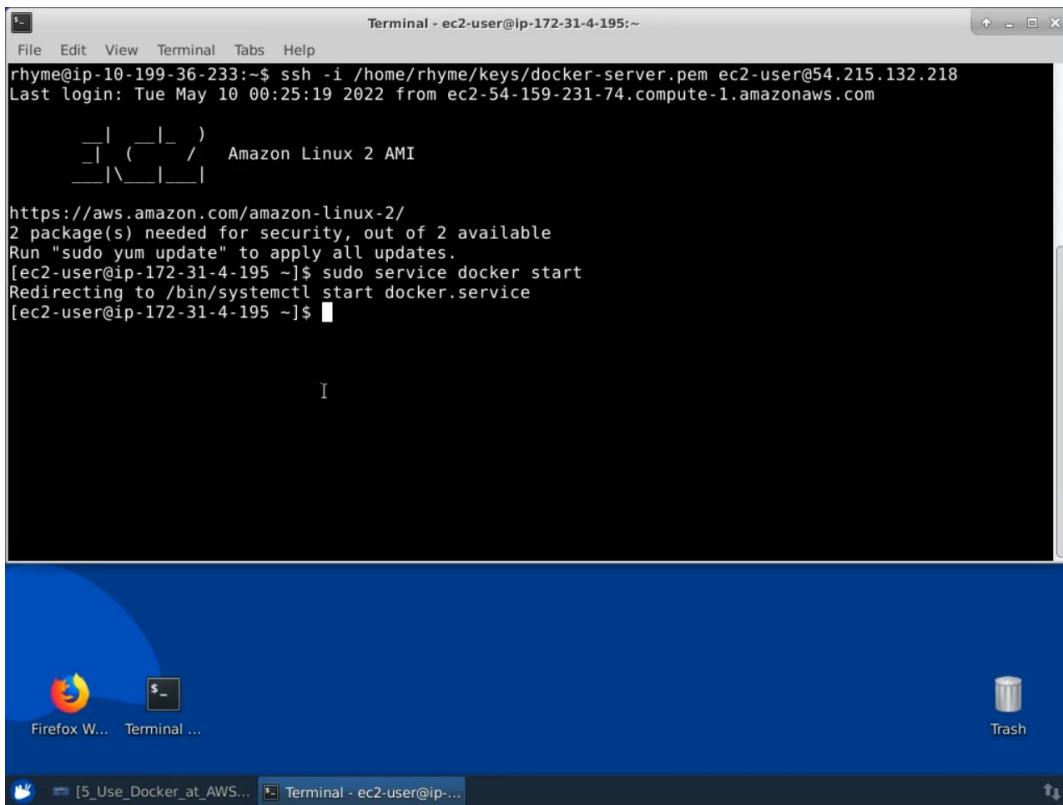
The screenshot shows a terminal window titled "Terminal - ec2-user@ip-172-31-4-195:~". The terminal displays the output of an SSH command executed from a local machine. The command is `ssh -i /home/rhyme/keys/docker-server.pem ec2-user@54.215.132.218`. The terminal shows the last login time as "Tue May 10 00:25:19 2022 from ec2-54-159-231-74.compute-1.amazonaws.com". Below the login message, the Amazon Linux 2 AMI logo is displayed, followed by the URL <https://aws.amazon.com/amazon-linux-2/>. The terminal also shows a security update notification: "2 package(s) needed for security, out of 2 available. Run 'sudo yum update' to apply all updates." The prompt is `[ec2-user@ip-172-31-4-195 ~]$`. The terminal window is part of a desktop environment with a blue background, a taskbar at the bottom, and icons for Firefox, Terminal, and Trash.

▶ 1:15

```
Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
rhyme@ip-10-199-36-233:~$ ssh -i /home/rhyme/keys/docker-server.pem ec2-user@54.215.132.218
Last login: Tue May 10 00:25:19 2022 from ec2-54-159-231-74.compute-1.amazonaws.com

  _ _ _ _ _
 _ | ( _ | /   Amazon Linux 2 AMI
 _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 2 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-4-195 ~]$ sudo service docker start
Redirecting to /bin/systemctl start docker.service
[ec2-user@ip-172-31-4-195 ~]$
```

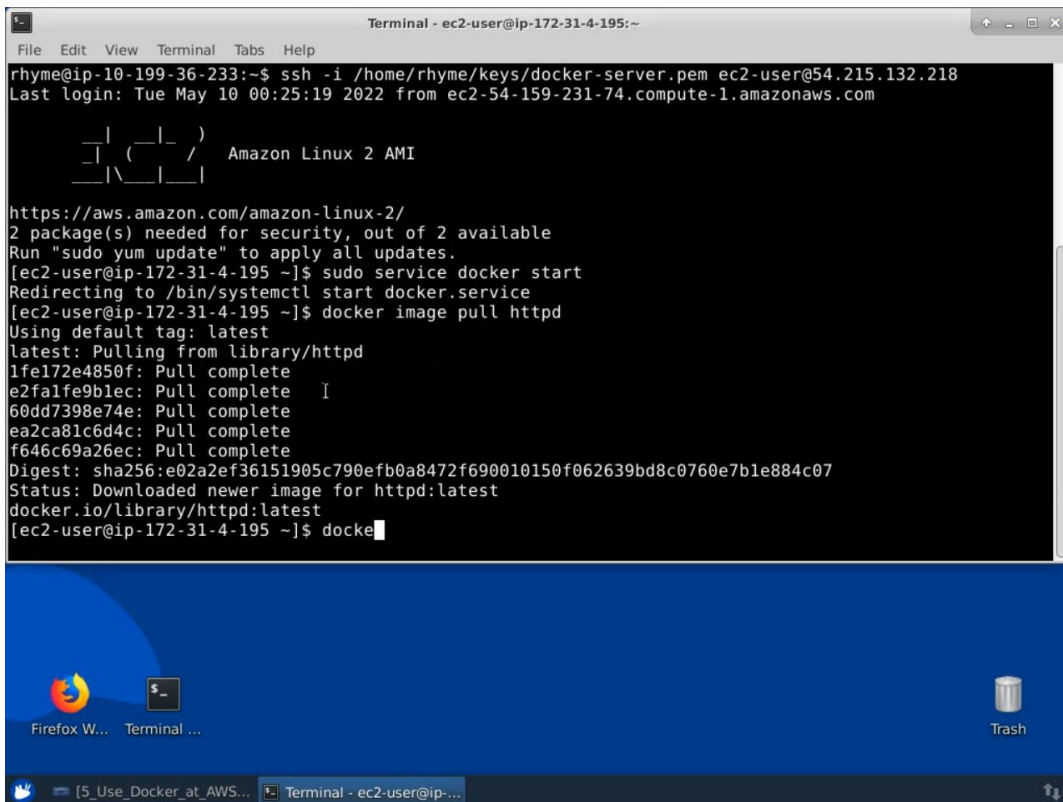


▶ 1:42

```
Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
rhyme@ip-10-199-36-233:~$ ssh -i /home/rhyme/keys/docker-server.pem ec2-user@54.215.132.218
Last login: Tue May 10 00:25:19 2022 from ec2-54-159-231-74.compute-1.amazonaws.com

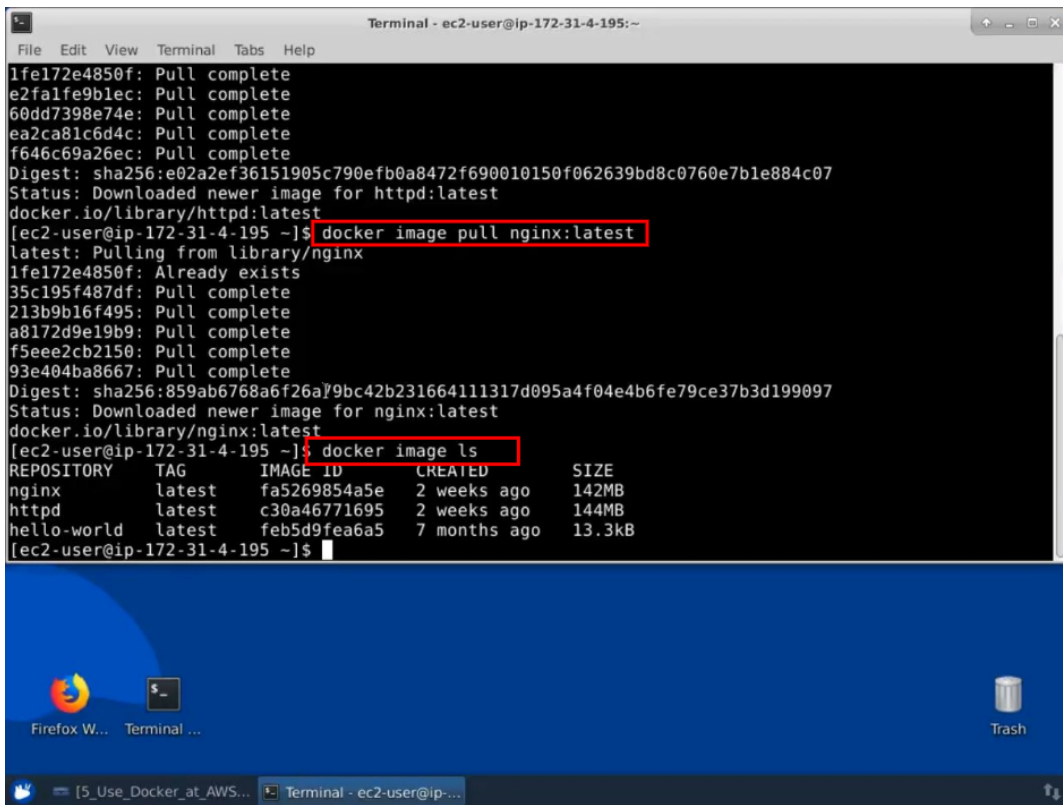
  _ _ _ _ _
 _ | ( _ | /   Amazon Linux 2 AMI
 _ | \ _ | _ |

https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 2 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-4-195 ~]$ sudo service docker start
Redirecting to /bin/systemctl start docker.service
[ec2-user@ip-172-31-4-195 ~]$ docker image pull httpd
Using default tag: latest
latest: Pulling from library/httpd
1fe172e4850f: Pull complete
e2fa1fe9b1ec: Pull complete
60dd7398e74e: Pull complete
ea2ca81c6d4c: Pull complete
f646c69a26ec: Pull complete
Digest: sha256:e02a2ef36151905c790efb0a8472f690010150f062639bd8c0760e7b1e884c07
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest
[ec2-user@ip-172-31-4-195 ~]$ docke
```



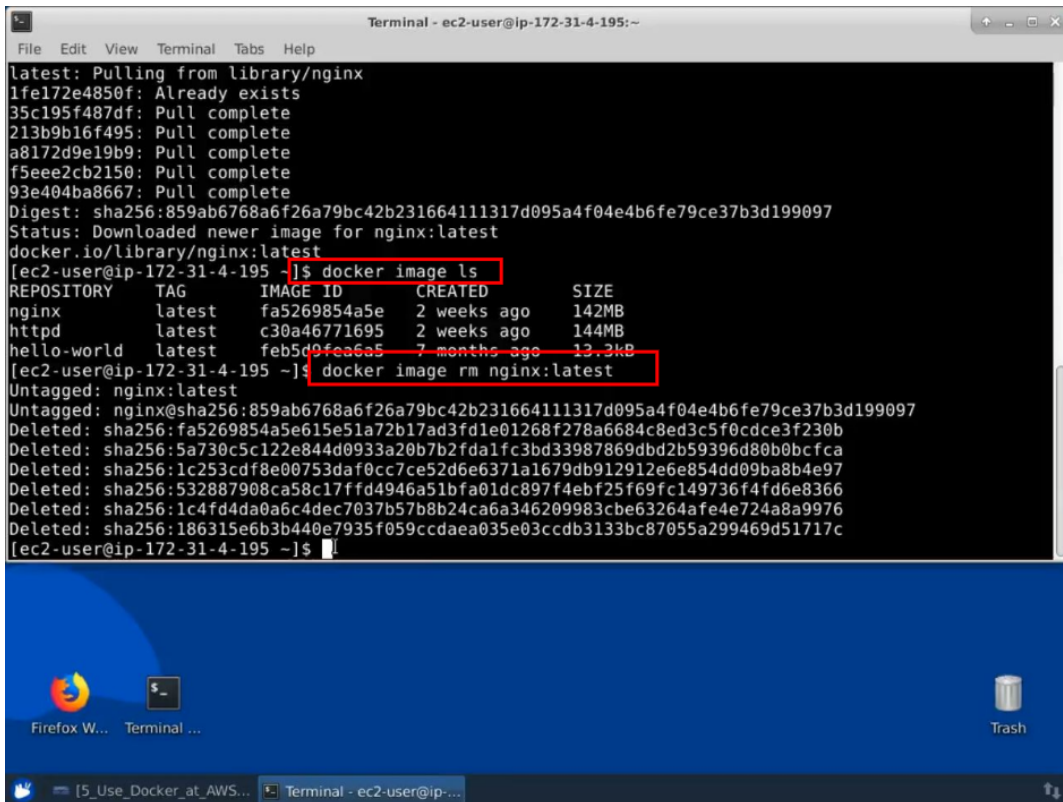
▶ 2:02

```
Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
1fe172e4850f: Pull complete
e2fa1fe9b1ec: Pull complete
60dd7398e74e: Pull complete
ea2ca81c6d4c: Pull complete
f646c69a26ec: Pull complete
Digest: sha256:e02a2ef36151905c790efb0a8472f690010150f062639bd8c0760e7b1e884c07
Status: Downloaded newer image for httpd:latest
docker.io/library/httpd:latest
[ec2-user@ip-172-31-4-195 ~]$ docker image pull nginx:latest
latest: Pulling from library/nginx
1fe172e4850f: Already exists
35c195f487df: Pull complete
213b9b16f495: Pull complete
a8172d9e19b9: Pull complete
f5eee2cb2150: Pull complete
93e404ba8667: Pull complete
Digest: sha256:859ab6768a6f26a79bc42b231664111317d095a4f04e4b6fe79ce37b3d199097
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
[ec2-user@ip-172-31-4-195 ~]$ docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nginx                latest          fa5269854a5e   2 weeks ago    142MB
httpd                latest          c30a46771695   2 weeks ago    144MB
hello-world          latest          feb5d9fea6a5    7 months ago   13.3kB
[ec2-user@ip-172-31-4-195 ~]$
```



2:28

```
Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
latest: Pulling from library/nginx
1fe172e4850f: Already exists
35c195f487df: Pull complete
213b9b16f495: Pull complete
a8172d9e19b9: Pull complete
f5eee2cb2150: Pull complete
93e404ba8667: Pull complete
Digest: sha256:859ab6768a6f26a79bc42b231664111317d095a4f04e4b6fe79ce37b3d199097
Status: Downloaded newer image for nginx:latest
docker.io/library/nginx:latest
[ec2-user@ip-172-31-4-195 ~]$ docker image ls
REPOSITORY          TAG             IMAGE ID        CREATED         SIZE
nginx                latest          fa5269854a5e   2 weeks ago    142MB
httpd                latest          c30a46771695   2 weeks ago    144MB
hello-world          latest          feb5d9fea6a5    7 months ago   13.3kB
[ec2-user@ip-172-31-4-195 ~]$ docker image rm nginx:latest
Untagged: nginx:latest
Untagged: nginx@sha256:859ab6768a6f26a79bc42b231664111317d095a4f04e4b6fe79ce37b3d199097
Deleted: sha256:fa5269854a5e615e51a72b17ad3fd1e01268f278a6684c8ed3c5f0cdce3f230b
Deleted: sha256:5a730c5c122e844d0933a20b7b2fda1fc3bd33987869dbd2b59396d80b0bcfca
Deleted: sha256:1c253cdf8e00753daf0cc7ce52d6e6371a1679db912912e6e854dd09ba8b4e97
Deleted: sha256:532887908ca58c17ffd4946a51bfa01dc897f4ebf25f69fc149736f4fd6e8366
Deleted: sha256:1c4fd4da0a6c4dec7037b57b8b24ca6a346209983cbe63264afe4e724a8a9976
Deleted: sha256:186315e6b3b440e7935f059ccdaea035e03ccdb3133bc87055a299469d51717c
[ec2-user@ip-172-31-4-195 ~]$
```



2:54