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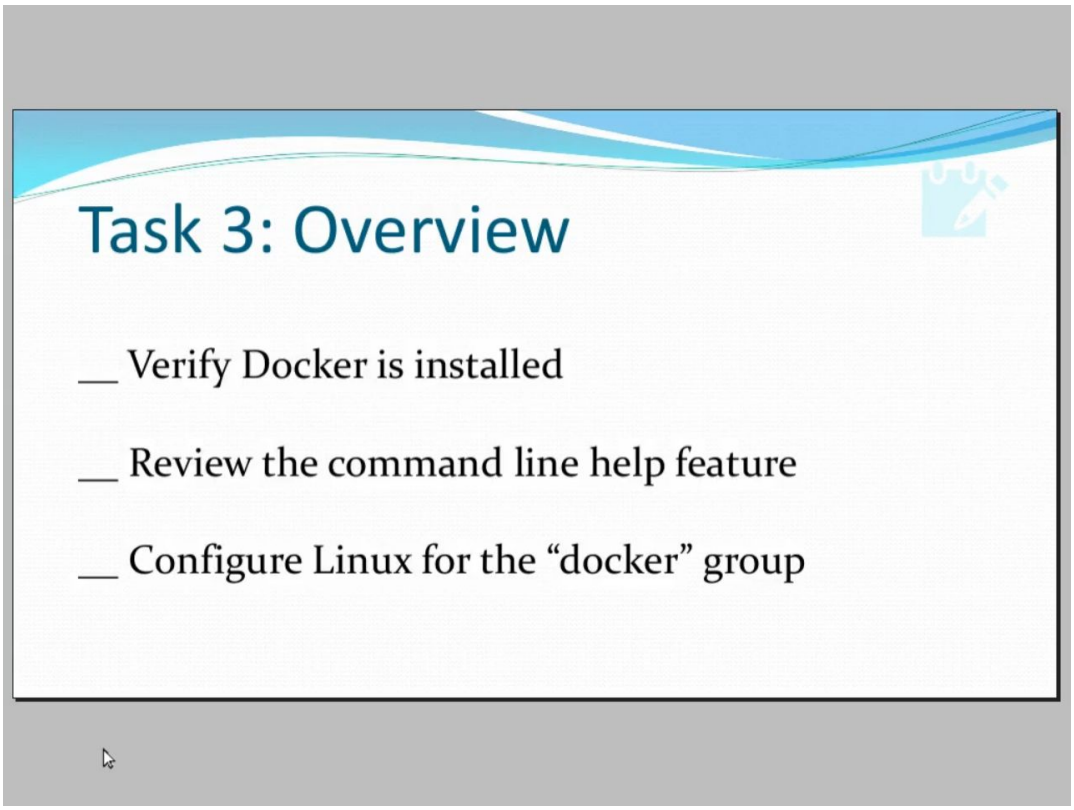
Coursera - Use Docker at AWS with the Command Line

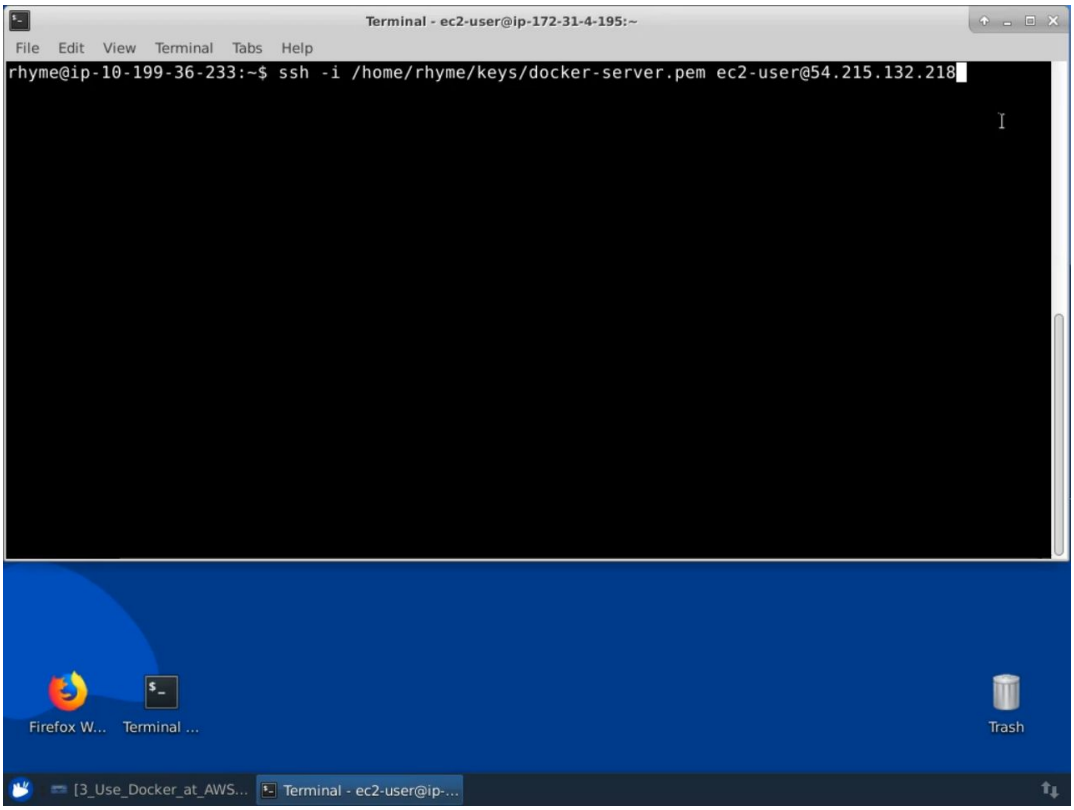
Generated on December 16, 2023

Summary

Notes	Screenshots	Bookmarks
4	8	0



0:23



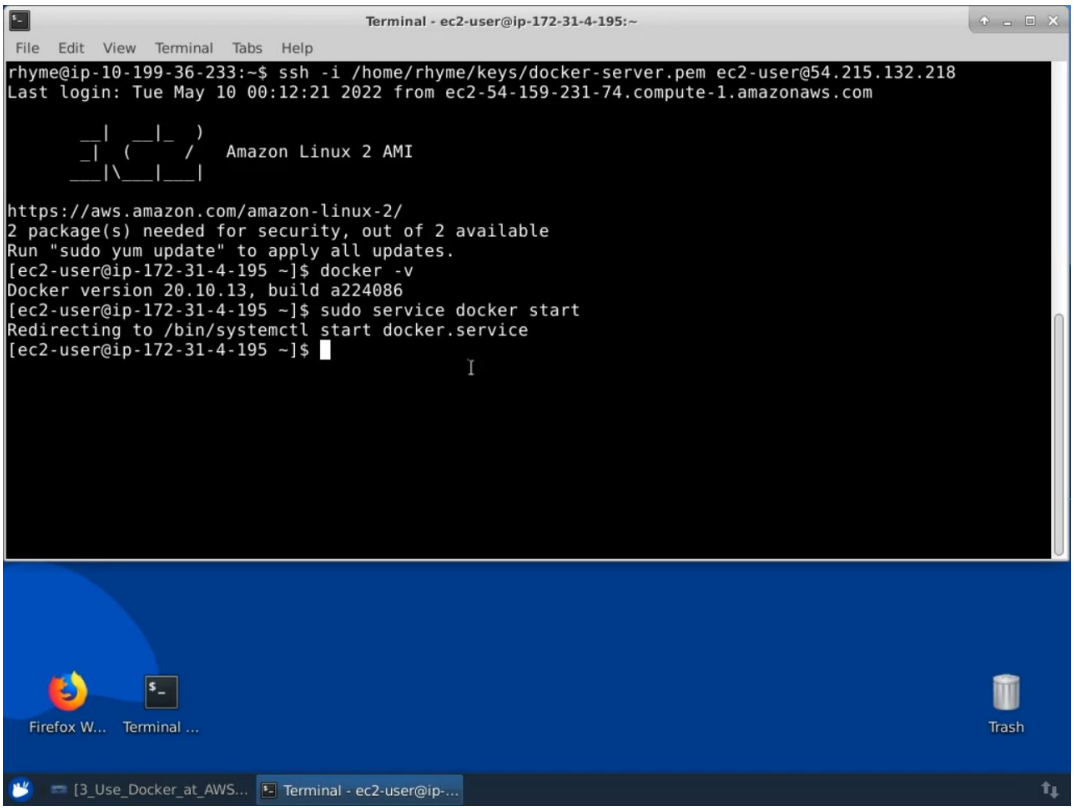
0:55

connecting with the ec2 user

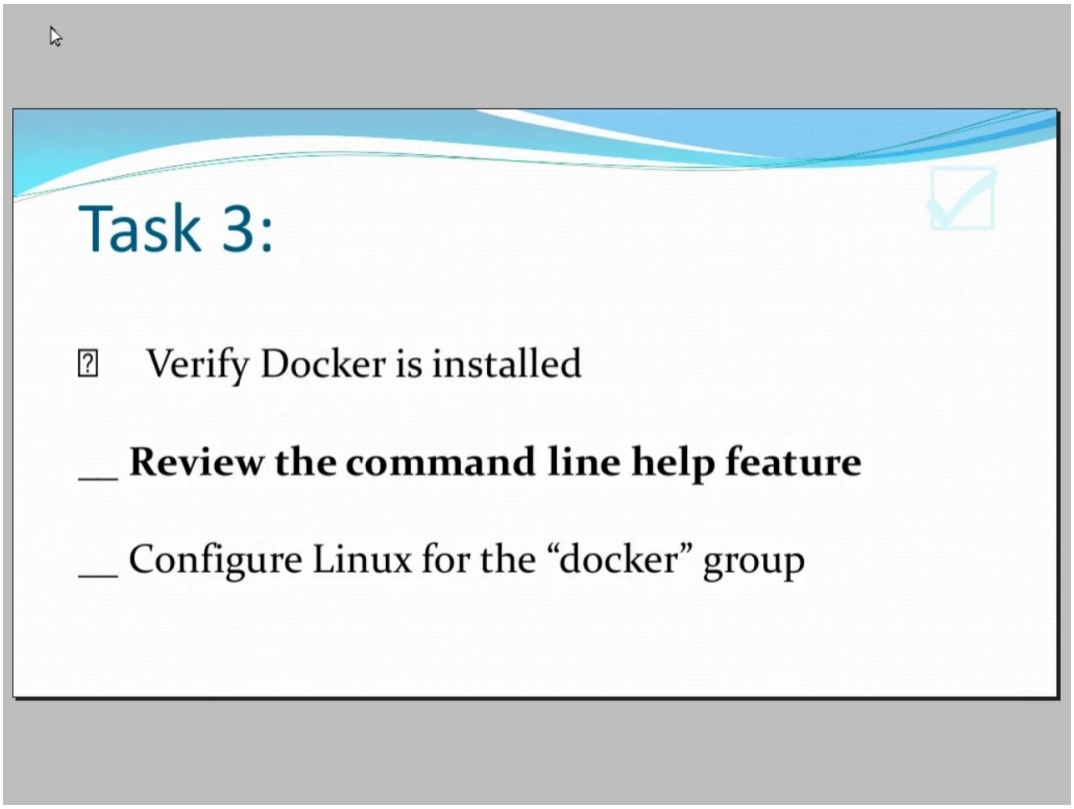
0:56

task 1 completed docker install successfully

1:38



1:38



1:40

use docker - -help for the commands usage

2:15

for specific you can use

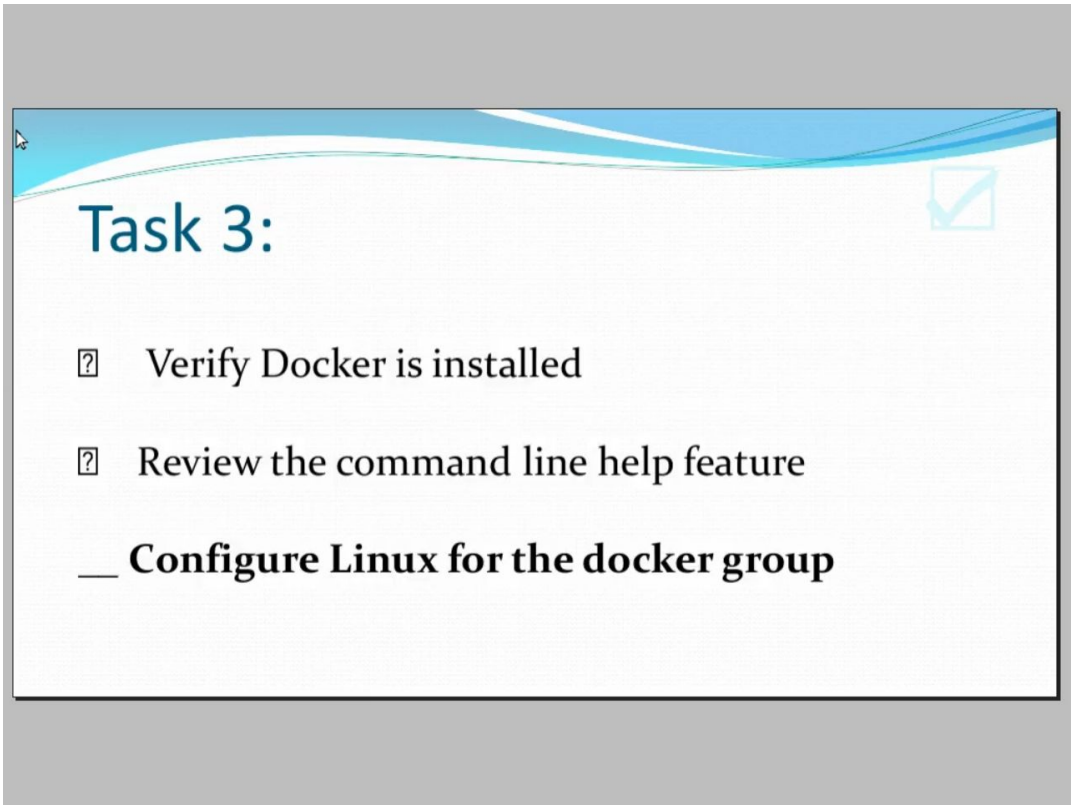
docker container - -help

….

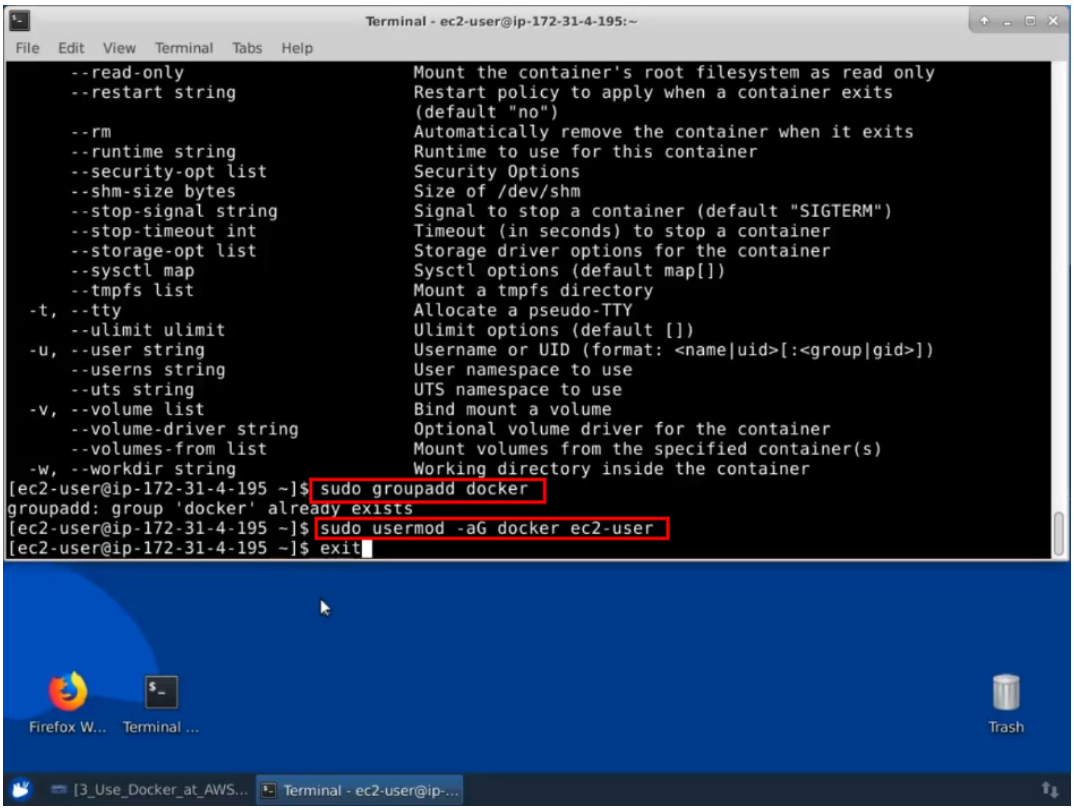
for more specific use

docker container create - -help

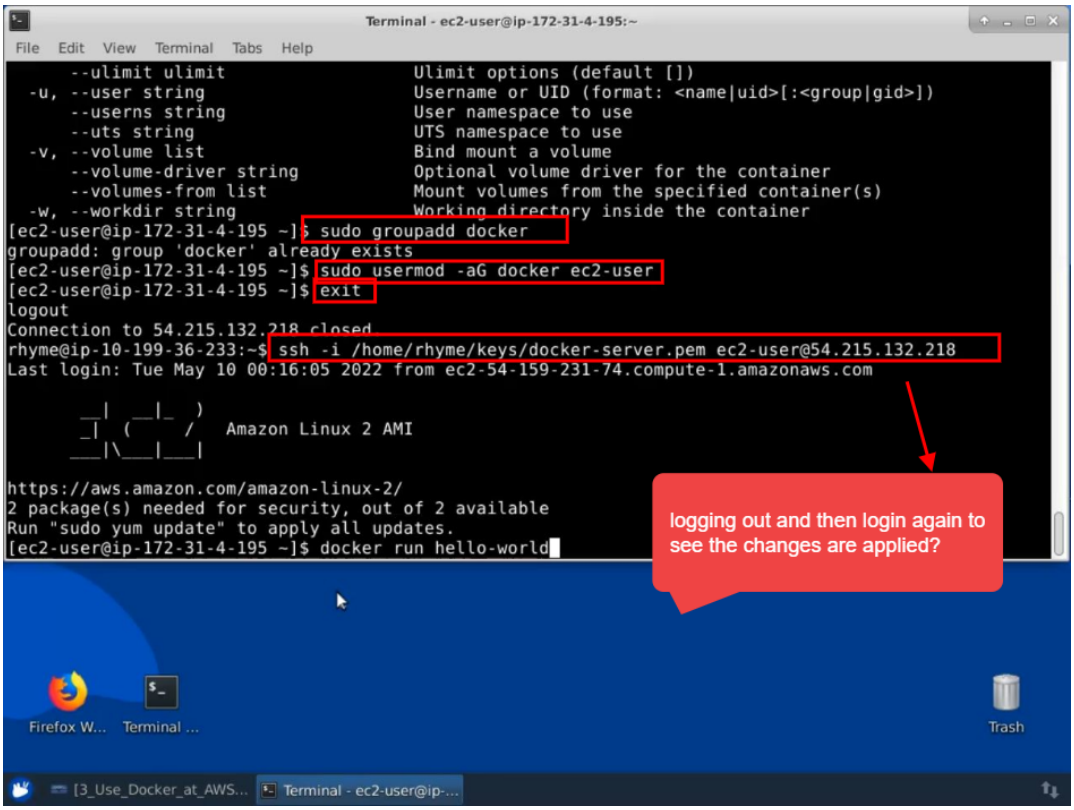
2:38



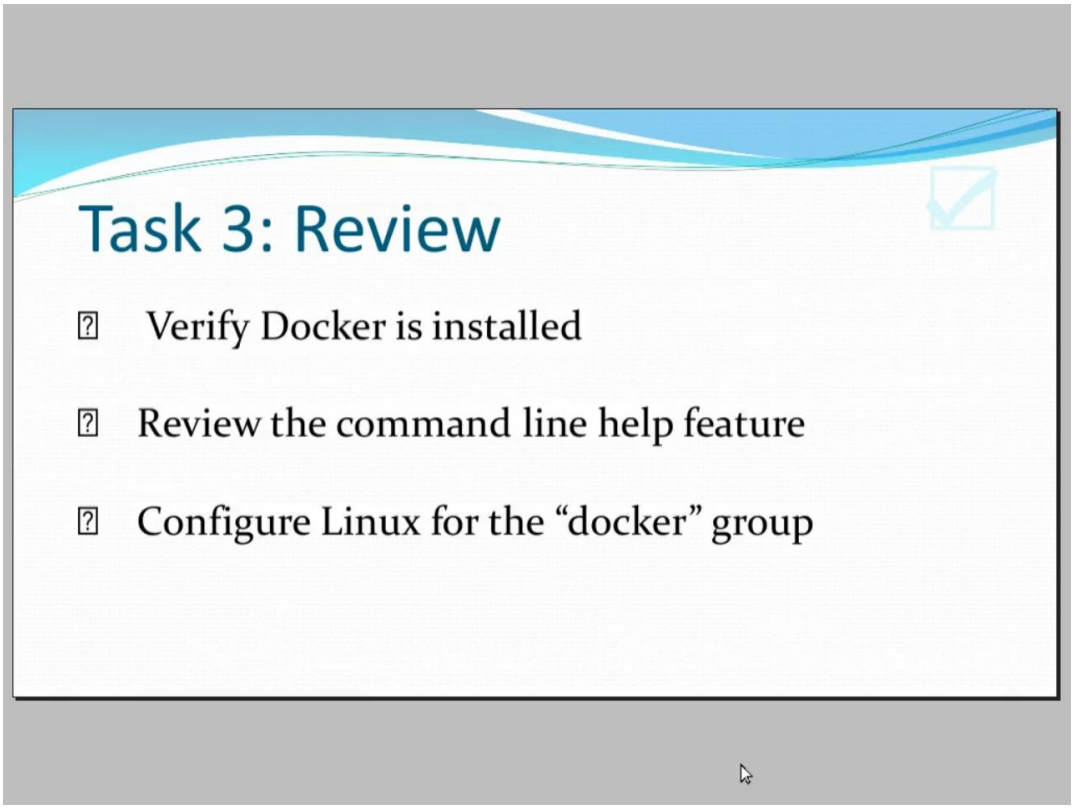
2:52


Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
--read-only Mount the container's root filesystem as read only
--restart string Restart policy to apply when a container exits
(default "no")
--rm Automatically remove the container when it exits
--runtime string Runtime to use for this container
--security-opt list Security Options
--shm-size bytes Size of /dev/shm
--stop-signal string Signal to stop a container (default "SIGTERM")
--stop-timeout int Timeout (in seconds) to stop a container
--storage-opt list Storage driver options for the container
--sysctl map Sysctl options (default map[])
--tmpfs list Mount a tmpfs directory
-t, --tty Allocate a pseudo-TTY
--ulimit ulimit Ulimit options (default [])
-u, --user string Username or UID (format: <name|uid>[:<group|gid>])
--userns string User namespace to use
--uts string UTS namespace to use
-v, --volume list Bind mount a volume
--volume-driver string Optional volume driver for the container
--volumes-from list Mount volumes from the specified container(s)
-w, --workdir string Working directory inside the container
[ec2-user@ip-172-31-4-195 ~]$ sudo groupadd docker
groupadd: group 'docker' already exists
[ec2-user@ip-172-31-4-195 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-4-195 ~]$ exit
Firefox W...
Terminal ...
Trash
[3_Use_Docker_at_AWS...
Terminal - ec2-user@ip-...

▷ 3:51


Terminal - ec2-user@ip-172-31-4-195:~
File Edit View Terminal Tabs Help
--ulimit ulimit Ulimit options (default [])
-u, --user string Username or UID (format: <name|uid>[:<group|gid>])
--userns string User namespace to use
--uts string UTS namespace to use
-v, --volume list Bind mount a volume
--volume-driver string Optional volume driver for the container
--volumes-from list Mount volumes from the specified container(s)
-w, --workdir string Working directory inside the container
[ec2-user@ip-172-31-4-195 ~]$ sudo groupadd docker
groupadd: group 'docker' already exists
[ec2-user@ip-172-31-4-195 ~]$ sudo usermod -aG docker ec2-user
[ec2-user@ip-172-31-4-195 ~]$ exit
logout
Connection to 54.215.132.218 closed
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 00:16:05 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 ~]$ docker run hello-world
logging out and then login again to see the changes are applied?
Firefox W...
Terminal ...
Trash
[3_Use_Docker_at_AWS...
Terminal - ec2-user@ip-...

▷ 4:29


Task 3: Review
Verify Docker is installed
Review the command line help feature
Configure Linux for the “docker” group

4:53