

Activity 3: Troubleshoot Creating an EC2 Instance Using the AWS CLI

Spurthy Mutturaj

Information Technology, Arizona State University

IFT 562: Cloud Security & Operations for IT

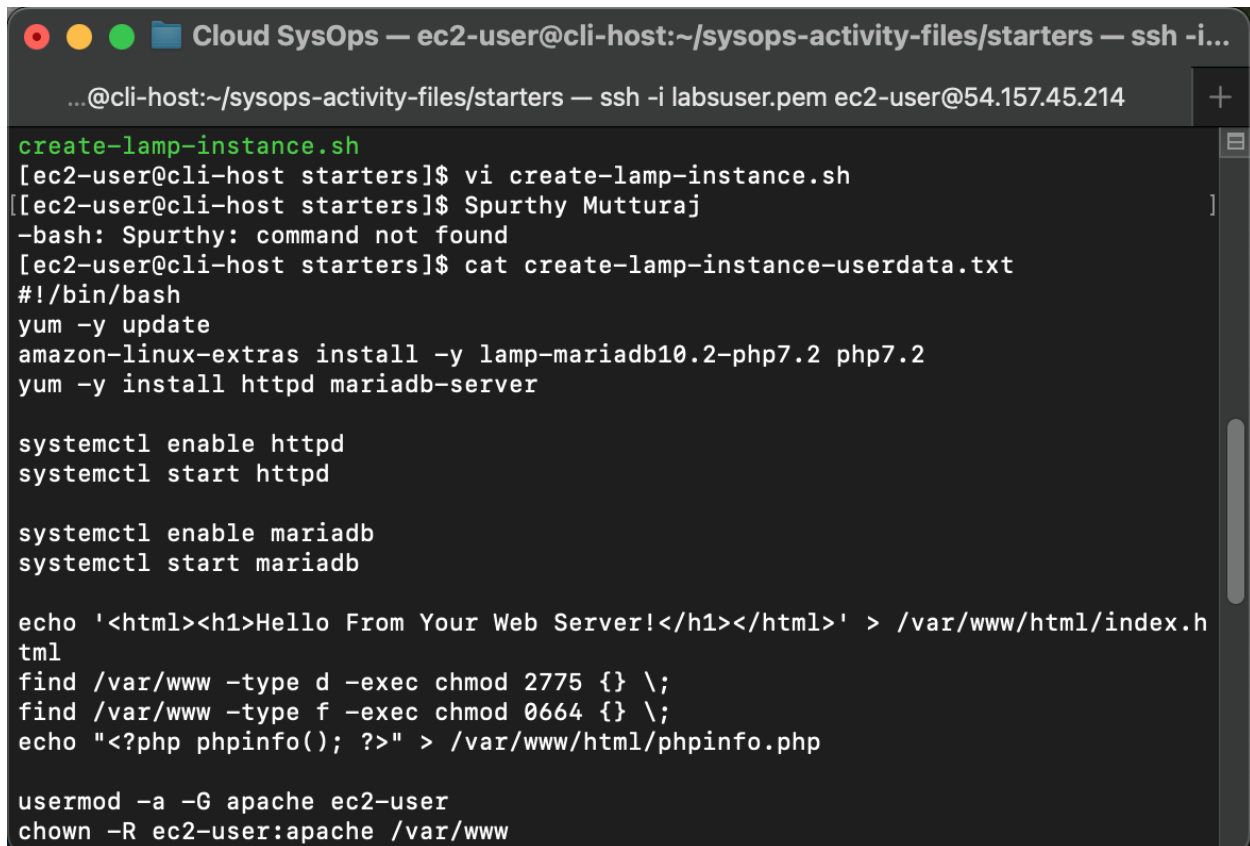
Daniel Wells

Sep 3, 2023

Activity 3 - Troubleshoot Creating an EC2 Instance Using the AWS CLI

Figure 1

A screenshot contents of user-data file



```
create-lamp-instance.sh
[ec2-user@cli-host starters]$ vi create-lamp-instance.sh
[ec2-user@cli-host starters]$ Spurthy Mutturaj
-bash: Spurthy: command not found
[ec2-user@cli-host starters]$ cat create-lamp-instance-userdata.txt
#!/bin/bash
yum -y update
amazon-linux-extras install -y lamp-mariadb10.2-php7.2 php7.2
yum -y install httpd mariadb-server

systemctl enable httpd
systemctl start httpd

systemctl enable mariadb
systemctl start mariadb

echo '<html><h1>Hello From Your Web Server!</h1></html>' > /var/www/html/index.html
find /var/www -type d -exec chmod 2775 {} \;
find /var/www -type f -exec chmod 0664 {} \;
echo "<?php phpinfo(); ?>" > /var/www/html/phpinfo.php

usermod -a -G apache ec2-user
chown -R ec2-user:apache /var/www
```

Figure 2

Screenshot of tail command on the cloud-init-output.log.

```
Nmap done: 1 IP address (1 host up) scanned in 4.84 seconds
[ec2-user@web-server ~]$ Spurthy Mutturaj
-bash: Spurthy: command not found
[ec2-user@web-server ~]$ sudo tail -f /var/log/cloud-init-output.log
mompopcafe/css/menu.css

Set Root Password script completed.
Please check the set-root-password.log file to verify successful execution.

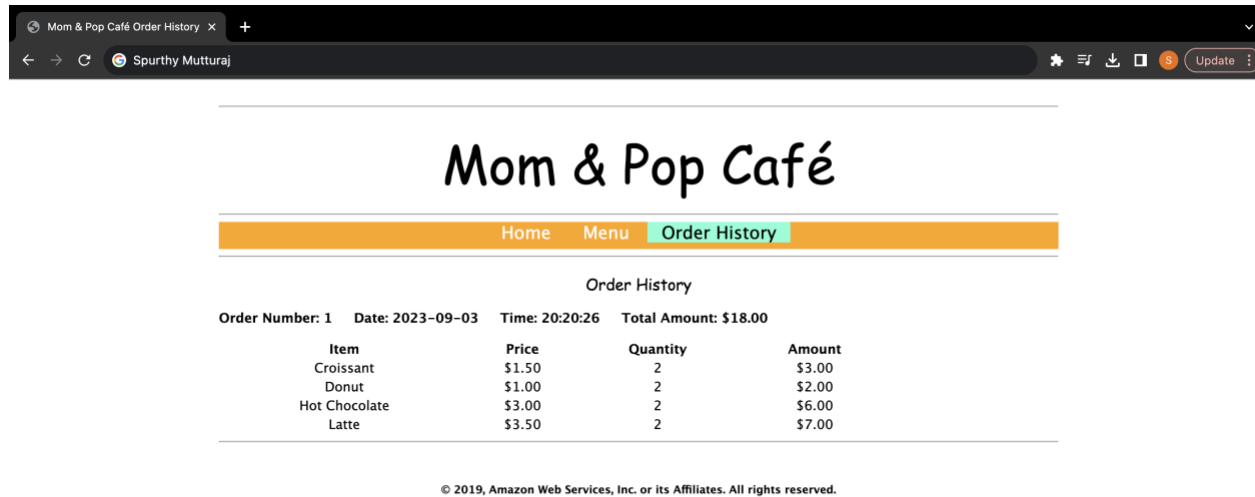
Create Database script completed.
Please check the create-db.log file to verify successful execution.

Cloud-init v. 19.3-46.amzn2.0.1 finished at Mon, 04 Sep 2023 00:12:55 +0000. Datasource DataSourceEc2. Up 74.57 seconds

^C
[ec2-user@web-server ~]$ Spurthy Mutturaj
-bash: Spurthy: command not found
[ec2-user@web-server ~]$
```

Figure 3

Screenshot of order history page showing 1 order



Mom & Pop Café Order History

Mom & Pop Café

Home Menu **Order History**

Order History

Order Number: 1 Date: 2023-09-03 Time: 20:20:26 Total Amount: \$18.00

Item	Price	Quantity	Amount
Croissant	\$1.50	2	\$3.00
Donut	\$1.00	2	\$2.00
Hot Chocolate	\$3.00	2	\$6.00
Latte	\$3.50	2	\$7.00

© 2019, Amazon Web Services, Inc. or its Affiliates. All rights reserved.