[aytanasadova/AWS-developer-intensive-course (github.com)](https://github.com/aytanasadova/AWS-developer-intensive-course)

Creating instance (**Application and OS Images (Amazon Machine Image))**

Graphical user interface, application

Description automatically generated

Creating instance (**Instance type)**

Graphical user interface, text, application, email

Description automatically generated

Creating instance (Creating instance (**Instance type))**

**Graphical user interface, application, Teams

Description automatically generated**

Creating instance (Network settings )

Graphical user interface, text, application, email

Description automatically generated

Creating instance (Advanced details)

Graphical user interface, text, application, email

Description automatically generated

**After user-data effect**

Graphical user interface, text, application, chat or text message

Description automatically generated

**Connect to instance**

Text

Description automatically generated

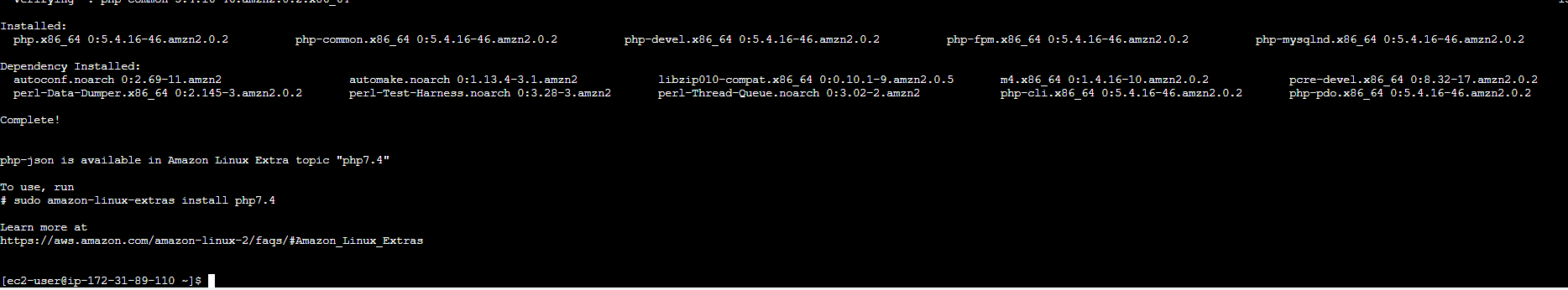
To prepare the LAMP server

Graphical user interface, text, application, email

Description automatically generated

Text

Description automatically generated



Command: sudo amazon-linux-extras install -y lamp-mariadb10.2-php7.2 php7.2

Text

Description automatically generated

To see version of Amazon Linux :

Text

Description automatically generated with medium confidence

Command :[ec2-user ~]$ **sudo yum install -y httpd mariadb-server**

A picture containing graphical user interface

Description automatically generated

Test your web server. In a web browser, type the public DNS address (or the public IP address) of your instance. If there is no content in /var/www/html, you should see the Apache test page.

Text

Description automatically generated with medium confidence

To set file permissions

1. Add your user (in this case, ec2-user) to the apache group.

A screenshot of a computer

Description automatically generated

Graphical user interface, text

Description automatically generated

Change the group ownership of /var/www and its contents to the apache group.

1. *sudo chown -R ec2-user:apache /var/www*
2. *sudo chmod 2775 /var/www && find /var/www -type d -exec sudo chmod 2775 {} \;*
3. find /var/www -type f -exec sudo chmod 0664 {} \;

Now, ec2-user (and any future members of the apache group) can add, delete, and edit files in the Apache document root, enabling you to add content, such as a static website or a PHP application.

Graphical user interface, application, table

Description automatically generated

Secure the database server

Text

Description automatically generated

1. (Optional) If you do not plan to use the MariaDB server right away, stop it. You can restart it when you need it again.

[ec2-user ~]$ **sudo systemctl stop mariadb**

1. (Optional) If you want the MariaDB server to start at every boot, type the following command.

[ec2-user ~]$ **sudo systemctl enable mariadb**

 (Optional) Install phpMyAdmin

Graphical user interface, text, application, email

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[ec2-user ~]$ **sudo systemctl is-enabled httpd**

Mount additional data volume usable:

Text

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