**How to Install OpenJDK JAVA 11 in Ubuntu**

Prerequisites:

1.An Ubuntu 20.04 server with 4GB RAM and 2 CPUs set up with a non-root sudo user. You can achieve this by following the Initial Server Setup with Ubuntu 20.04

2.OpenJDK 11 installed

Step 1 – Search OpenJDK Packages

sudo apt-cache search openjdk

Step 2 – Install JAVA (OpenJDK)

sudo apt-get install openjdk-11-jre openjdk-11-jdk

Step 3 – Configure Default Java Version

java -version

Step 4 – Set JAVA\_HOME

open /etc/environment file and add below code :

JAVA\_HOME=/usr/lib/jvm/java-11-openjdk-amd64/

after check below command :

echo $JAVA\_HOME

**Installing and Configuring Elasticsearch**

Step 1 — Installing and Configuring Elasticsearch

curl -fsSL https://artifacts.elastic.co/GPG-KEY-elasticsearch | sudo apt-key add -

echo "deb https://artifacts.elastic.co/packages/7.x/apt stable main" | sudo tee -a /etc/apt/sources.list.d/elastic-7.x.list

sudo apt-get update

sudo apt install elasticsearch

Step 2 — Configuring Elasticsearch :

Edit You  /etc/elasticsearch/elasticsearch.yml

cluster.name: my-application

node.name: magecomp4

network.publish\_host: localhost

discovery.seed\_hosts: []

network.host: 127.0.0.1

http.port: 9200

cluster.initial\_master\_nodes: 127.0.0.1

Step  3 - check Elasticsearch

Vesrion Check : curl -XGET 'http://localhost:9200'

curl http://localhost:9200/\_cluster/health?pretty

curl -X GET -H "Content-Type: application/json" 'http://127.0.0.1:9200/tutorial/helloworld/1?pretty'

**How To install Magento 2.4.0**

**Magento 2.4 technology stack requirements:**

 Linux distributions, such as RedHat Enterprise Linux (RHEL), CentOS, Ubuntu, Debian, and similar. Magento may not work properly With:

-- Windows OS

-- Mac OS

 Memory requirement

-- Minimum Up to 2GB of RAM

 Composer (latest stable version)

  --  1.10.9

 Web servers

Apache 2.4

nginx 1.x

 Database

-- MySQL 8.0 or greater

-- MariaDB 10.4 Magento Commerce Cloud projects

 PHP

-- 7.4.0 or greater(it may work with 7.3 but not fully tested)

 Required PHP extensions

-- bcmath

-- ctype

-- curl

-- dom

-- gd

-- hash

-- iconv

-- intl

-- mbstring

-- openssl

-- pdo\_mysql

-- simplexml

-- soap

-- xsl

-- zip

-- libxml

 Elasticsearch

-- Magento supports Elasticsearch 7.6.x or greater

 Mail server

-- Mail Transfer Agent (MTA) or an SMTP server

 Technologies Magento can use (Extra)

-- Redis version 5.0 is recommended and used in testing for page caching and session storage

-- Varnish version 6.x (tested with 6.3.1)

-- RabbitMQ 3.8.x

 Check Version of required setup before Installation:

 check composer version : composer

 check php version : php -v

 check mysql version    : mysql -V

 Check Elasticsearch Version : curl -XGET 'http://localhost:9200'

**Steps on How to Install Magento 2.4.0 with Composer**

So before Start create the folder as the given directory

Path : /var/www/html/magento240

1. Install Composer

sudo curl -sS https://getcomposer.org/installer | php

1.1 Make Composer Globally Available

sudo mv composer.phar /usr/local/bin/composer

2. Download magento2.4.0 file:

composer create-project --repository-url=https://repo.magento.com/ magento/project-community-edition

3.Set Up Permissions :

sudo chmod -R 777 ./

4. Create The Database

echo "CREATE DATABASE magento240" | mysql -u root -p

5. Install Magento 2 :

php bin/magento setup:install --base-url="http://127.0.0.1/magento240/" --db-host="localhost" --db-name="magento240" --db-user="root" --db-password="2014" --admin-firstname="mage" --admin-lastname="comp" --admin-email="test.magecomp@gmail.com" --admin-user="admin" --admin-password="admin@123" --language="en\_US" --currency="USD" --timezone="America/Chicago" --use-rewrites="1" --backend-frontname="admin"

You can change above installation detail as per your requirement.

6.Set Up Permissions :

sudo chmod -R 777 ./

7. Final, run all below command

sudo php -dmemory\_limit=-1 bin/magento setup:upgrade

sudo php -dmemory\_limit=-1 bin/magento setup:static-content:deploy -f

sudo php -dmemory\_limit=-1 bin/magento indexer:reindex

sudo php -dmemory\_limit=-1 bin/magento cache:clean

sudo php -dmemory\_limit=-1 bin/magento cache:flush

https://magento.stackexchange.com/questions/251696/how-to-disable-elasticsearch-using-terminal

**How To Uninstall Manually Extention From app/code/ Directory**

Step 1: Remove the module Vendor\_Mymodule from app\etc\config.php

Step 2: Drop module tables or columns from database, please check app\code\Vendor\Module\Setup folder for more information

DELETE FROM eav\_attribute WHERE attribute\_code LIKE '%yourr prefix%'

SELECT \* FROM `eav\_attribute` WHERE attribute\_code IN ('ids\_cpisactive','ids\_cpcustomergroup','ids\_cpredirectto','ids\_cpusecf\_redirectto','ids\_cpspecificurl','ids\_cpselectcmspage','ids\_cphideaction','ids\_cpusecf\_hideaction','ids\_cpstartdate','ids\_cpenddate')

Step 3: Remove the folder app\code\vendor\Mymodule

Step 4: Remove module configuration settings from core\_config\_data table by running the following query

remove the config settings.

DELETE FROM core\_config\_data WHERE path LIKE '%vendor\_Mymodule%';

remove the module <Vendor>\_<Module> from table setup\_module

DELETE FROM setup\_module WHERE module LIKE '%vendor\_Mymodule%';

Step 5: Run the following command by logging onto your SSH server

php bin/magento setup:upgrade

**How To Uninstall Extention From vendor/ Directory**

But if you have installed the module via composer then you can run the following list of commands by SSHing on the box to uninstall third party module

php bin/magento module:uninstall -r {{module\_name}}

for example

php bin/magento module:uninstall -r Scommerce\_GoogleTagManagerPro

-r flag removes module data

Run the following command once module has been successfully uninstalled.

php bin/magento setup:upgrade

**Stop ASync Process**

php bin/magento config:set dev/grid/async\_indexing 0

Cloudflare CLI

https://learn.jetrails.com/article/magento-2-cloudflare-extension#cli-commands