

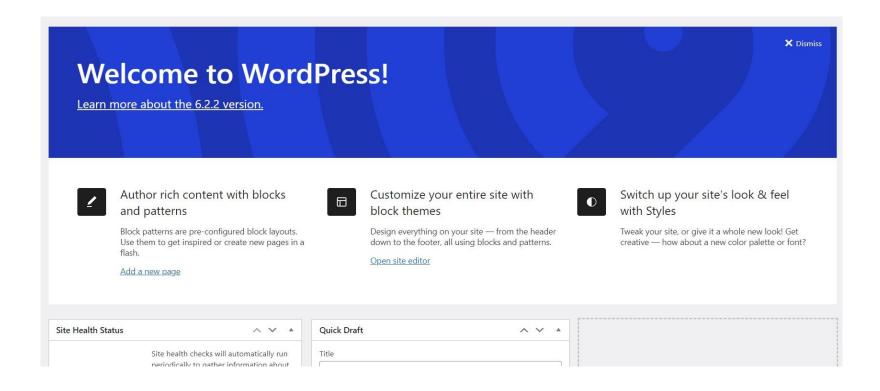
## TASK - 1 DEPLOY THE WORDPRESS APPLICATION

- What is WordPress?
- At its core, WordPress is the simplest, most popular way to create your own website or blog. In fact, WordPress powers over 43.3% of all the websites on the Internet. Yes – more than one in four websites that you visit are likely powered by WordPress.
- On a slightly more technical level, WordPress is an open-source content management system licensed under GPLv2, which means that anyone can use or modify the WordPress software for free. A <u>content management system</u> is <u>basically</u> a tool that makes it easy to manage important aspects of your website – <u>like content</u> – without needing to know anything about programming.
- The end result is that WordPress makes building a website accessible to anyone even people who aren't developers

#### STEP BY STEP PROCESS

- Create a Slave Server Assain port 80 and Create Master Server Assain port 8080 connect to terminal
- Create User in Slave And ssh keygen and Give User Permissions
- Connect slave in master using private ip And Give User permissions
- Install Jenkins And Git in master server and Login Jenkins And Create a Node
- Create a Free Style Project in Jenkins
- Add The Git repo and Cradincials and Give Code Related Comands In Excute Shell
- Build the Project And Browse The Output

#### **EXAMPLE OUTPUT**



# TASK - 2 <u>DEPLOY TOMCAT WEB APPLICATION USING MAVEN IN JENKINS</u>

- What is Tomcat ?
- Apache Tomcat server: Apache Tomcat is a web container. It allows the users to run Servlet and JAVA Server Pages that are based on the web-applications. It can be used as the HTTP server.
- What is Maven and Jenkins?
- ➤ A maven is a build tool designed to manage dependencies and the software lifecycle. It is also designed to work with plugins that allow users to add other tasks to the standard compile, test, package, install, deploy tasks. While, Jenkins is designed for the purpose of implementing Continuous Integration (CI)

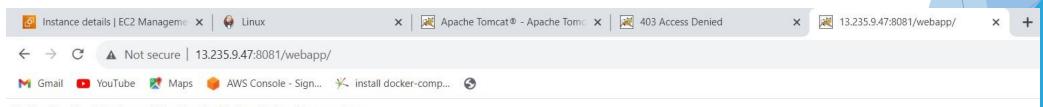
### STEP BY STEP PROCESS

- Create master And Slave Servers Assain Realated Port and Connect to Terminal
- And U Can Configure Master And Slave In Terminal
- Install Jenkins And Git In Master And Give Jenkins Sudoers Permissions
- Install tomcat and maven and java and git In Slave Mishene
- And Give Related Permissions In tomcat Like conf, webappps
- Login Jenkins And Create Node
- Install Maven Pluggins [deploy to code, maven integration]
- Create A Free Style Project And Add Git Repo & Add Maven
- Add Container & Cradencials And Build The Job
- Browse the Output

#### **EXAMPLE OUTPUT**

#### **Tomcat Web Application Manager**





Hello, DevOps Engineers You Cracked it Just Relax for sum time

# THANK YOU

-- VAMSI KRISHNA