



PPT - 4

MASTER AND SLAVE CONFIGURATION

-- VAMSI KRISHNA

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 content management system is basically a tool that makes it easy to manage important aspects of your website – like content – 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 Assign port 80 and Create Master Server Assign 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 Credentials and Give Code Related Commands In Execute Shell
- ▶ Build the Project And Browse The Output

EXAMPLE OUTPUT

 Dismiss

Welcome to WordPress!


[Learn more about the 6.2.2 version.](#)



Author rich content with blocks and patterns

Block patterns are pre-configured block layouts. Use them to get inspired or create new pages in a flash.


[Add a new page](#)



Customize your entire site with block themes

Design everything on your site — from the header down to the footer, all using blocks and patterns.

[Open site editor](#)



Switch up your site's look & feel with Styles

Tweak your site, or give it a whole new look! Get creative — how about a new color palette or font?

Site Health Status

Site health checks will automatically run periodically to gather information about

Quick Draft

Title

TASK - 2

DEPLOY TOMCAT WEB APPLICATION USING MAVEN IN JENKINS

- ▶ 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 Assign Related 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 Machine
- ▶ And Give Related Permissions In tomcat Like conf , webapps
- ▶ Login Jenkins And Create Node
- ▶ Install Maven Plugins [deploy to code , maven integration]
- ▶ Create A Free Style Project And Add Git Repo & Add Maven
- ▶ Add Container & Credentials And Build The Job
- ▶ Browse the Output

EXAMPLE OUTPUT

Tomcat Web Application Manager

Message: OK

Manager

[List Applications](#) [HTML Manager Help](#) [Manager Help](#) [Server Status](#)

Applications

Path	Version	Display Name	Running	Sessions	Commands
/	None specified	Welcome to Tomcat	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/docs	None specified	Tomcat Documentation	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/examples	None specified	Servlet and JSP Examples	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/host-manager	None specified	Tomcat Host Manager Application	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/manager	None specified	Tomcat Manager Application	true	1	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes
/webapp	None specified	Webapp	true	0	Start Stop Reload Undeploy Expire sessions with idle ≥ 30 minutes

Deploy

Instance details | EC2 Manageme x | Linux x | Apache Tomcat® - Apache Tomc x | 403 Access Denied x | 13.235.9.47:8081/webapp/ x +

← → ↻ ⚠ Not secure | 13.235.9.47:8081/webapp/

Gmail YouTube Maps AWS Console - Sign... install docker-comp... 🌐

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

THANK YOU

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