DEVOPS FOR AI

JENKINS INSTALLATION AND SETUP

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**1. Install Jenkins**

* **Download Jenkins**: Go to the Jenkins website and find the download section. Choose the version that matches your operating system (Windows, macOS, or Linux).
* **Run the Installer**: Once the download is complete, open the installer file. Follow the instructions provided by the installer. It usually involves clicking "Next" several times and accepting the terms and conditions.
* **Install Java (if needed)**: Jenkins requires Java to run. If Java is not already installed on your system, the installer may prompt you to install it. Follow the prompts to install Java.

**2. Start Jenkins**

* **Open Jenkins**: After installation, you can usually start Jenkins from the applications menu or desktop shortcut.
* **Access Jenkins**: Once Jenkins is running, it will usually open automatically in your web browser. If it doesn’t, you can open your browser and go to a specific address (like http://localhost:8080) to access it.

**3. Set Up Jenkins**

* **Unlock Jenkins**: The first time you access Jenkins, it will ask you for an unlock key. This key can be found in a specific file on your computer (the installer will show you where). Copy that key and paste it into the box on the web page.
* **Install Suggested Plugins**: After unlocking, Jenkins will prompt you to install plugins. You can choose the option to install the suggested plugins, which provide useful features and integrations.
* **Create Admin User**: After the plugins are installed, Jenkins will prompt you to create an admin user. Fill in the form with your desired username, password, and email address. This will be your login information for Jenkins.

**4. Log into Jenkins**

* **Open Jenkins in Browser**: Go back to the web browser where Jenkins is running (usually at http://localhost:8080).
* **Enter Your Credentials**: When prompted, enter the username and password you created during the setup process.
* **Access Jenkins Dashboard**: After logging in, you will see the Jenkins dashboard. This is where you can create jobs, manage configurations, and view build results.