Plugins in Jenkins

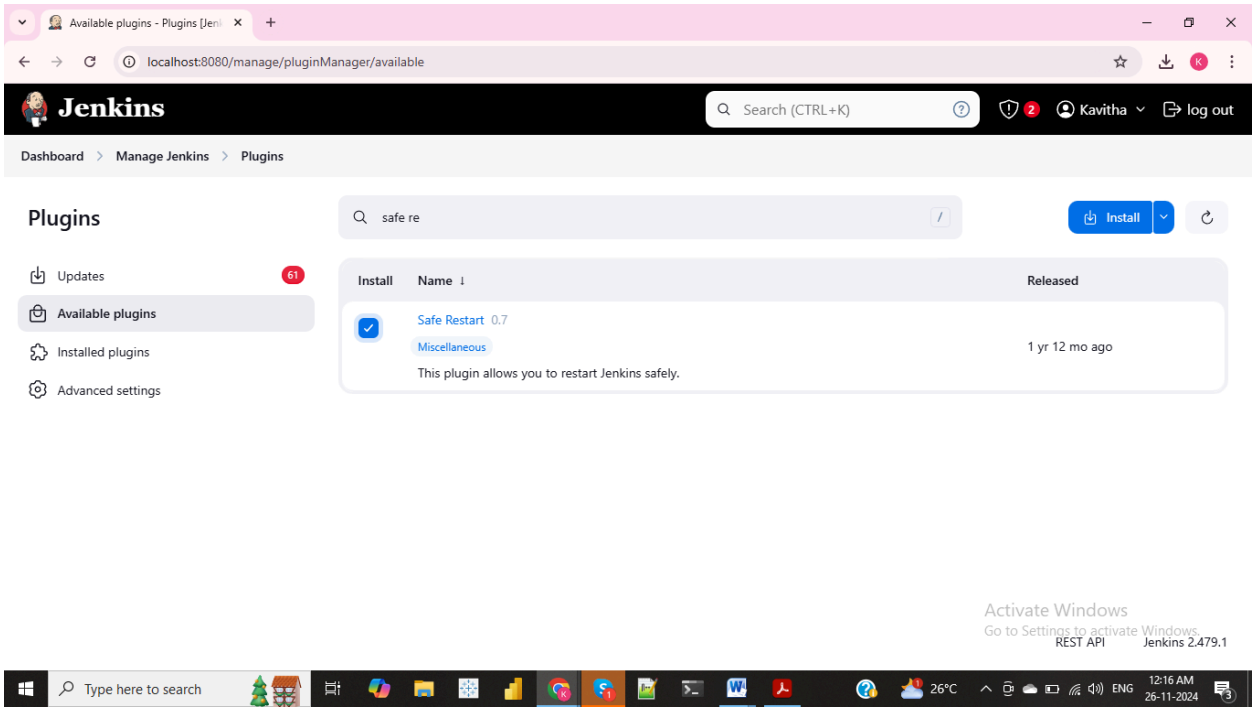
Plugins in Jenkins are add-ons or extensions that enhance its core functionality, enabling you to customize and extend Jenkins to suit your project's needs. Jenkins has a rich ecosystem of plugins, and they cover a wide range of functionalities, from integration with source control systems to automating testing, deployment, and monitoring.

Key Features of Jenkins Plugins:

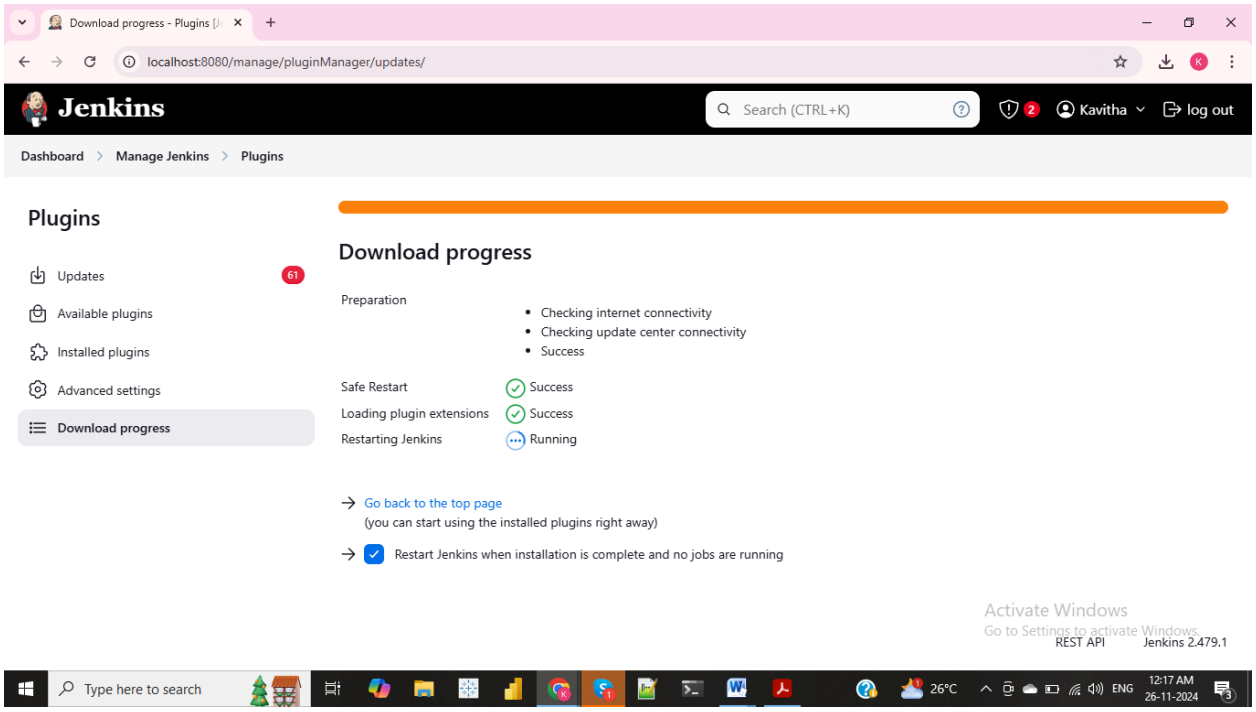
1. **Modularity**: Plugins allow you to add specific features without bloating the Jenkins core.
2. **Customization**: You can tailor Jenkins to your workflow by installing only the plugins you need.
3. **Integration**: They enable Jenkins to work seamlessly with tools and platforms like Git, Docker, AWS, Kubernetes, and more.
4. **Automation**: Plugins can automate complex tasks, such as deploying applications or managing CI/CD pipelines.

Installing available plugin in Jenkins:

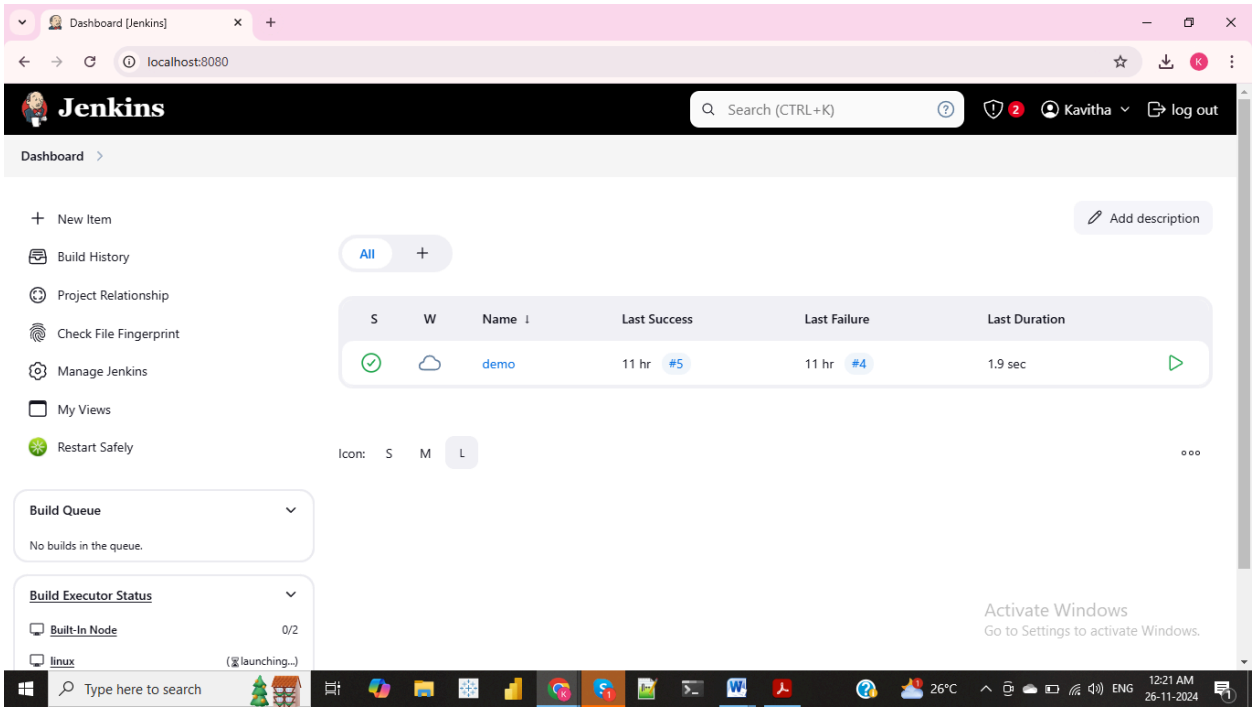
Go to Dashboard --Manage jenkins --Available plugin --search **Safe Restart** – Install



Restart after plugin installed

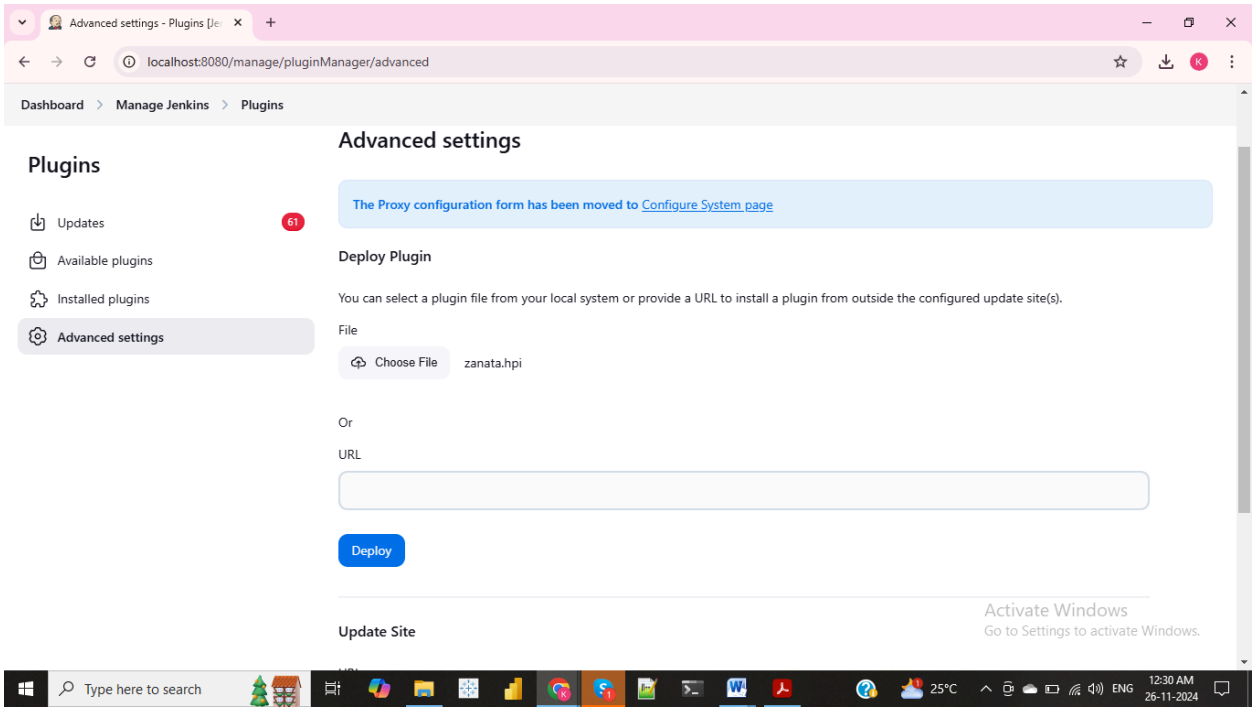


After restart the installed plugin shows in main page of jenkins.

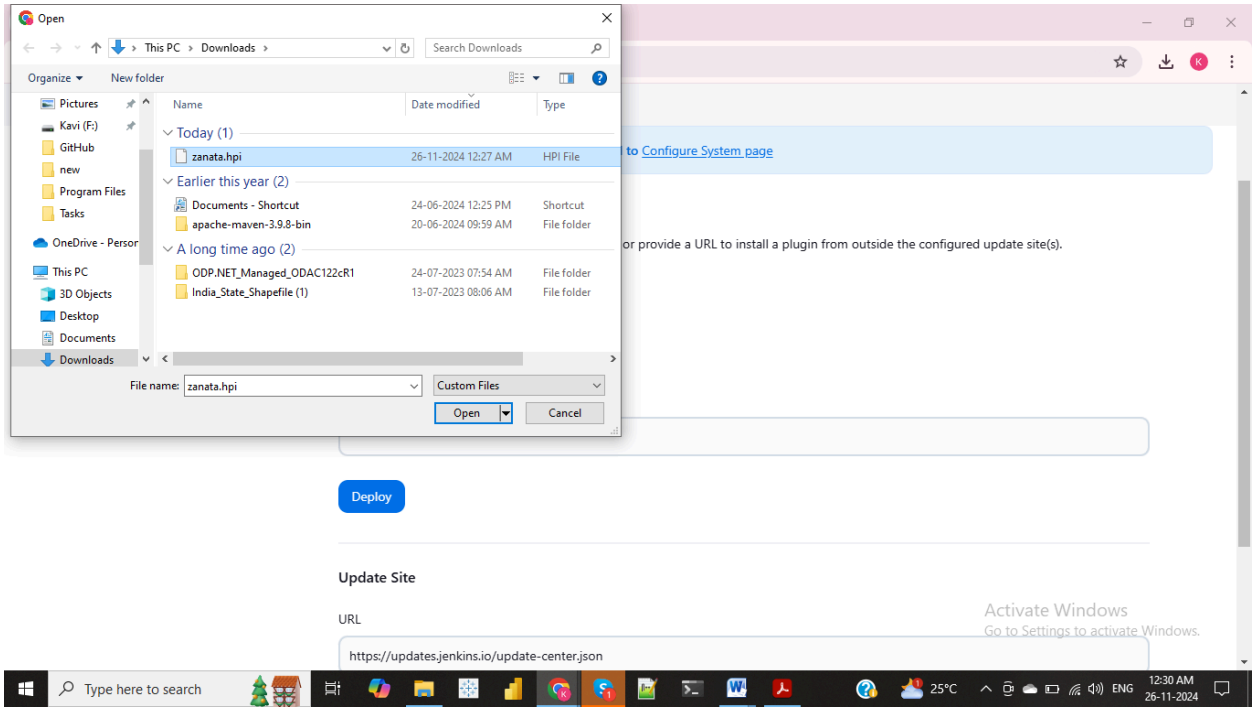


Installing unavailable plugin in jenkins

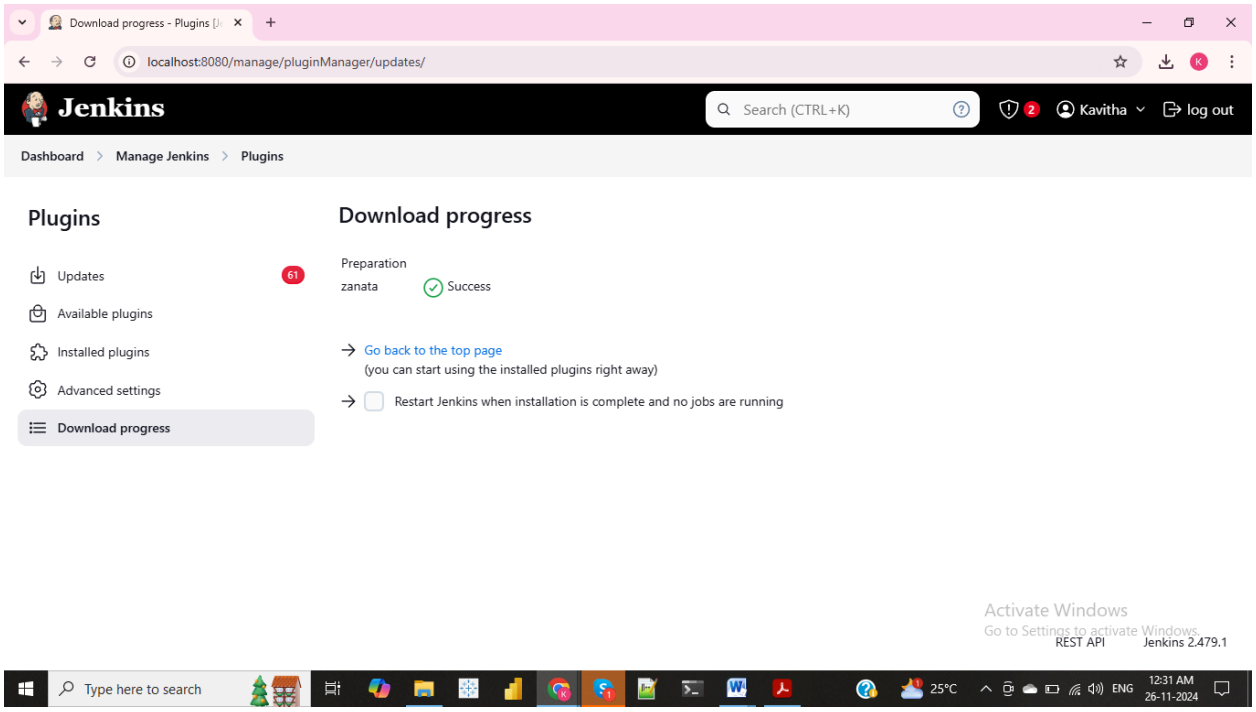
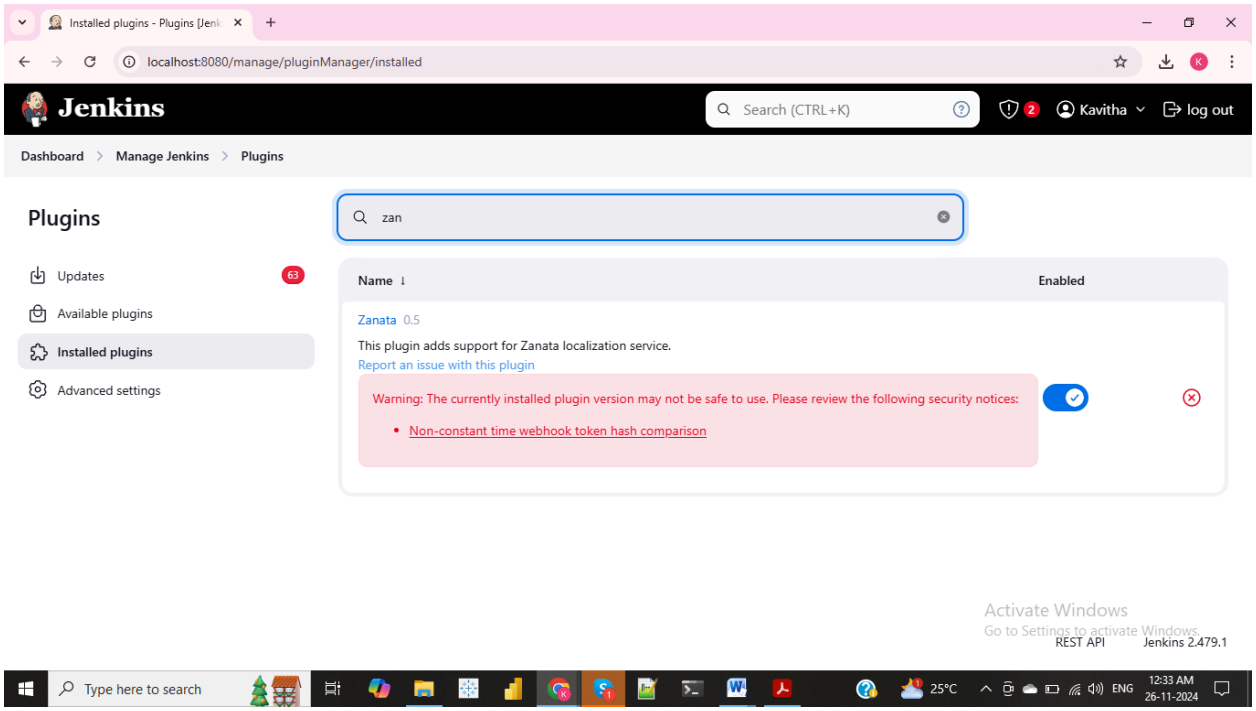
Go to Manage jenkins – Advanced settings --choose file



Upload the downloaded plugin in lap



After install click restart



Now go back to Installed plugin check whether its enable