Jenkins

Jenkins: Infrastructure as Code

- Jenkins Allows User to Manage the Jenkins Job via **UI Parameters**.
- This may introduce few Problems:
  - No Proper Audit Trail.
  - No History of Changes.
  - Developers Dependency on DevOps or System Admin.
  - Difficult to Back & Restore.

- The Solution is **write Jenkins Job in Code** and save it in SCM.
- Infrastructure as code (**IaC**) is the ability to programmatically manage and provision an entire technology stack through code, rather than using manual and complex processes.
- Version Control provide the **History** and **Audit Trail**.
- Easy **Roll Back** to prior version of Jobs and Builds.
- Allow Developers to **Bundle build instruction** with their Application Code.

Will see you in Next Lecture…

See you in next lecture …