

**"IaC" stands for "Infrastructure as Code."**

It is a concept in software engineering and DevOps (Development Operations) where infrastructure management is handled through code and automation rather than manual processes.

## **In Infrastructure as Code (IaC):**

1. **Infrastructure Configuration:** Instead of configuring servers, networks, and other infrastructure components manually, developers define and manage them using code.
2. **Version Control:** Infrastructure configurations are stored in version control systems (like Git), allowing teams to track changes, collaborate, and roll back to previous configurations if needed.
3. **Automation:** Infrastructure provisioning, deployment, and management tasks are automated using scripts, templates, or configuration files, reducing human error and ensuring consistency across environments.
4. **Scalability and Flexibility:** With Infrastructure as Code, it's easier to scale resources up or down, replicate environments, and make changes quickly and consistently.