Certified Jenkins Engineer

Jenkins : What & Why
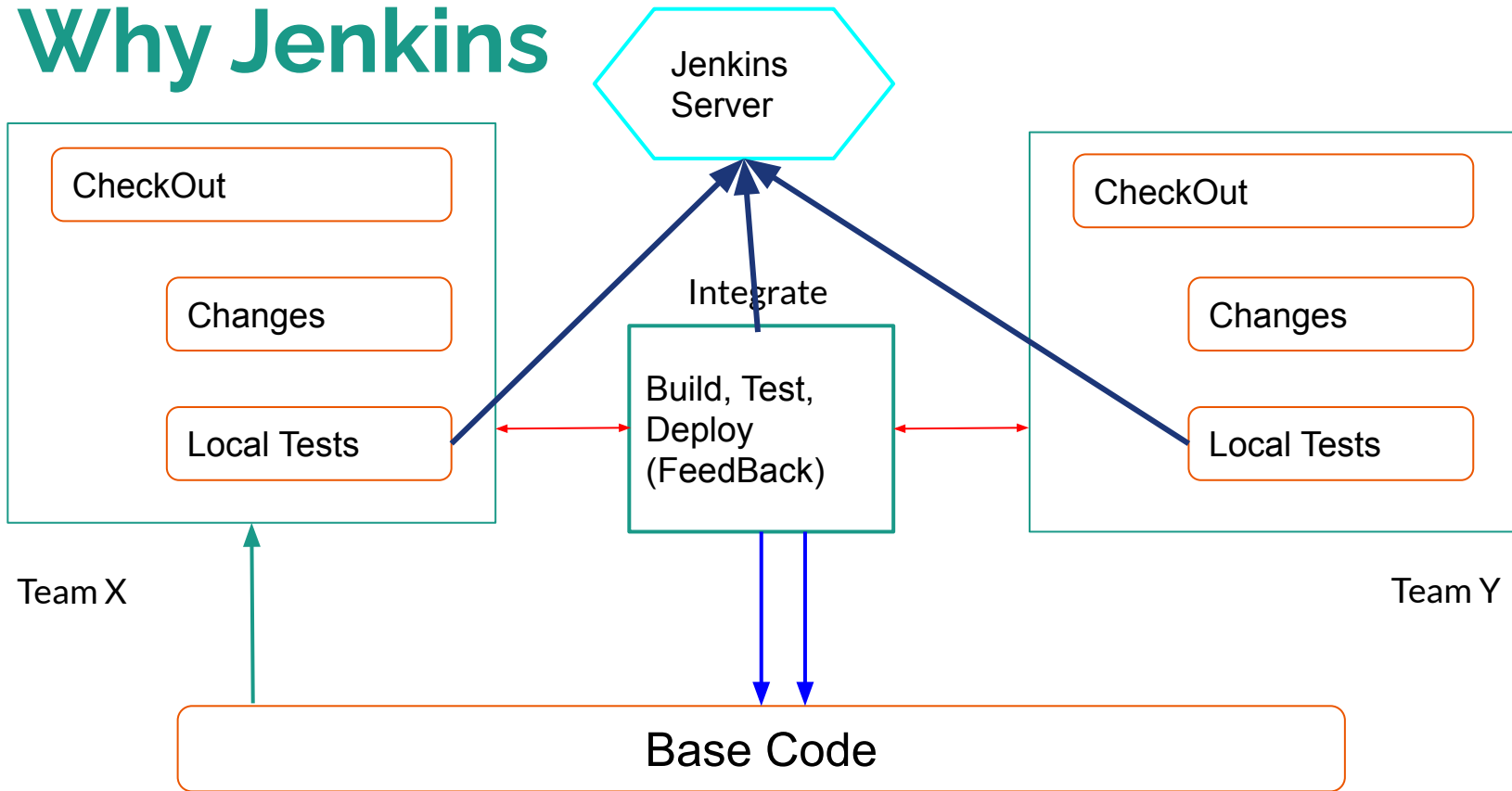
Jenkins CI/CD

➔ **What is Jenkins**

➔ **Why Jenkins**

What is Jenkins

➢ **Jenkins** is an open-source Continuous Integration server written in Java for orchestrating a chain of actions to achieve the Continuous Integration process in an automated fashion.

➢ **Jenkins** supports the complete development life cycle of software from building, testing, deploying the software.

➢ Jenkins is a feature Rich Application, which help organization in fast s/w delivery.

Why Jenkins

Jenkins Server

Team X

CheckOut

Changes

Local Tests

Integrate

Build, Test, Deploy (FeedBack)

Team Y

CheckOut

Changes

Local Tests

Base Code

CI with Jenkins

➢ Code Built and Test as soon as Developer Commit the Changes.

➢ Auto Deployment on **Successful** Software Build and Notify Stakeholders.

➢ Notify Errors to Development team on Build Failure.

➢ Automating Build Process saving the Delivery Time and reduce the Defects.

Hands On Demonstration

Thank You...

Don't be the Same! Be Better!!!