

CI/CD -THE FUTURE OF WORK

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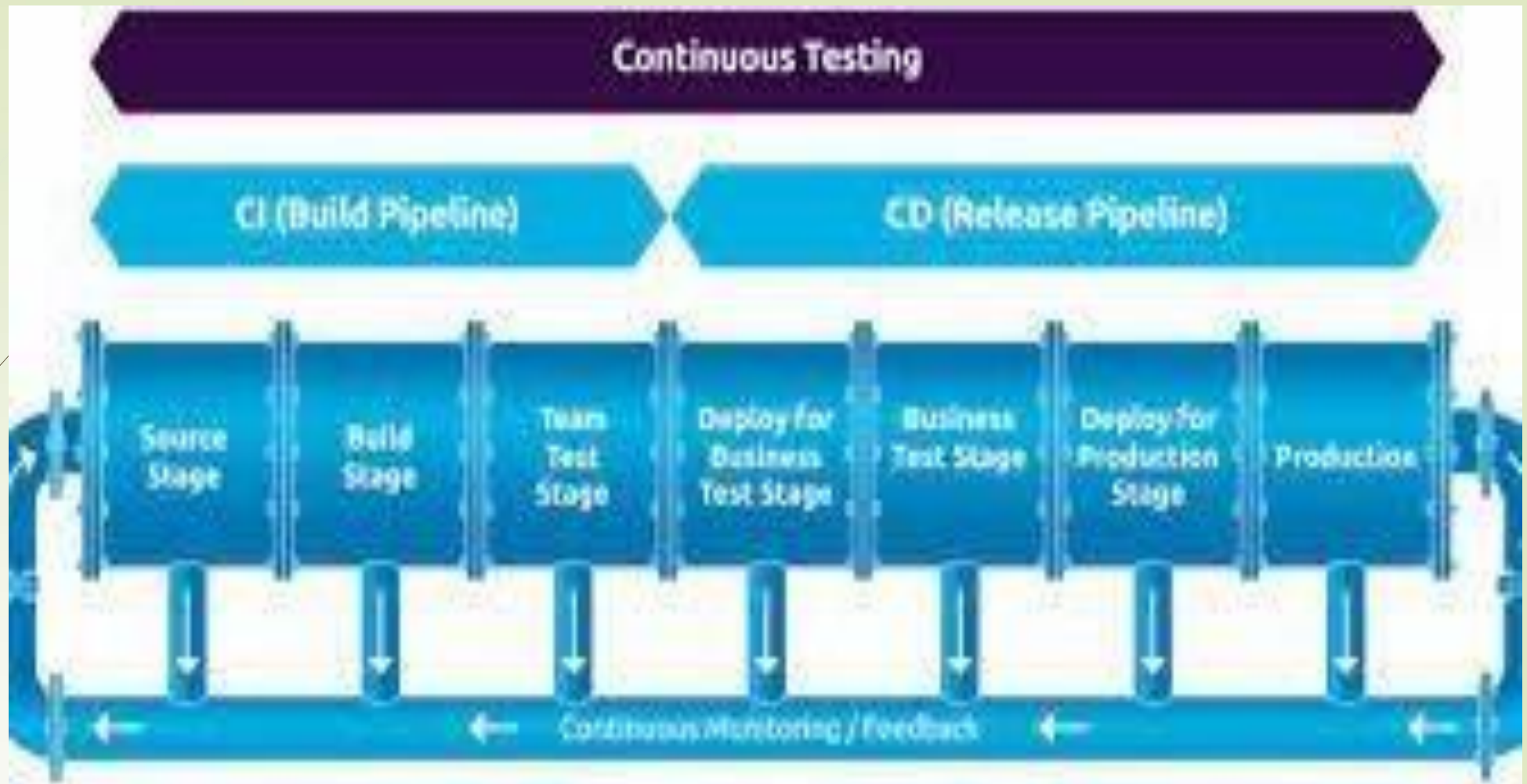


FUNDAMENTALS



- ▮ CI/CD is a method to frequently deliver applications to market by introducing automation into the stages of application development
- ▮ CI/CD introduces ongoing automation and continuous monitoring throughout the application lifecycles, from integration and testing phases to delivery and deployment.

WHY TAKE THE CULTURAL SHIFT ?





BENEFITS OF CI/CD

- ▮ Lesser Code Changes
- ▮ Faster Release Cycles
- ▮ Increased Code Quality
- ▮ Fault Detection and Isolation
- ▮ Improved Mean Time to Resolution
- ▮ Reduced Backlog
- ▮ ENHANCED TEST RELIABILITY
- ▮ Automated Testing
- ▮ Enhanced Transparency and Accountability
- ▮ Streamlined Communication
- ▮ Boosted Customer Satisfaction
- ▮ Enhanced Performance Metrics
- ▮ Easy Maintenance Updates
- ▮ Cost Deduction
- ▮ Quick Time to Market



BENEFITS OF CI/CD

- **Reduction on expensive downtime.** Through CI/CD, long expensive downtimes are cut short resulting in cost cutting.
- **Troubleshooting costs.** Lesser hours on bug fixing due to automation.
- **Onboarding costs.** New developers can get down to business quicker as they don't have to waste time on mundane activities. Shorter learning curve.
- **Staff turnover costs.** Employee satisfaction is high as they get to focus more on the feature development rather than manual repetitive tasks.