

## Day 1 - What is DevOps?

it's a culture that you are going to follow, that would increase your org ability to deliver applications.

or

DevOps is a process of improving the application delivery or script delivery by ensuring proper Automation, Quality, Continuous Monitoring and Testing

## CI/CD - Continues Integration and Continuous Delivery

- Automation
- Quality in production
- Monitoring
- Testing

### Why DevOps?

Developer -----> Example.com -----> Customer

Developer writes code and Customer is receiving the code.

### Before DevOps:

we must check in this code in the central location in a server, they deploy in that server

the tester will test the app in Server.

the Sys Admin creates the server

the Build and release engineer after testing, they promote this app to next level or pre-production or staging environment.

• Build Release Engineer-BRE (Deploys App in Server)

• Sys Engineer

• Server Admin (creates server, App server )

App -----> Pro

Dev -----> Customer

>> Just to delivery an app from Dev to Customer, we need 10 days and include these many roles. which is a manual effort

>> Even though the system is not that efficient, to improve this they created DevOps.

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