UdaPeople Project

WHY CI / CD

Why CI/CD

◈ ● When we are releasing a new feature for our application we go through different stages [code compile/build - unit/static test - vulnerability detection - smoke testing - infrastructure create/clean - roll backs]

◈ ● These steps are repeatable for every release, humans get bored when they keep repeating tasks which will lead to manual mistakes and a lot of paid time for the repetitive tasks and roll backs.

◈ ● One or more team member will only know how to deploy the new release.

◈ ● The manual deployment limits your team

Is CI/CD the solution for our project ?

◈ CI/CD requires automation knowledge and discipline from team members but in return it will :

◈ Reduce costs by catch compiling error after merge and automate the configuration and clean up of the environment.

◈ Avoid unnecessary costs coming from security vulnerability and bugs in production Increase revenue by deploying to production more frequent and reduce time to market.

◈ Focus on business by automate the deployment phases and free the employees to focus on the competitive features