

### **DevOps Essentials 1.0:**

Dates: [20th-23rd March, 27th-29th March, 3rd-4th April] 7:00 PM-9:00 PM GMT



### DAY 2: Pipelines:



### TASK:

A] The demo was a success and well received. Now you have been tasked to set up a pipeline so developers can compile and test their code with little or no intervention. The pipeline should embrace a "Continuous Integration" approaching.

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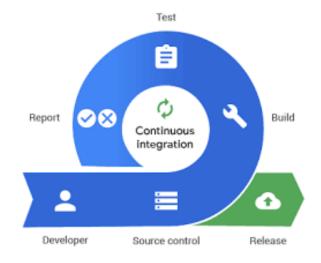
- Jenkins [For Pipeline]
- Github for Code Management
- AWS EC2: AMI, Security Group

B] If possible create three machines, each for the following tasks:

- 1. For pipeline management. This should only be accessible to you
- 2. Dev machine for developers to test the code. Everyone should have access
- 3. For the marketing team to use. Only the Marketing team

#### Note:

What is Continuous Integration (CI): *Continuous Integration* (CI) is a development practice that requires developers to *integrate* code into a shared repository several times a day. Each checkin is then verified by an automated build, allowing teams to detect problems early.



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### Can you:

- Setup an account in <u>Github</u>
- Install AWS Cli on your local machine
- Install <u>Terraform</u> on your local machine
- Fork the codebase to your repo
- Go over today's class ....