

## DevOps Essentials 1.0:

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

# Hands On Technical Training

Live sessions and Instructor Led Training, online or on-premise

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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## Key Tools Needed:

- 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 check-in is then verified by an automated build, allowing teams to detect problems early.



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Can you:

- Setup an account in [Github](#)
- Install [AWS Cli](#) on your local machine
- Install [Terraform](#) on your local machine
- Fork the codebase to your repo
- Go over today's class ....