

FIS DevOps Training

CASE STUDY:

There's a project lined up for one of the reputed banks and we must make sure the development and infrastructure pipelines are streamlined. As per the market standards we will proceed with the new generation technologies for the upcoming assignment, however, before proceeding with the actual configuration i would like to have a proof of concept to ensure the workflow is viable.

Having said, I would expect you to prepare a workflow which incorporates CI/CD using the below tools that perform due diligence.

Requirement -1

1. Git – Create a project and build the package
2. JFrog artifactory – Publish your package
3. Jenkins – Used for integration
4. Tomcat- Deploy a war file into tomcat.

Requirement -2

1. Create an image from the Dockerfile
2. Push that image to your docker hub registry
3. Pull the same image from docker hub
4. Use the same image to create containers in your VM.

Project Submission:

For each above-mentioned steps, take a snippet and attach the same in a word document by giving a brief description

Due Date: 22 Oct 2020