

# **DevOps Professional Orientation Session**

### **Agenda**

1 Introduction

2 Program Overview

3 Expectation from Participants

4 Q&A

#### **Introduction**

Purpose: To meet the ever changing needs of our customers and make them win in rapidly changing world, there is an immediate need for IT professionals who can bring agility in meeting the business requirements

- Organization is moving towards Digital and in DevOps way to bring the required agility.
- DevOps Professional certification course is one such Premium program, aimed to groom professionals in this direction.
- The plan is to enable 2000+ members DevOps Professional certified in the coming year
- Talent Transformation in collaboration with Competency team taken a lead in spreading the DevOps Culture



#### **Program Overview**

- Coverage of tools (Git, Maven, Junit, Selenium, Artifactory, SonarQube, Jenkins, Ansible, Docker, Docker Swarm)
- Duration: 8 weeks (20 sessions & 4 weeks of working on Capstone Project)
- Integrated Learning Projects
- Capstone Project (2-3 member team)
- Working Environment (Topgear VM, Your own Setup)
- Streaming links will be shared by faculty and will be available for ONLY 2 weeks



#### **Expectation from Participants**

- **Attend all training Sessions**
- Completion of ILP is essential to consider participants attendance and subsequent certification.
- After hand-on completion (ILP submission) only, attendance will be captured.
- Sample ILP case study will be shared. You may choose to use the same or define & propose a your own with similar scope and deliverables. It is expected that you work on ILP along with the course's progress
- 15 hrs. additional effort per week over and above your regular work. There are hands-on activity with guided exercises for each day
- Certification: successful completion of Integrated Learning Project and Capstone project



#### **Expectation from Participants**

- Do not forward session invite Already overloaded
- Do attend training session as per opted slot only
- do complete expected exercise during session
- Recorded session details (webex link) will be updated on MS teams. Note: Link will be active for 2 weeks only.
- List of standard documents posted on MS Teams
- Do respond survey without fail. It helps us to improve quality of program



#### **Tools**

Over 1000 Jenkins **Plugins** 



Integration with over 100 **DevOps Tools** 



Orchestration of the DevOps Toolchain



End-to-End **CD Pipeline** Management

Code & Commit



Scan & Test

Release

Deploy







SERENA

















Visual Studio

IBM Rationa





docker





sonar









































**vm**ware















## **Q & A**