

DEVOPS

CERTIFICATE NUMBER : CERT20221205391



This is to certify that :

Deni Setiawan

Has completed a 32 hours program of DEVOPS Training at the IDN.ID Training Center, Jakarta, on 12, 13, 14, 15 Desember 2022
The student was able to obtain proficiency :

1. Introduction of DevOps

- Understand DevOps, its roles and responsibilities
- DevOps problem and solutions
- Identify cultural impediments and overcome it
- Understand the infrastructure Layouts and its challenges
- Network Concepts at Enterprise Scale

2. Version Control, GIT

- Introduction
- How GIT Works
- Working Locally With GIT
- Working Remotely With GIT
- Branching and Merging
- Resolve merge Conflict

3. Docker

- Docker Introduction
- Docker Installation
- Docker Command
- Docker Images & Container
- Create Image using Dockerfile
- Docker Registry
- Docker Volume
- Docker Networking
- Docker Compose
- Docker Swarm

4. Ansible

- Ansible Introduction
- Deploying Ansible
- Working with Inventory
- Add task by Ad-Hoc Command
- Implementing Playbooks
- Variable and Facts
- Condition, Loop, Notify, And Handler in Playbook
- Ansible Galaxy
- Ansible Vault Encryption
- Ansible in DevOps Environment

5. Jenkins

- Installation and Setup Jenkins
- Create Folder in Jenkins
- Create Job in Jenkins
- Create job integration with Git in Jenkins
- Create job integration with Docker in Jenkins
- Create job integration with Ansible in Jenkins
- Jenkins in DevOps Environment

6. Monitoring with Zabbix

- Installation and Setup Zabbix
- Add Host to Monitoring
- Add Template Service Monitoring

15 Desember 2022



Dedi Gunawan

CEO of IDN.ID Training Center