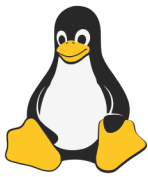


# BTECH ACADEMY 2022

## CLOUD & DEVOPS BOOTCAMP

Live Session



### Linux System Administration

**Senin,  
7 Mar 2022**

Introduction & Access systems  
Navigate File Systems  
Manage Local Users and Groups

**Kamis,  
10 Mar 2022**

Control Access To Files  
Manage Selinux Security  
Tune System Performance  
Manage Basic Storage

**Senin,  
14 Mar 2022**

Control Services And The Boot Process  
Manage Linux Networking  
Implement Advanced Storage Features

**Kamis,  
17 Mar 2022**

Schedule Future Tasks  
Access Network-attached Storage  
Manage Network Security



## Docker Administration

**Senin,  
21 Mar 2022**

Introduction of Container  
Introduction to Docker  
Managing Docker Container  
Creating Custom Docker Container Image  
Docker Compose

**Kamis,  
24 Mar 2022**

Docker Continuous Integration  
Logging and Error Handling  
Logging Driver  
Health Check  
Security  
Storage Driver



## Ansible Automation

**Senin,  
28 Mar 2022**

Introduction Ansible  
Fundamentals of Ansible  
Installing Ansible  
Ansible Administration



## Kubernetes Administration

**Senin,  
4 Apr 2022**

Introduction Kubernetes  
Kubernetes Architecture  
Kubernetes Installation & Configuration  
Kubernetes API & Access  
API Object  
Managing State with Deployments

**Kamis,  
7 Apr 2022**

Volume and Data  
Kubernetes Service  
Ingress  
Scheduling  
Helm

## Gitlab Administration



Introduction Gitlab  
Gitlab Overview  
Gitlab Installation  
Gitlab Administration

**Senin,  
4 Apr 2022**



## Ceph Administration

**Senin,  
11 Apr 2022**

Introduction Ceph  
Ceph Core Components Explanation  
Provisioning Ceph Cluster  
Ceph Operational

ELK



Introduction ELastic Stack  
Analyzing Log Data  
Building Data Pipelines with Logstash  
Visualizing Data with Kibana

**Senin,  
11 Apr 2022**



## Openstack Administration

**Senin,  
18 Apr 2022**

Introduction Cloud Computing  
Introduction Openstack  
Openstack Core Service Explanation  
Installing Openstack

**Kamis,  
21 April 2022**

Launching an Instance Using CLI  
Launching an Instance using Horizon  
Managing Project, User, Role, Quota  
Managing Block Storage

## Monitoring with Prometheus



Describe Monitoring Concept  
Get to Know Prometheus Architecture  
Install Prometheus  
Visualized Monitoring System  
Manage Alert

**Senin,  
18 Apr 2022**

