Terraform Essentials
Duration: 2 Days

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DESCRIPTION

Learn about the infrastructure provisioning using opensource Terraform. This course aims to educate participates on the concept of provisioning infrastructure in an easy, efficient way using Terraform. It is aimed at helping participants quickly learn about the various aspect of Infrastructure as Code and how to create and manage a given Infrastructure design using Terraform.

OBJECTIVES

After completing this course, candidates will be able to:

- Overview of DevOps and Infrastructure Provisioning
- Overview of Terraform and comparison with other tools
- Setup and configuration of Terraform in Linux
- Understanding Terraform files, variables, providers and provisioners
- State management using Terraform
- Provisioning AWS Virtual Private Cloud using Terraform
- Configuring Auto Scaling, Load Balancing using Terraform
- Configuring RDS service with Terraform
- Configuring IAM service with Terraform
- Getting familiar with Terraform Modules

COURSE OUTLINE

DAY 1

↪ Introduction to DevOps and Terraform

↪ Setup and Configuration

↪ Getting started with Terraform

↪ State Management in Terraform

↪ Provisioning AWS Virtual Private Cloud using Terraform

DAY 2

↪ Configuring Auto Scaling for EC2 Instances

↪ Provisioning Load Balancers in AWS

↪ Configuring Relational Data Base Services in AWS

↪ Identity and Access Management configuration using Terraform

↪ Overview of Terraform Modules

WHO SHOULD ATTEND

- Developers

- Cloud Engineers

- DevOps Engineers

PREREQUISITES

- Knowledge of basic unix / linux commands will be good to have

- Valid AWS account and individual credentials to create EC2 instances and s3

- Should have knowledge to create AWS EC2 instances and should know how to access EC2 instances via SSH

TESTIMONIALS

" Trainer is quite knowledgable and has got lot of experience. He was bringing realtime example, properly keeping the focus on theory and practice. This was very much important that the trainer is always keeping the track especially for an exhaustive content. "
- Rajkiran A, Senior IT Manager, P&G

" Very impressive training, this will certainly help my team to upgrade the skill in Azure. I would definitely recommend this training as a good kick start for Azure learning. A trainer is very knowledgeable having great command over the subject. "
- Anil V, Associate Manager, Stryker

" Very satisfied with the Training, Well explained the concepts though I am not from a Networking/System Admin background.
- Deepak S, Sr Software Engineer,Cerner Healthcare Solutions "

For training inquiry,
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