

Infrastructure-as-Code: Terraform

Duration: 1 day (for base delivery) |

Focus Area: Business / IT alignment |

Difficulty: 200

Intended Audience

Primary Audience:

- DevOps / Cloud Engineers
- Cloud Solution Architects
- Infrastructure / Platform Engineers

Secondary Audience:

- Software Engineers
- Directors / IT Managers

Overview

This workshop focuses primarily on how to use Terraform efficiently to provision Infrastructure components on Azure.

Objectives

After completing this training, you will be able to:

- Understand Infrastructure-as-Code Principles
- Learn Core concepts around Terraform
- Use Terraform to manager Azure Resources

An extended 2-day version of this Workshop is also possible through customized demos, integrating with tools such as GitHub Actions and including chalk-and-talk component focusing on customer's problem domain

Key takeaways

Course material

- Bigger Picture around IaC
- Core Workflow
- Key concept or skill 2

Agenda (for base delivery)

Day 1

- Module 1
- Module 2

Course details

Module 1: Introduction to Office 365

- Overview of the service
- Office 365 subscription plans (Lab)
- Sign up for Office 365 for Enterprises (Lab)
- Office 365 Management Interface (Lab)
- User, Groups and Domains

Module 2: Introduction to SharePoint Online

- SharePoint Online Service description
- SharePoint Online Plans and service details
- Supported client versions
- System requirements for SharePoint Online
- What's new in SharePoint Online.

Module 3: Office 365 SharePoint Online Admin Center

- SharePoint admin center
- SharePoint Online service applications, features, and settings used for SharePoint Online administration

Module 4: SharePoint Online Management Shell

- SharePoint Online Management Shell PowerShell module (Lab)
- Typical management scenarios (Lab)

Pre-requisites

Before attending this course, it is recommended that you meet the following criteria

- You understand data structures and working with SQL Server and computer networks
- Basic knowledge of the Microsoft Azure platform.
- Be familiar with maneuvering around Azure portal.

If you are new to these, here are a few references you can complete prior to class:

- [Microsoft SQL Server](#)
- [Microsoft Azure](#)

For more information

Contact your Microsoft Account Representative for further details.