

Day - 1

Introduction to Traefik and Basic Configuration

- **Introduction to Traefik**
 - Welcome and Introduction
 - Understanding Traefik: Features and Use Cases
 - Traefik Architecture and Components
- **Installation and Setup**
 - Installing Traefik in Various Environments (Standalone, Kubernetes, Docker Swarm)
 - Basic Configuration of Traefik: Entry Points, Routers, Services

Day - 2

Advanced Configuration and Integration

- **Advanced Configuration**
 - TLS Termination and Let's Encrypt Integration
 - Service Discovery and Middleware Configuration
- **Integration and Hands-on Labs**
 - Integrating Traefik with Kubernetes and Docker Swarm
 - Hands-on Labs: Configuring Traefik for Common Use Cases

Monitoring, Security, and Best Practices

- **Monitoring and Security**

- Monitoring Traefik: Metrics, Logging, and Health Checks
- Implementing Security Best Practices: TLS, Access Control, Rate Limiting

- **Best Practices and Certification Preparation**

- Best Practices for Deploying Traefik in Production Environments
- Certification Preparation: Review, Q&A, and Practice Exam