Administering Applications in F5 Distributed Cloud Services

Day 1: Introduction to F5 Distributed Cloud Services & Core Concepts

- Overview of F5 Distributed Cloud Services
- Key features and benefits
- Understanding multi-cloud networking and security
- Navigating the web-based console
- User roles and access management
- System components and architecture
- Deploying applications in F5 Distributed Cloud
- Introduction to API gateways and load balancers
- Setting up basic traffic policies

Day 2: Advanced Application Deployment & Security

- Configuring global and local load balancing
- Traffic steering and routing policies
- Implementing DNS-based traffic control
- Introduction to security policies
- Configuring Web Application Firewall (WAF)
- Implementing DDoS protection and bot defense
- Access control policies
- Secure authentication mechanisms

Day 3: Monitoring, Automation, and Troubleshooting

- Understanding logs, alerts, and dashboards
- Application performance monitoring
- Troubleshooting common issues

- **Automation and API Integration**
  - Introduction to Infrastructure-as-Code (IaC)

- Automating deployments using Terraform & APIs

- **Best Practices & Case Studies**
  - Optimizing performance and cost-efficiency
  - Real-world use cases and industry best practices