



**JOIN US**

**OVERVIEW**

**THIS COURSE  
WILL INCLUDE  
CERTIFICATION  
101-201 AND 301.**

**CORE NETWORKING  
CLASSES**

**GET TRAINING BY  
CERTIFIED TRAINERS  
AND INDUSTRY  
EXPERTS**



**Course Duration  
16 Hours**

**No of Hours  
2 Hours/Day**

**Certificate  
F5 LTM 301 A+B**

**Skill Level  
Begginer**

**Study Material  
Yes**

**Batches Available  
Weekdays/Weekends**



**BIG IP F5 LTM**

**START YOUR  
LEARNING WITH  
CORE  
NETWORKING  
CLASSES**



# COURSE CONTENT

## 01 Installing & Initial Access

- BIG-IP LTM Overview
- Licensing and the setup utility
- Installation and Setup Labs
- o Lab Changing Initial IP Address.
- o Lab Licensing The System
- o Lab Setup Utility
- o Lab Configuration Utility
- o Lab Configuration Backup Utility

- BIG-IP Hardware Platform
- What's outside BIG-IP
- What's Inside BIG-IP
- Building block of F5

## 02 Components

- Nodes
- o Lab using GUI
- o LAB using CLI

- Pool
- o Lab using GUI
- o LAB using CLI
- Pool Members
- o Lab using GUI
- o Lab using CLI
- Virtual-server
- o Lab using GUI
- o LAB using CLI

## 03 Load Balancing

- Virtual Servers & Pools
- Network Map
- Load Balancing Modes
- Configuring Load Balancing
- o Load Balancing with Pool Members
- o LAB using GUI & CLI

## 04 Virtual-Server for IPV6

- Ipv6 Virtual Server Configuration
- IPv6 Virtual Server to IPv4 Backend Server Configuration
- o LAB

## 05 Monitors

- Monitor Concepts
- Monitor Configuration
- Monitor Assignment
- Monitor Status Reporting
- o Labs Monitor
- o Modified Lab Monitor

**BEFORE STARTING THIS MODULE CANDIDATE SHOULD HAVE BASIC UNDERSTANDING OF CCNA/NETWORK**

## 06 Profile

- Profile
- Profile Types and Dependencies
- Protocol Profile Types and Setting
- Configuring Profiles
- Configuring Parent And Child Profile





## 07 Persistence

- Persistence
- Source Address Based Persistence
- o LAB – Source Address Based Persistence
  - Destination Address Based Persistence
- o LAB – Destination Address Based Persistence
  - Cookies Based Persistence
- o LAB – Cookies Based Persistence
  - Object Management
- o Disabled and Enable Members

## 08 Processing SSL Traffic

- SSL Termination/Initiation
- SSL profile Configuration
- o LAB Client SSL Termination
- o LAB Server SSL Termination

## 09 Configuration Project

- Configuration Project
- o LAB Including all the Servers And Client & BIG-IP

## 10 NATs and SNATs

- NATs
- o LAB NAT
  - SNAT
- o LAB SNAT
  - Auto-map
- o LAB Automap

## 11 iRules

- iRules Concepts
- iRules Events
- Types of iRules
- Different Ways To Use iRules
- iRule Editor
- Configuring iRules
- o LAB iRules

## 12 Installation Of a Redundant BIG-IP

- Redundant Pair Concept
- Synchronization State and Failover

- Redundant Pair Labs
- o Lab Redundant Pair Setup
- o Synchronization
- Redundant Pair Communication

## 13 Maintaining & Troubleshooting BIG-IP LTM

- Additional Tools And Resources
- Logs
- SNMP
- iHealth
- QKView
- analytics
- TCP Dumps
- EUD
- ASK-F5
- BIG-IP Logging Method
- BIG-IP Log Facilities

