

F5 Networks – BIG-IP® LTM Advanced Topics

Vendor Course Code: F5LTMADV

Course Length: 2 days

Overview: This two-day course gives networking professionals an in-depth understanding of the BIG-IP LTM system. The Advanced Topics course builds on the foundation of the BIG-IP LTM Essentials course and also covers less commonly used but more powerful ways of using the many features of the BIG-IP LTM system. In addition, significant time is spent using the command line tools to configure the BIG-IP LTM system. This hands-on course includes lectures, labs and discussions. Students will learn about command line functions, advanced configurations, and advanced troubleshooting.

Skills Gained: By the end of this course, the student should be able to perform many advanced configurations of BIG-IP LTM systems using either the Graphical User Interface (browser based) or command line interface. In addition, the student should be able to monitor and manage most tasks concerning traffic processed through the BIG-IP LTM system.

Key Topics:

- Installation and Licensing
- Restricting Administrative Access
- Packet Filtering
- Configuring BIG-IP from the command line
- Bigpipe commands
- Advanced Monitors
- Advanced iRules
- Advanced Persistence
- Advanced SNATs
- Network Virtual Servers
- Forwarding Virtual Servers
- Logs and Notification
- HTTP compression
- HTTP Caching
- One Connect
- Rate Shaping
- Authentication
- Path Load Balancing

Target Audience: System and Network Administrators responsible for the advanced capabilities of the BIG-IP® LTM System

Prerequisites: Successful completion of either BIG-IP® Essentials course or F5 Product Consultant – Local Traffic Management Exam.

TCP/IP addressing and routing including: The Address Resolution Protocol, Direct and Indirect Routing, TCP Handshakes. Command Line Configuration including: Commands and Parameters, Command Line Access, Common Elements of and differences between WAN and LAN components. Fundamental programming concepts such as variable assignments and logical operations.