

F5 – Configuring BIG-IP LTM v16: Local Traffic Manager

This course gives network professionals a functional understanding of BIG-IP Local Traffic Manager (LTM), introducing students to both commonly used and advanced LTM features. Incorporating lecture, extensive hands-on labs, and classroom discussion, the course helps students build the well-rounded skill set needed to manage BIG-IP LTM systems as part of a flexible and high performance application delivery network.

Détails

- **Code** : PROD-F5LTM
- **Durée** : 3 jours (21 heures)

Public

- Administrateurs
- Administrateurs de bases de données
- Administrateurs systèmes
- Administrateurs systèmes et réseaux
- Administrators
- Consultants en Sécurité
- Consultants informatiques
- Consultants IT
- Experienced IT Professionals
- Network Administrators

Pré-requis

- Administering BIG-IP

Objectifs

- BIG-IP initial setup (licensing, provisioning, and network configuration) A review of BIG-IP local traffic configuration objects
- Using dynamic load balancing methods Modifying traffic behavior with persistence (including SSL, SIP, universal, and destination address affinity persistence)
- Monitoring application health with Layer 3, Layer 4, and Layer 7 monitors (including transparent, scripted, and external monitors)
- Processing traffic with virtual servers (including network, forwarding, and reject virtual servers) Processing traffic with SNATs (including SNAT pools and SNATs as listeners)
- Advanced BIG-IP LTM configuration options (including VLAN tagging and trunking, SNMP features, packet filters, and route domains) Deploying application services with iApps Customizing application delivery with iRules and local traffic policies

Programme

Items

- BIG-IP initial setup (licensing, provisioning, and network configuration)
- A review of BIG-IP local traffic configuration objects
- Using dynamic load balancing methods
- Modifying traffic behavior with persistence (including SSL, SIP, universal, and destination address affinity persistence)
- Monitoring application health with Layer 3, Layer 4, and Layer 7 monitors (including transparent, scripted, and external monitors)
- Processing traffic with virtual servers (including network, forwarding, and reject virtual servers)
- Processing traffic with SNATs (including SNAT pools and SNATs as listeners)
- Configuring high availability (including active/standby and N+1 sync failover device groups, connection and persistence mirroring, and sync-only device groups)
- Modifying traffic behavior with profiles (including advanced HTTP profile options, caching, compression, and OneConnect profiles)
- Advanced BIG-IP LTM configuration options (including VLAN tagging and trunking, SNMP features, packet filters, and route domains)
- Deploying application services with iApps
- Customizing application delivery with iRules and local traffic policies

Modalités

- **Type d'action** :Acquisition des connaissances
- **Moyens de la formation** :Formation présentielle – 1 poste par stagiaire – 1 vidéo projecteur – Support de cours fourni à chaque stagiaire
- **Modalités pédagogiques** :Exposés – Cas pratiques – Synthèse

- [Validation](#) : Exercices de validation – Attestation de stages