Master Class: Administering BIG-IP and Configuring BIG-IP LTM (Local Traffic Manager) (BIGIPBC)

ID BIGIPBC **Price** CHF 3,490.—(excl. VAT) **Duration** 3 days

Prerequisites

The following general network technology knowledge and experience are required before attending any F5 instructor-led course:

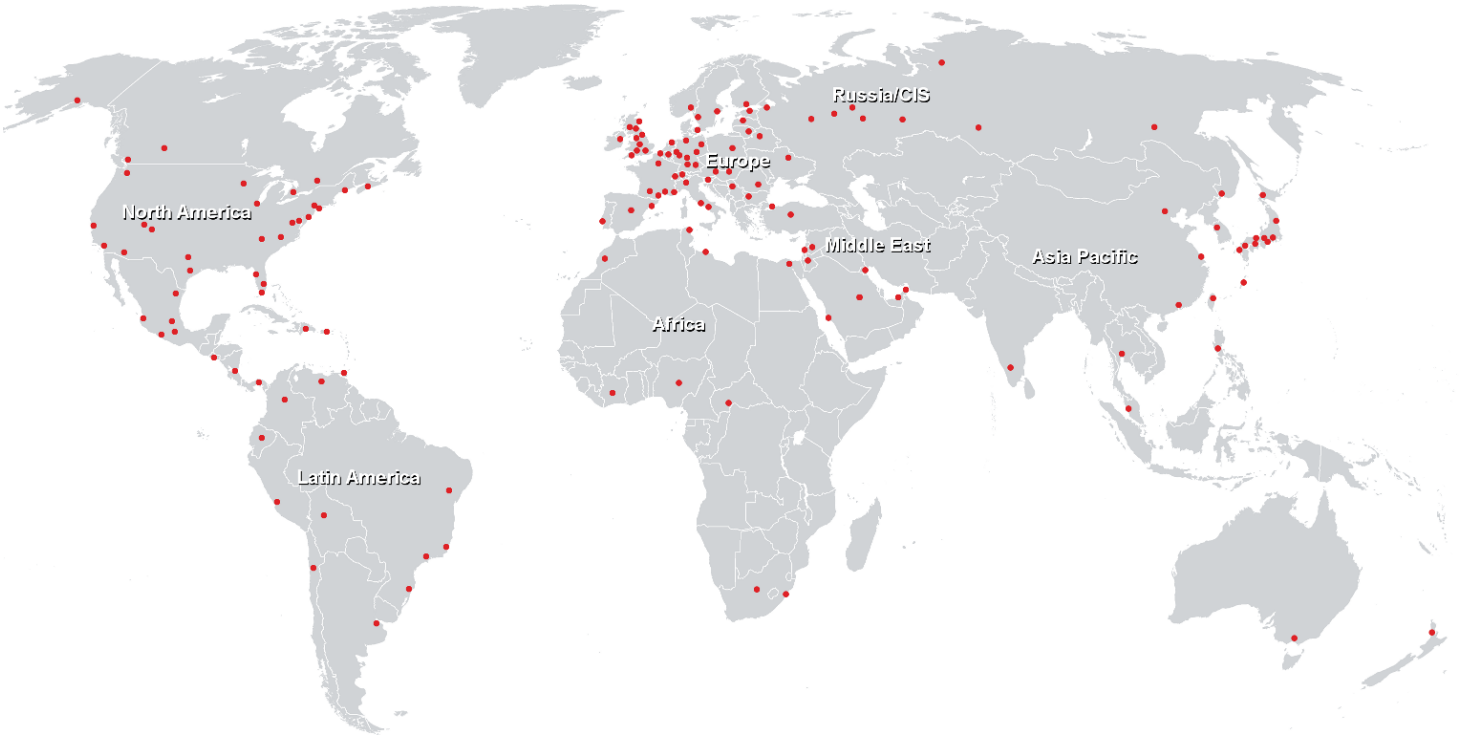
- OSI model encapsulation
- Routing and switching
- Ethernet and ARP
- TCP/IP concepts
- IP addressing and subnetting
- NAT and private IP addressing
- Default gateway
- Network firewalls
- LAN vs. WAN

Course Content

- Getting started with the BIG-IP system
- BIG-IP / TMOS overview and architecture
- BIG-IP initial setup (licensing, provisioning, and network configuration)
- Using the Traffic Management Shell (tmsh) command line interface
- High availability setups (including active/standby and N+1 sync failover device groups, connection and persistence mirroring, and sync-only device groups)
- Traffic processing with BIG-IP Local Traffic Manager (LTM)
- Processing traffic with virtual servers (including network, forwarding, and reject virtual servers)
- Processing traffic with SNATs (including SNAT pools and SNATs as listeners)
- Modifying traffic behaviour with profiles (including advanced HTTP profile options, caching, compression, and OneConnect profiles)
- Modifying traffic behaviour with profiles for SSL offload and re-encryption
- Modifying traffic behaviour with persistence, including source address affinity and cookie persistence
- Monitoring application health and managing object status
- Customising application delivery with iRules
- User roles and administrative partitions
- Troubleshooting the BIG-IP system, including logging (local, high-speed, and legacy remote logging), and using tcpdump
- Software Updates and Always-On Management (AOM)
- F5OS concepts
- Automation concepts and basics (AS3, Ansible)
- Lab exercises for LTM configurations

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Training Centres worldwide





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