



Enterprise Computing Solutions - Education Services

## TRAINING OFFERING

---

**Sie erreichen uns unter**

Arrow ECS GmbH, Elsenheimerstraße 1, 80687 München

Email: [training.ecs.de@arrow.com](mailto:training.ecs.de@arrow.com)

Phone: +49 (0)89 930 99 168



# BIG-IP Administration Training (2 days)

<b>CODE:</b>	<b>LÄNGE:</b>	<b>PREIS:</b>
F5N_BIG-OP-ADMIN	2 Tage	€2,200.00

## Description

This course gives network administrators, network operators, and network engineers a functional understanding of the BIG-IP system as it is commonly deployed in an application delivery network. The course introduces students to the BIG-IP system, its configuration objects, how it processes traffic, and how typical administrative and operational activities are performed. The course includes lecture, hands-on labs, interactive demonstrations, and discussions.

## Lernziel

- Describe the role of the BIG-IP system as a full proxy device in an application delivery network
- Set up, start/restart/stop, license, and provision the BIG-IP system out-of-the-box
- Create a basic network configuration on the BIG-IP system including VLANs and self IPs
- Use the Configuration utility and TMSH to manage BIG-IP resources such as virtual servers, pools, pool members, nodes, profiles, and monitors
- Create, restore from, and manage BIG-IP archives
- View resource status, availability, and statistical information and use this information to determine how the BIG-IP system is currently processing traffic
- Use profiles to manipulate the way the BIG-IP system processes traffic through a virtual server
- Perform basic troubleshooting and problem determination activities including using the iHealth diagnostic tool
- Support, and view traffic flow using TCPDUMP
- Understand and manage user roles and partitions
- Configure and manage a sync-failover device group with more than two members
- Configure stateful failover using connection mirroring and persistence mirroring

## Zielgruppe

This course is intended for network administrators, operators, and engineers responsible for managing the normal day-to-day operation and administration of a BIG-IP application delivery network. This course presents the prerequisite knowledge for many other of F5's BIG-IP instructor-led training courses.

## Voraussetzungen

The following free web-based training courses, although optional, will be very helpful for any student with limited BIG-IP administration and configuration experience. These courses are available at F5 University:

- Getting Started with BIG-IP web-based training
- Getting Started with BIG-IP Local Traffic Manager (LTM) web-based training

The following general network technology knowledge and experience are recommended before attending any F5 Global Training Services 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

## Inhalt

- Getting started with the BIG-IP system
- Traffic processing with BIG-IP Local Traffic Manager (LTM)
- Using TMSH (TMOS Shell) command line interface
- Using NATs and SNATs
- Monitoring application health and managing object status
- Modifying traffic behavior with profiles, including SSL offload and re-encryption
- Modifying traffic behavior with persistence, including source address affinity and cookie persistence
- Troubleshooting the BIG-IP system, including logging (local, high-speed, and legacy remote logging), and using TCPDUMP
- User roles and administrative partitions
- vCMP concepts
- Configuring high availability (including active/standby and connection and persistence mirroring)

## Major Course Changes since v13

- Default admin/root accounts passwords are now expired by default on new installations. A discussion on this change of behavior is now available, and labs have been updated accordingly.
- The Cookie persistence section and labs are no longer included in this course. This content has been moved to the Configuring LTM curriculum.
- A new chapter, Configuring and Managing a High Availability Environment (formerly in the *Configuring LTM* class) is now included in this course.
- The iRules chapter has been removed from this course.

## Weitere Informationen

- Bitte beachten Sie, dass diese Kurse direkt beim Hersteller stattfinden und Arrow ECS Education nur als Vermittler auftritt.
- Die Verfügbarkeit von freien Plätzen können wir trotz Ihrer Online-Buchung/Bestellung leider nicht gewährleisten.
- Installation und Kursunterlagen sind Englisch.
- Dieser Kurs ist nicht rabatt- und prämiensprogrammfähig!
- Bitte beachten Sie - der original Listenpreis des Herstellers beträgt 1995 USD. Sie haben die Möglichkeit, diesen Kurs in USD zu bestellen und zu bezahlen. Wenn Sie dies wünschen, geben Sie es bitte ausdrücklich im Kommentarfeld des Bestellformulars an.

## Kurstermine

Datum	Lokation	Time Zone	Sprache	Type	Durchführungsgarantie	PREIS
19 Dec 2022	Virtual Classroom	EET	German	Instructor Led Online		€2,200.00
19 Dec 2022	Virtual Classroom	GMT	English	Instructor Led Online		€2,200.00
30 Jan 2023	Virtual Classroom	EET	German	Instructor Led Online		€2,200.00
20 Feb 2023	Virtual Classroom	GMT	English	Instructor Led Online		€2,200.00
20 Mar 2023	Virtual Classroom	EET	German	Instructor Led Online		€2,200.00
27 Mar 2023	Virtual Classroom	BST	English	Instructor Led Online		€2,200.00

## Zusätzliche Information

Diese Schulung ist auch als Vor-Ort-Schulung verfügbar. Bitte kontaktieren Sie uns, um mehr zu erfahren.