

# BIG-IP Administration Install, Initial Configuration, and Upgrade (F5CAB1)

Learn how to install, configure, secure, and upgrade BIG-IP systems with this hands-on F5CAB1 training. This F5 exam is one of five exams you need to earn the F5 Certified Administrator credential. You'll practice real-world admin tasks like managing software images, setting up licensing, and locking down access, all while preparing for the BIG-IP Administration Install, Initial Configuration, and Upgrade exam. Perfect for network admins and system engineers working with F5 who want to build confidence and prove their skills.

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## WEEK 1

### Analyzing Network Communications

155 min.

Dynamic Host Configuration Protocol (DHCP)	4
Layer 2 Communications	9
Layer 3 Communications	11
Virtual LANs (VLANs)	13
Firewalls	6
Validation	2

### Creating an F5 BigIP Virtual Lab

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VMware Networking Setup	2
Deploying our F5 BigIP in Vmware	6
BigIP Basic Configurations	13
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Deploying Lab Web Servers	8
Creating a Virtual Server and Testing	7
Validation	4

### Exploring Application Objects and Load Balancing

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Updating Our Web Servers	3
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Configuring Ratio Load Balancing	3
Dynamic Load Balancing Options	7

Priority Group Activation	5
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Fallback Hosts	2
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Validation	1

### Securing BIG-IP

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Identify Management Connectivity Configuration	14

## WEEK 2

**129 min.**

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Port Lockdown	7
Configure DDoS Vectors	5
Module Provisioning and Licensing	7
Creating a Password Policy	6
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### Using Support Resources

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### Managing UCS Files and Software Images

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Restoring From A UCS File	3
Process For Deploying Software To An HA Pair	5
Deploying A New Software Image To An HA Pair	13
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Validation	5