



ADX Advanced Techniques in Server Load Balancing

Duration: 3 Days **Course Code: CLP240**

Overview:

This advanced course provides an in-depth study of Server Load Balancing (SLB) using Brocade ADX ServerIron products. The course focuses on advanced techniques of implementing SLB in a variety of network topologies. It includes an intense study of SLB theory of operations, configuration, network design and troubleshooting. The course is lab-intensive and as result, fast-moving. Key topics include, but are not limited to; Load Balancing, Global Server Load Balancing (GSLB), SSL, High Availability (HA) and Layer 7 switching. This is a blended learning course that includes a three day instructor-led event with additional web-based training content.

Target Audience:

This course is designed for: Network administrators, system administrators, network architects, along with systems engineers and application engineers involved in the design, deployment, and management of Brocade application switching products. This course is also for those who are preparing to take the BCLP Certification Exam.

Objectives:

- Upon completing this course, the learner will be able to meet these overall objectives:
 - Identify key SLB techniques available using the Brocade IP Networking products.
 - Implement advanced designs and configurations in Server Load Balancing (SLB).
 - Implement a Basic SLB design.
 - Implement advanced SLB, Health Checks and Layer 7 switching features.
 - Tune the Brocade SLB implementation for fast Active-Active failover and thus HA.
 - Determine the appropriate SLB design for a given network.
 - Implement the Packet Capture feature.
 - Describe and implement SSL framework.
 - Identify key security issues and implement DoS protection.
 - List key architectural components.
 - Discuss and implement GSLB and Route Health Injection (RHI).
 - Prepare for the Brocade Certified Layer 4 – 7 Professional (BCLP) certification exam (150-420).
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Prerequisites:

- Basic Switch/Router Configuration and Management course or equivalent knowledge
- Introduction to Web Switching and Load Balancing course
- Brocade IP networking CLI experience

Testing and Certification

This course (including pre-requisites, web-based training components and BCLP Nutshell information) teaches and reinforces a majority of the skills necessary to prepare for the following exam: (150-420) Brocade Certified Layer 4-7 Professional (BCLP)

Content:

DURATION: 3 days plus web-based training
FORMAT: Lecture (40%) Hands-on lab exercises (60%)

- Provides an in-depth study of Server Load Balancing (SLB) using Brocade ADX ServerIron products.
- Focuses on advanced techniques of implementing SLB in a variety of network topologies.
- Includes an intense study of SLB theory of operations, configuration, network design and troubleshooting.
- Lab-intensive and fast-moving. Key topics include, but are not limited to; Load Balancing, Global Server Load Balancing (GSLB), SSL, High Availability (HA) and Layer 7 switching.
- This is a blended learning course that includes a three day instructor-led event with additional web-based training content.
- The web-based content includes the BCLP in a Nutshell guide, it also includes classroom content deemed optional because of classroom time constraints.

Further Information:

For More information, or to book your course, please call us on 00 971 4 446 4987

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