Introduction to ServerIron ADX Application Switching and Load Balancing
(CLE 202)

BROCADE EDUCATION SOLUTIONS

Brocade Certified Layer 4-7 Engineer

DESCRIPTION:

This training course is a comprehensive study of the Layer 4 through 7 features of Brocade ServerIron ADX products. The student gains hands-on experience in configuration of typical installations with the ServerIron product. Lecture topics are supported with real world labs involving: Source NAT, Direct Server Return, Active-Active Server Load Balancing, and Global Server Load Balancing (GSLB).

OBJECTIVES:

Upon successful completion of this course, students should be able to:

- Identify where Brocade ServerIron ADX products are used in a typical data network.
- Describe the core functions and capabilities of the ADX GUI.
- Configure the ServerIron ADX in Layer 4 through 7 SLB applications using the CLI or GUI.
- Incorporate fault tolerance and high availability at:
  - The local level with multiple servers that failover.
  - The public address level with multiple Virtual IP addresses (VIPs) that failover.
  - The global level with multiple business sites that failover.
- Implement policy-based switching keying on cookies or URL parsing using CSW.
- Implement GSLB with and without an authoritative DNS server.

PREREQUISITES:

Working knowledge of:

- Brocade Ethernet CLI
- Brocade Router Interface addressing
- Domain Name Service (DNS)
- OSI reference model
- Classification of TCP/UDP traffic based on port number
- URL address structure

AUDIENCE:

This course is designed for network administrators, system administrators, network architects, systems engineers, and technical support engineers that are involved with installation, configuration, maintenance, and basic troubleshooting of Brocade Layer 4-7 application delivery products.

DELIVERY OPTIONS:

The CLE 202 course is available in five versions:

- **CLE 202-ILS**: Two days of instructor-led classroom training with simulated lab exercises.
- **CLE 202-ILT**: Two days of instructor-led classroom training with hands-on lab exercises.
- **CLE 202-VCS**: Two days of virtual classroom training with simulated lab exercises.
- **CLE 202-VCT**: Two days of virtual classroom training with hands-on lab exercises.
- **CLE 202-WBT**: 12 hours of web-based training and simulated lab exercises.

Brocade Education Solutions provides you with several options to attend training:

- Course delivery:
  - **Instructor-led** courses, taught by an instructor in a classroom
  - **Virtual classroom** courses, taught by an instructor in an on-line environment
  - **Web-based** courses that are self-paced and studied on-line
- Lab exercises:
  - **Hands-on labs** use remotely-accessed lab equipment that is available only during the course
  - **Simulated labs** use pre-recorded software simulations that are available during and after the course

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