



Riverbed Course Overview

Riverbed is one of the best optimizer and load balancer which can be used across the globe. Every organization needs to make sure that their business application is giving the same outcome to give the best productivity. The expectation can only be met if the data must always be available every time whenever needed. Steelhead offers the best and secure optimization techniques across several networks to any user. Individual can access web apps and data with reduced price across the world.

About the training

- **Study Material:-** Live Instructor-led lectures, Streaming Recorded Videos, Online Lab Workbook and Remote Virtual Lab access.
- **Duration:-** 1 Month

What you will learn

- Explore about Steelhead Appliances
- SteelCentral controller for SteelHead
- SteelHead Mobile
- Brief knowledge about Virtual Services Platform
- Knowledge about Quality of Service
- Understanding Serial and parallel SteelHead clusters
- Implementing Web Cache Communication Protocol
- SteelHead Interceptor infrastructure solutions

About Instructor

The instructor of the course has 12+ years of industrial experience and is highly expert in Riverbed products in Enterprise and Data Center surrounding. He has explained every topic briefly with all his knowledge about Riverbed. Moreover has delivered 150+ corporate and retail training on various data and security products.

Course Content:

Module - 1 Riverbed Steelhead walkthrough

- Intro to RiOS optimization
- Data streamlining
- Application streamlining
- Transport Streamlining
- RiOS control and health
- In path rule, wan visibility modes
- Satellite with high-speed TCP
- Scaling & Sizing deployment
- Deployment troubleshooting & various use cases
- Lab Scenario 1 - Bring up management & Licensing
- Lab Scenario 2 - Basic network configuration & test
- Lab Scenario 3 - Explore CLI & GUI features & options

Module - 2 Steelhead Deployment & use cases

- In-path deployment
- Out-of-path deployment
- Logical in-path w/wo WCCPv2
- Hybrid Deployment
- Serial, Parallel, Quad core deployment
- Integrating Steelhead to Windows domain for various application & protocols optimization
- Lab Scenario 1 - Test/troubleshoot & Fix deployment problems
- Lab Scenario 2 - Configure & Test Optimizing with CIFS
- Lab Scenario 3 - Configure & Optimization with HTTP

Module - 3 Riverbed Interceptor

- Basic Introduction to Interceptor
- Why Interceptor required
- Different deployment methods
- Serial, Parallel, Quad core deployment
- Pass through & redirection mechanism
- Optimized connections Load balancing Methods
- Integrating Interceptor with Steelhead
- Basic maintenance & connection forwarding
- Validate deployment troubleshooting - Connection Forwarding
- Lab 1 - Navigate Interceptor Appliance CLI/GUI and explore features
- Lab 2 - Integrate Steelhead with Interceptor
- Lab 4 - Load Balancing & other maintenance tasks

Module - 4 SteelCentral Controller for SteelHead/SCC

- Managing your deployment
- SteelCentral Controller for steelheads

- SteelHead policies & Appliance grouping
- Deploying and Configuring QoS using the SCC
- Policy push & Fetch operations using Steelhead
- Other maintenance & Reporting using SCC
- Lab 1 - Joining Steelheads to SCC
- Lab 2 - Policy/Group configuration
- Lab 3 - Bringining Steelhead appliance to correct group and push correct policy
- Lab 4 - Deploying and Configuring QoS using the SCC

Note: ***Most of the course topics are covered with hands-on lab exercises and others are theoretical

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