



Steelhead Optimization Workshop (MTC-SH-WK-001) (2 Days)

COURSE OVERVIEW

This is a 2-day course which covers on the essential knowledge that you need to do planning, deployment, configuration and testing of an installation Riverbed Steelhead Appliance based on the RiOS operating system. Some of the basic troubleshooting will be discussed during the course.

WHO SHOULD ATTEND?

Technical persons who support, planning, deployment, configuration and testing should attend this course including:

- System Administrators
- System Engineers
- Support Analysts
- Network Engineers

PREREQUISITES

The equivalent inter-networking knowledge extremely helpful (routing protocols, TCP/IP, network design and troubleshooting). Basic knowledge of operating system administration (Windows or Linux) helpful

COURSE OBJECTIVES

Upon completion of the course, you will be able to:

- List the features of all products within the Riverbed SteelHead product family
- Perform a basic installation and configuration of the SteelHead
- Navigate within the Management Console (GUI) and the Command Line Interface (CLI) of the respective devices
- Configure and deploy the Steelhead appliances
- Size the SteelHead appliances for a given network
- Perform network integration
- Perform basic troubleshooting and identify any potential problems that might occur when deploying the products

COURSE TOPICS

- Understand what WAN Optimization is
 - Discuss about the current bottleneck / problem of the network traffic
 - Discuss about how Riverbed focus to solve the network traffic issue from the aspect of network layer, transport layer and application layer.
- Go thru Step-by-Step initial setup of the Steelhead Appliance
- Discuss what the available Deployment method are
- Understand how you should do your sizing
- Find out which steelhead model suit your current/future requirement
- Common Troubleshooting will be covered such as:
 - resetting the password of the steelhead appliance
 - Duplex issue
 - Network Cable setup
 - Firewall Issue and Ports that should be opened in the firewall rule base
 - create System Dump for opening case with Riverbed Support
 - Backup the configuration
 - How to make use of your Users / System Logs to understand your issue
- Discuss on setting up the SNMP v1/v2/v3 for the Network Monitoring System
- Discuss on the configuration of the Steelhead to send out Netflow information to your Network Monitoring System
- Understand what type of the Reporting feature being provided such
 - Optimized Throughput
 - Traffic Summary
 - Connection History
 - Current Connections
 - Interface Counter and TCP Statistics
 - CPU Utilization
 - Top Talker