

RCPE Professional Enterprise WAN Optimization



RCPE-P-EOPT

This five-day professional level course covers the acceleration of applications in enterprise class environments.

The Riverbed® Certified Performance Engineering (RCPE) Professional Enterprise WAN Optimization course expands on the principles of WAN optimization technology that accelerate delivery of applications over the hybrid WAN for the large scale, complex IT enterprise.

The primary objective of the RCPE Professional Level course in Enterprise WAN Optimization is to teach IT professionals how to increase application performance in large scale, consolidated environments.

Use cases for implementation of optimization architectures and how WAN solutions can enhance digital performance will be reviewed. This course will culminate with a comprehensive practical implementation of an enterprise scale optimized solution.

Upon completion of this course, participants will be able to greatly improve traffic throughput and therefore enhance the user experience in a highly converged environment.

The RCPE Professional Level Enterprise WAN Optimization training is a key component of the RCPE WAN Optimization Track.

Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Describe the challenges experienced by hybrid enterprises and how WAN optimization can help
- Deploy optimization in complex environments
- Redirect traffic to SteelHeads Out-of-Path
- Implement Web Cache Control Protocol V2
- Cluster SteelHeads using Interceptors
- Analyze the advantages and disadvantages of each deployment option
- Optimize home-based or mobile workers
- Optimize cloud-based applications
- Deploy virtual SteelHead solutions
- Secure and harden your SteelHeads
- Increase performance using TCP enhancements
- Compile topologies to enable network services
- Manipulate traffic using QoS to manage congestion
- Enhance application performance using path selection
- Encrypt traffic using Secure Transport

Relevant Solutions

- WAN Optimization solutions (SteelHead Interceptor, SteelHead CX, SteelHead GX, SteelHead-v, SteelHead SaaS, SteelHead Cloud, SteelCentral Controller, SteelCentral Controller for SteelHead Mobile)

Course Availability

Classroom training is available to prospective students and includes lectures by a Riverbed Certified Solution Instructor (can be In-person or Virtual instructor-led) and access to the Riverbed eLabs for hands-on experience. Each class is priced per student attendee. We recommend dedicated classroom training for organizations with 8 or more students.

Dedicated Classroom Training is available exclusively for one customer at a customer-designated facility. Each class includes lectures by a Riverbed Solution Instructor and access to the Riverbed eLabs. Each class is priced per event and is ideally suited for 8 students to 14 students.

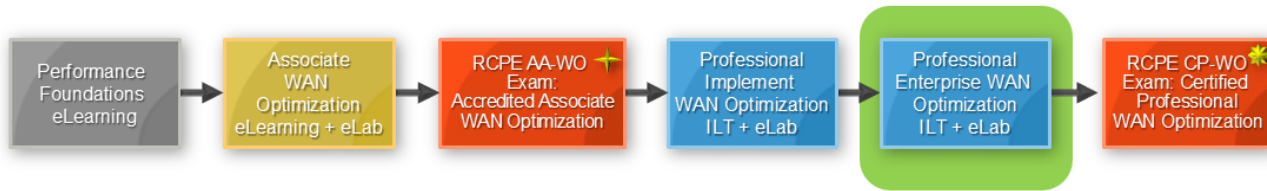
Self-Paced training is available to students and combines rich and interactive content, along with hands-on labs, delivered through the Riverbed Education Portal and conducted at your own pace.

Course Outline

Design Workflow	Modules
Plan	<ul style="list-style-type: none">• Review Optimization Principles• Deploy Optimization in Complex Environments• Redirect Traffic to SteelHeads Out-of-Path• Implement Web Cache Control Protocol V2• Cluster SteelHeads Using Interceptors• Analyze the Advantages and Disadvantages of each Deployment Option
Build	<ul style="list-style-type: none">• Optimize Home-based or Mobile Workers• Optimize Cloud-based Applications• Deploy Virtual SteelHead Solutions• Secure and Harden your SteelHeads
Optimize	<ul style="list-style-type: none">• Increase Performance Using TCP Enhancements• Compile Topologies to Enable Network Services• Manipulate Traffic using QoS to Manage Congestion• Enhance Application Performance Using Path Selection• Encrypt Traffic Using Secure Transport

RCPE Professional: WAN Optimization Certification Track

You are here...



More Information

For more information, please visit the RCPE section of our website:

<https://education.riverbed.com/>

About Riverbed

Riverbed®, The Digital Performance Company™, enables organizations to maximize digital performance across every aspect of their business, allowing customers to rethink possible. Riverbed's unified and integrated Digital Performance Platform™ brings together a powerful combination of Digital Experience, Cloud Networking and Cloud Edge solutions that provides a modern IT architecture for the digital enterprise, delivering new levels of operational agility and dramatically accelerating business performance and outcomes. At more than \$1 billion in annual revenue, Riverbed's 30,000+ customers include 98% of the *Fortune* 100 and 100% of the *Forbes* Global 100.

Learn more at riverbed.com.

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