

RCPE Professional Application Optimization



RCPE-P-AOPT

This four-day professional level course covers an in-depth experience of the Riverbed® Optimization System (RiOS®) with hands-on configuration of applications and protocols using the Riverbed® SteelHead™ Appliance.

The Riverbed® Certified Performance Engineering (RCPE) Professional Application Optimization instructor-led course introduces application streamlining and transport optimization for business continuity.

This course provides common and advanced use cases for application-layer acceleration of video, e-mail, HTTP, VDI and backup & replication environments. The class also covers integration with Active Directory environments and ways to securely optimize commonly encrypted protocols such as SSL, encrypted MAPI and encrypted SMB3.

This RCPE professional course is specifically designed for individuals that are involved in the administration of application servers, Active Directory, and the deployment of Riverbed Steelhead product family devices in enterprise environments.

The RCPE Professional Level Application Optimization instructor-led training is a key component of the RCPE WAN Optimization Track.

Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Explain the challenges of hybrid enterprises in the digital age and how Riverbed WAN optimization can help.
- Describe the key issues of transporting applications across wide area networks and how this impacts the modern business.
- Explain the technical network details of key modern business applications and how the performance of these applications affects the business.
- Configure Riverbed SteelHead appliance to accelerate these applications.

Relevant Solutions

- Riverbed® Optimization System (RiOS®), SteelHead CX

Course Availability

Cost: 40 Training Credits

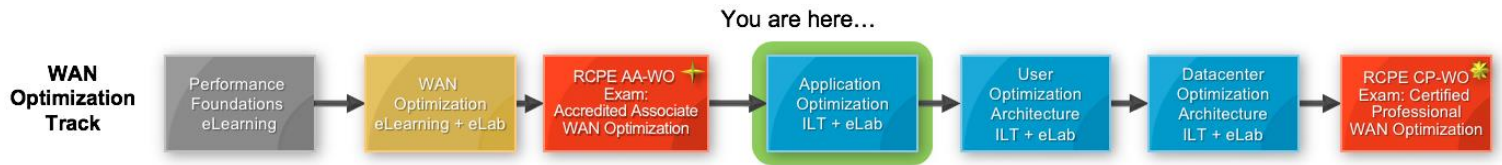
Classroom training is available to prospective students and includes lectures by a Riverbed Certified Solution Instructor and access to the Riverbed eLabs for hands-on experience. Each class is priced per student attendee. We recommend dedicated classroom training for organizations with 8 or more students.

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.

Course Outline

Module	Topic
RiOS Optimization Review	<ul style="list-style-type: none">• The Hybrid Enterprise• WAN Optimization Techniques• Network Integration
Application Streamlining	<ul style="list-style-type: none">• Working with Active Directory• Optimizing Windows File Share• Optimizing Mail Traffic• Optimizing HTTP Traffic• SteelHead SaaS
Transport Optimization	<ul style="list-style-type: none">• Video, Voice, and UDP Traffic• SSL and Secure Optimization
Other Enterprise Services	<ul style="list-style-type: none">• Business Continuity and DR• Optimizing VDI

RCPE Professional: WAN Optimization Certification Track



More Information

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

<https://www.riverbed.com/RCPE>

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](https://www.riverbed.com).

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