

RCPE Professional User Optimization Architecture



A professional level course covering acceleration of application performance and high-performance WAN networks

The Riverbed® Certified Performance Engineering (RCPE) Professional User Optimization Architecture eLearning course introduces WAN optimization technology to accelerate delivery of applications over the hybrid WAN for the modern IT enterprise.

The primary objective of the RCPE Professional Level course in User Optimization Architecture is to teach IT professionals how to optimize user traffic between clients and servers and from one site to the next.

Use cases for implementation of user optimization architectures and how WAN solutions can enhance digital performance will be reviewed.

Upon completion of this course, participants will be able to greatly improve traffic performance for a multi-site organization across WANs by installing and configuring appliances.

An RCPE certification in WAN Optimization is offered after completing all courses at this level.

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.
- Demonstrate how traffic can be optimized to improve performance.
- Integrate WAN accelerators into existing networks.
- Administer appliances.
- Select specific traffic to optimize using in-path rules.
- Manage a large WAN optimization estate.
- Optimize remote users.
- Monitor performance using various reports.
- Troubleshoot common optimization problems.
- Integrate appliances with other performance solutions.

Relevant Solutions

- WAN Optimization solutions (SteelHead CX, SteelHead SD, SteelHead Mobile, SteelCentral Controller, SteelCentral Controller for Mobile, SteelCentral Portal)

Course Availability

Classroom training is available to prospective students and includes lectures by a Riverbed® Certified Solution Instructor and access to the Riverbed® University eLab 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® University eLab. Each class is priced per event and is ideally suited for 8 students to 14 students.

Course Outline

Design Workflow	Modules
Plan	<ul style="list-style-type: none">• Introduce WAN Optimization• Review WAN Optimization Theory• How Traffic is Optimized
Build	<ul style="list-style-type: none">• Configure Rules to Optimize Traffic• Configure Settings and Security• Integrate SteelHeads into Existing Networks• Deploy the SteelCentral Controller to Manage Appliances• Deploy the SteelHead Mobile Solution
Run	<ul style="list-style-type: none">• Monitor Performance• Troubleshoot Performance Issues• Integrate with Other Products

RCPE Professional: WAN Optimization Certification Track

You are here...



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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