riverbed

RCPE Professional SD-WAN Enhanced Network Configuration

RCPE-P-ENET

This four-day professional level course covers end-to-end digital performance through network configuration solutions for the branch and datacenter.

The Riverbed® Certified Performance Engineering (RCPE) Professional SD-WAN Enhanced Network Configuration course teaches IT professionals how to meet enterprise business needs through SD-WAN solutions and how to configure the appliances and software that make it all happen.

Use cases for implementation of LAN, WAN, datacenter, cloud, and end-to-end topologies that enhance digital performance will be reviewed.

Upon completion of this course, participants will be able to adopt a software-defined approach to configuring their networks.

An RCPE Professional Certification in Network Configuration is offered after completing all courses at this level.

Prerequisites

If learner is on a certification track:

- RCPE Performance Foundations
- RCPE Associate: Network Configuration (eLearning) and eLabs
- RCPE Associate Accreditation in Network Configuration (as in participant has passed the accreditation exam.)
- Knowledge of OSPF, BGP and L3 MPLS VPNs

Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Describe the Challenges Experienced by Hybrid Enterprises and How SD-WAN Can Help
- Describe the SD-WAN Solution
- Install the HeadEnd
- Configure Branch Deployments
- Accelerate provisioning using templates and workflows
- Integrate SteelConnect EX Routing
- Protect SD-WAN Using High Availability
  - Director HA
  - Analytics HA
  - Controller HA
- Monitor SLAs
- Steer Applications using Traffic Paths
- Regulate Traffic using Quality of Service
- Secure your network
- Analyze network performance

Relevant Solutions

- SteelConnect EX Director, SteelConnect EX Analytics, SteelConnect EX Controller, SteelConnect EX FlexVNF

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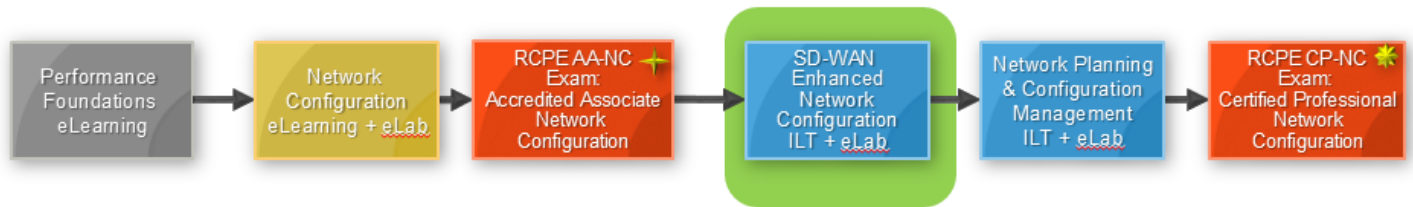
Self-Paced training is available to students and combines rich and interactive content, along with hands-on labs, delivered through the Riverbed Education Portal and conducted at your own pace.

Course Outline

Design Workflow	Modules
Plan	- Describe the Enhanced SD-WAN Solution - Explore the Components of the Enhanced SD-WAN Solution
Build	- Install the HeadEnd - Configure Branch Deployments - Accelerate Provisioning Using Templates and Workflows - Integrate SteelConnect EX Routing - Protect SD-WAN Using High Availability
Run	- Monitor SLAs - Steer Applications Using Traffic Paths - Regulate Traffic Using Quality of Service - Secure your Network - Analyze Network Performance

RCPE Professional: Network Configuration 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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