

# RCPE Professional Branch & Datacenter Network Configuration



## RCPE-P-BNET

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 Branch & Datacenter Network Configuration instructor-led 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.

## 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.
- List the Components of an SD-WAN Solution.
- Design a Virtual Network.
- Secure and Control Traffic Using Policies.
- Configure Wi-Fi Access.
- Deploy and Manage Appliances.
- Review Routing Protocols.
- Describe How a Packet Traverses a Network.
- Deploy LAN Topologies.
- Deploy WAN Topologies.
- Deploy Datacenter Topologies.
- Deploy Cloud Topologies.
- Deploy End-to-End Topologies.
- Troubleshoot Deployments.

## Relevant Solutions

- SteelConnect, Xirrus Wi-Fi, SteelHead SD

## Course Availability

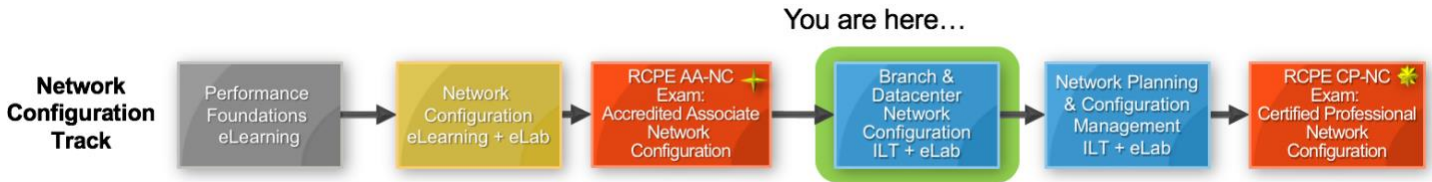
Classroom training is available to prospective students and includes lectures by a Riverbed Certified Solution Instructor and access to the Riverbed eLabs for hands-on experience. Each class is priced per student attendee. We recommend dedicated classroom training for organizations with 8 or more students.

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

Design Workflow	Modules
<b>Plan</b>	<ul style="list-style-type: none"><li>• Describe How an SD-WAN Solution Addresses the Challenges of the Hybrid Enterprise</li><li>• Describe the SD-WAN Solution</li><li>• Describe the Components of an SD-WAN Solution</li></ul>
<b>Build</b>	<ul style="list-style-type: none"><li>• Design a Virtual Network</li><li>• Secure and Control Traffic Using Policies</li><li>• Configure WiFi Access for Users</li><li>• Deploy and Manage Appliances</li></ul>
<b>Optimize</b>	<ul style="list-style-type: none"><li>• Review Routing Protocols</li><li>• Describe How a Packet Traverses a Network</li><li>• Deploy LAN Topologies for SDI Branches</li><li>• Deploy WAN Topologies for SDI Branches</li><li>• Deploy Branch Topologies</li><li>• Deploy Datacenter Topologies</li><li>• Deploy Cloud Topologies</li><li>• Deploy End-to-End Topologies for SDI Gateways</li><li>• Troubleshoot Deployments</li></ul>

## RCPE Professional: Network Configuration Certification Track



### More Information

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

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

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#### 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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