RCPE Professional Network Planning & Configuration Management

RCPE-P-NPCM

This four-day, modular professional level course covers the concepts and use-cases for optimizing network monitoring and performance.

The Riverbed® Certified Performance Engineering (RCPE) Professional *Network Planning & Configuration Management* instructor-led course enables network administrators to effectively optimize network monitoring and performance, audit and report on your networks, and leverage simulation tools to assess future performance and modifications in a virtual environment.

Use cases for network issues will be examined, as well as how using network configuration management solutions help you create simple and custom analytics and alert criteria to monitor business-critical events and take necessary actions to solve performance issues.

An RCPE certification in *Network Planning & Configuration Management* is offered after completing the four-day course.

Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Explain how to monitor and optimize your network.
- Describe how the monitoring solution works.
- Add devices and create sites and groups.
- Create network topology and connection inference.
- Navigate through detailed device configuration, metrics, and status.
- Monitor network performance with polling, alerts, and notifications.
- Measure network and application availability using synthetic testing.
- Optimize network planning & design by utilizing key planning concepts.
- Explain planning mechanics and workflow.
- Perform network capacity reporting.
- Implement proactive change validation.
- Describe how the web-based and desktop-based auditing solution works.
- Generate web-based and desktop-based network diagrams.
- Perform audits and enforce policy compliance.

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Relevant Solutions

- SteelCentral NetIM, SteelCentral NetAuditor, SteelCentral NetPlanner, SteelCentral Portal
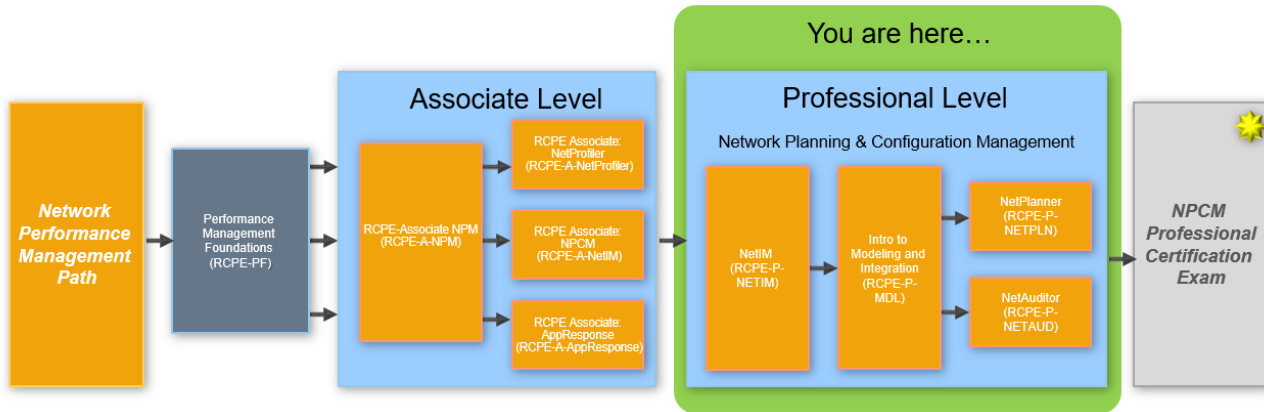
Course Availability

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

Course Outline

Design Workflow	Modules
NetIM	- Introduce Network and Infrastructure Performance Monitoring - Capture and Organize Network Information - Monitor Network Performance
NetPlanner	- Introduce the Network Model: Network Planning and Design - Perform Network Capacity Reporting
NetAuditor	- Introduce Network Auditing and Reporting - Generate Desktop-Based Network Diagrams - Perform Configuration Audits and Enforce Policy Compliance
Portal	Introduction to Portal Consolidated Data

RCPE Professional: Network Performance Management

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.

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