

RCPE Professional AppResponse 11 Operations & Administration



RCPE-P-AR11

This professional level course covers the concepts and use cases of network-based application performance monitoring and troubleshooting focusing on the AppResponse 11 packet visibility solution.

The Riverbed® Certified Performance Engineering (RCPE) Professional AppResponse 11 course teaches IT professionals how to plan, build, and run enterprise grade packet capture and analysis solutions that can be used to monitor, triage, and troubleshoot network application performance.

Upon completion of this course, participants will be able to execute on core concepts critical to understanding performance problems and bottlenecks in modern multi-tier networked applications. In addition, they will analyze metrics collected using packet capture and inspection techniques. Participants will also gain hands-on configuration and problem-solving experience.

The RCPE Professional Level AppResponse 11 course is a key component of the RCPE Network Performance Management Track.

Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Describe potential reasons for poor application performance.
- Explain network-based application performance monitoring and troubleshooting.
- Identify causes of common performance problems using Insights.
- View network and application usage and performance data.
- Describe how the AppResponse solution identifies data groups and applications.
- Describe the traffic matching criteria used by the AppResponse solution.
- Monitor Web Applications.
- Evaluate Web Application and Database Performance.
- Describe Metrics and Data Types.
- Create monitoring policies and alerts.
- Integrate AppResponse with NPM Solutions.

Relevant Solutions Addressed:

- Riverbed SteelCentral AppResponse 11

Course Availability

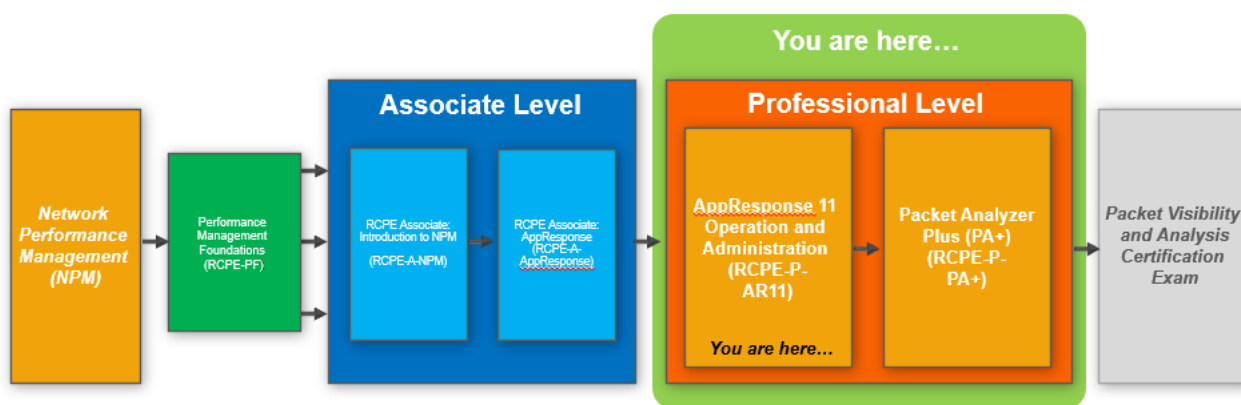
This course is available either as self-paced or instructor-led (virtual or physical), with both modes including access to the Riverbed eLabs for hands-on experience. Instructor-led sessions receive lectures and facilitation from a qualified Instructor.

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

| Modules | Course Topics |
|--|--|
| Introduce Packet Visibility | <ul style="list-style-type: none">• Describe the importance of application performance monitoring using network-based metrics.• Plan implementations with modules and integrations. |
| Answer Common Performance Questions | <ul style="list-style-type: none">• Identify causes of common performance problems.• View network and application usage and performance data. |
| Plan Packet Capture Deployments | <ul style="list-style-type: none">• Review deployment options.• Perform an initial configuration.• Capture packets.• Centralize AppResponse Management. |
| Configure Custom Groups and Applications | <ul style="list-style-type: none">• Define data groups.• Define applications. |
| Monitor Application & Network Performance | <ul style="list-style-type: none">• Evaluate application performance based on TCP and IP metrics.• Monitor web applications.• Evaluate web application performance.• Evaluate database performance.• Describe metrics and data types.• Create monitoring policies and alerts. |
| Integrate AppResponse with NPM Solutions | <ul style="list-style-type: none">• Integrate AppResponse and NetProfiler.• Integrate AppResponse and Portal. |

RCPE Professional: Network Performance Management 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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