

# RCPE Associate Virtualization & Storage



## RCPE-A-VS

An associate level course covering hyper-converged branch solutions that brings the value of your data center into remote offices.

The Riverbed® Certified Performance Engineering (RCPE) Associate Virtualization & Storage eLearning course introduces an innovative hyper-converged branch architecture for the modern IT enterprise to maximize agility, continuity and security at the network edge. Employee productivity is also improved by decreasing downtime at the edge as a result of routine maintenance or unplanned technical issues.

Virtualization and storage solutions leveraging this hyper-converged branch architecture support IT enterprises by:

- Consolidating remote office data into the secured data center while delivering local application performance for end-users located at the remote office.
- Centralizing data and data management at the data center which facilitates orchestration of storage management operations. Increased IT agility reducing the edge infrastructure provisioning times.

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- Protecting data with live consistent backups of all remotely provisioned servers.

As a part of this introduction, alignment, design and implementation of hyper-converged branch solutions are covered with a focus on real-world use cases.

An eLab and an accreditation exam for the Virtualization & Storage course are offered for those interested in RCPE Associate Accreditation.

## Learning Objectives and Capabilities

After completing this course, participants will be able to:

- Identify and address virtualization and storage-based business performance challenges.
- Align Riverbed solutions to virtualization and storage-based business performance challenges.
- Design hyper-converged branch performance solutions.
- Implement hyper-converged branch performance solutions.
- Achieve business outcomes using the hyper-converged branch performance solutions.

## Relevant Solution

- SteelFusion

## Course Availability

Cost: 15 Training Credits

Self-paced training is available to prospective students which combines rich and interactive content, along with hands-on lab (for accreditation), delivered directly to your web browser and conducted at your own pace.

This course is available as a standalone module, but, if taken as a part of the RCPE accreditation track, completion of the RCPE Performance Foundations course is a mandatory requirement prior to attempting this course.

## Course Outline

Module	Outcomes
Business Performance Challenges	<ul style="list-style-type: none"><li>• Identify business outcomes tied to the solution technology</li></ul>
Solution Alignment	<ul style="list-style-type: none"><li>• Align solutions to their business performance requirements</li></ul>
Solution Design	<ul style="list-style-type: none"><li>• Size the hyper-converged branch solution appropriately for business requirements</li><li>• Configure the appropriate storage LUNs identifying physical or virtual storage devices</li><li>• Identify and implement high availability requirements at the core and edge</li></ul>
Solution Implementation	<ul style="list-style-type: none"><li>• Install and configure Hyper-Converged branch solutions</li><li>• Implement data protection features</li></ul>
Business Outcomes	<ul style="list-style-type: none"><li>• Monitor and triage a hyper-converged branch solution</li><li>• Successfully run and manage a hyper-converged branch solution</li></ul>

## 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).

The Riverbed logo consists of the word "riverbed" in a lowercase, sans-serif font. The letters are orange, and there is a small registered trademark symbol (®) at the top right of the letter "d".

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