

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

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

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).

The logo for Riverbed, featuring the word "riverbed" in a lowercase, orange, sans-serif font.

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