

RCSA-HCB

Riverbed Certified Solutions Associate
Hyper-Converged Branch

Exam 501-01 Prep/Blueprint

Version 2018-1

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Preface

This Riverbed® certification blueprint is intended for anyone who wants to become certified in the Riverbed Hyper-converged Branch – HCB products and solutions.

What's inside?

The Riverbed Certified Solutions Associate – Hyper-converged Branch (RCSA-HCB) program is designed to validate the skills required of pre-sales engineers and technical professionals who work in the initial implementation of Riverbed storage products and solutions.

This blueprint provides a combination of theory and practical experience needed for a general understanding of the subject matter.

This publication does not replace practical experience, nor is it designed to be a stand-alone guide for any subject. Instead, it is an effective tool that, when combined with education activities and experience, can be a very useful preparation guide for the exam.

Certification Overview

The Riverbed Certified Solutions Associate – HCB certificate is granted to individuals who demonstrate entry-level knowledge and experience with the RiOS® product suite and SteelFusion. The typical RCSA-HCB will have taken a Riverbed approved training class such as the *WAN200 Optimization Essentials* and *HCB200 Hyper-Converged Branch Essentials* courses in addition to having hands-on experience in performing deployment, troubleshooting, and maintenance of SteelFusion products in small and medium organizations. While there are no set requirements prior to taking the exam, candidates who have taken these Riverbed authorized training classes and have at least three months of hands-on experience with RiOS and SteelFusion products have a significantly higher chance of receiving the certification.

We would like to emphasize that *solely* taking the class will not adequately prepare you for the exam.

To obtain the RCSA-HCB certification, you are required to pass a computerized exam available at any Pearson VUE testing center worldwide.



Benefits of Certification

- ***Establishes your credibility as a knowledgeable and capable individual in regard to Riverbed products and services, WAN optimization, Storage Delivery and application acceleration***
- ***Improves your career advancement potential***
- ***Entitles you to use the RCSA-HCB certification logo on your business card***

Exam Information

- **Exam Number: 501-01**
- **Exam Name: Riverbed Certified Solutions Associate – HCB**
- **Product Version: Please refer to the ‘Blueprint and Study References’ section for detail.**
- **Number of Questions: 65**
- **Total Time: 75 minutes for exam, 15 minutes for Survey and Tutorial (90 minutes total)**
- **Exam Provider: Pearson VUE**
- **Exam Language: English only. Pearson automatically provides a 30-minute time extension for exams taken in non-English speaking countries. English speaking countries are Australia, Bermuda, Canada, Ireland, New Zealand, United Kingdom, South Africa, and the United States.**
- **Special Accommodations: Yes (must submit written request to Pearson VUE for ESL or ADA accommodations; includes time extensions and/or a reader)**
- **Offered Locations: Worldwide (over 4000 test centers in 165 countries)**
- **Prerequisites: None, although taking a Riverbed training class is highly recommended**
- **Available to: Partners, customers, and employees**
- **Passing Score: 70%**
- **Certification Expires: Every two years (must recertify every two years, with six month grace period)**
- **Recertification Criteria: Retake the 501-01 – RCSA-HCB current exam. If you are a RCSP-HCB certified, passing the 599-01 – RCSP-HCB exam will re-certify both your RCSA-HCB and the RCSP-HCB**
- **Wait Between Failed Attempts: 72 hours**
- **Wait Between Passed Exams: One year**
- **Number of Attempts Allowed: Unlimited**



Certification Checklist

As the RCSA-HCB exam is geared towards individuals who have both the theoretical knowledge and hands on experience with the RiOS and SteelFusion products suite, ensuring proficiency in both areas is crucial towards passing the exam. For individuals starting out with the process, we recommend the following steps to guide you along the way.

1. Building Theoretical Knowledge

The easiest way to become knowledgeable in deploying, maintaining, and troubleshooting the RiOS and SteelFusion products suite is to take a Riverbed authorized training class. To ensure the greatest possibility of passing the exam, it is recommended that you review the RCSA-HCB Blueprint and Study References and ensure your familiarity with all topics listed, prior to any examination attempts.

2. Gaining Hands-on Experience

While the theoretical knowledge will get you partway there, hands-on knowledge will also help prepare you to pass the exam. Since all deployments are different, providing an exact amount of experience required is difficult. Generally, we recommend that resellers and partners perform at least five deployments in a variety of technologies prior to attempting the exam. For customers, and alternatively for resellers and partners, starting from the design and deployment phase and having **at least three months of active hands-on experience** in a production environment would be beneficial.

3. Taking the Exam

The final step in becoming an RCSA-HCB is to take the exam at a Pearson VUE authorized testing center. To register for any Riverbed Certification exam, please visit <http://www.pearsonvue.com/riverbed>



RCSA-HCB Blueprint and Study References

The Riverbed Certified Solutions Associate-HCB exam, and therefore this blueprint, covers the Riverbed products and technologies up to SteelFusion v4.1, SFED and VSP v4.1.

This publication does not replace practical experience, nor is it designed to be a stand-alone guide for any subject. Instead, it is an effective tool that, when combined with education activities and experience, can be a very useful preparation guide for the exam.

Riverbed Recommended Training Courses

- ***WAN200 Optimization Essentials***
- ***HCB200 Hyper-converged Branch Essentials***

Additional Information on Riverbed Training can be found at: <http://www.riverbed.com//training/index.html>. You can also write to training@riverbed.com

Riverbed authorized training courses and Riverbed Certification are mutually exclusive programs. This means that certification is not directly mapped to specific training courses and vice versa. We recommend certain courses but in no way does that automatically qualify or prepare you for the exam.

To access Riverbed technical documentation and publications please visit Riverbed Support webpage at <https://support.riverbed.com/index.htm>



Recommended References

General Knowledge

Subject	Reference
Storage	<p>Books:</p> <ul style="list-style-type: none">• Private Cloud Computing: Consolidation, Virtualization, and Service-Oriented Infrastructure –Stephen R Smoot, Nam K Tan – (Morgan Kaufmann)• Storage Networking Fundamentals: An Introduction to Storage Devices, Subsystems, Applications, Management, and File Systems (Vol 1) – Marc Farley (Cisco Press)• Storage Implementation in vSphere 5.0 – Mostafa Khalil (VMware Press) <p>Open forums, public sources:</p> <ul style="list-style-type: none">• http://snia.org• http://www.enterprisestorageforum.com/storage-technology/• http://chucksblog.emc.com/chucks_blog/

SteelHead, SFED

Subject	Reference
SteelHead (Installation and Configuration)	<ul style="list-style-type: none">• SteelHead Installation and Configuration Guide• Riverbed SteelHead Deployment Guide v9.0 – Chapter 19: Storage Area Network Replication• SteelFusion Deployment Guide v4.0• SFED Series 2x00, 3x00 and 5100 Systems Owner's Manual v4.1• SteelHead Edge Installation and Configuration Guide (SFED) v4.1• SteelFusion Edge Management Console User's Guide (includes SteelFusion) v4.1• Riverbed Training Course: WAN200 Optimization Essentials

SteelFusion

Subject	Reference
Installation and Configuration	<ul style="list-style-type: none">• SteelFusion Core Deployment Guide v4.0• SteelFusion Core Installation and Configuration Guide v4.1• SteelFusion Core Management Console User's Guide v4.0• Riverbed Training Course: WAN200 Optimization Essentials• Riverbed Training Course: HCB200 Hyper-converged Branch Essentials

Exam Questions

Types of Questions

The RSCA-HCB exam includes a variety of question types, including single-answer multiple choice, multiple-answer multiple choice, and scenario based. The question distribution is heavily targeted toward the multiple-choice variety.

Exam Question Distribution

Subject Area	Approximate Number of Questions from this area
General Knowledge	19
SteelFusion	42
Troubleshooting	2
Installation	0
FusionSync	2
Hardware	0
TOTAL QUESTIONS	65

About Riverbed

Riverbed enables organizations to modernize their networks and applications with industry-leading SD-WAN, application acceleration, and visibility solutions. Riverbed's platform allows enterprises to transform application and cloud performance into a competitive advantage by maximizing employee productivity and leveraging IT to create new forms of operational agility. At more than \$1 billion in annual revenue, Riverbed's 28,000+ customers include 97% of the *Fortune* 100 and 98% of the *Forbes* Global 100. Learn more at riverbed.com.



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