HP Certified Professional

Implementing HP StorageWorks EVA Solutions Exam

HP0-J33

Exam Preparation Guide

Purpose

The intent of this guide is to set expectations about the content and the context of the exam and to help candidates prepare for it. Recommended training to prepare for this exam can be found at The Learning Center. This guide may contain supplementary references relevant to the topics covered by the exam.

Audience

This exam is for technical personnel who design, deploy, configure and provide start-up and implementation services for SAN-based storage solutions. Examples of job roles include:

- HP SAN Architect
- Storage SA

Relevant Certifications

After passing this exam, your achievement may be applied toward more than one certification. To determine which certifications will be credited with this achievement, log into The Learning Center and view the certifications listed on the exam's More Details tab. You may be on your way to achieving additional HP certifications.

Exam Details

The following are details about the exam:

- **Number of items:** 67
- **Item types:** multiple choice, drag-and-drop, point-and-click
- **Exam Time:** 90 minutes
- **Passing Score:** 73%

- **Reference Material:** No on-line or hard copy reference material will be allowed at the testing site.

Comments on the Exam

During the exam, participants can make specific comments about the items (i.e., accuracy, appropriateness to audience, etc). HP welcomes these comments as part of our continuous improvement process.

Exam Content

The following testing objectives represent the specific areas of content covered in the exam. Use this outline to guide your study and to check your readiness for the exam. The exam measures your understanding of these areas.

Objective
• Describe EVA related storage technologies.
VRAID levels and underlying disk space management
Setting failure protection levels
Physical segments in the context of EVA
EVA related storage interconnect technologies
Switch management in EVA environments
Storage transport technologies used for disk drives including FATA features and interfaces, and near-online disk drive usage
Storage virtualization technologies including disk leveling, and LUN performance
Business data continuity technologies including mirrorclones and replication methods
iSCSI technology
EVA storage management
• Describe HP StorageWorks Enterprise Virtual Array (EVA) systems and solutions.
EVA system positioning
EVA4400, EVA6400 and EVA8400 system components, features, commands, EVAperf, disk drive configuration
Thin provisioning in EVA environments

Objective

	Warranty services and licensing
• Recognize and pursue EVA customer opportunities.	
	Customer business needs at a high level
	Entry level EVA solution features
	Link business needs to HP EVA solutions
• Implement EVA4400/6400/8400 solutions in the customer's IT environment.	
	Pre-delivery and delivery tasks
	CommandView EVA
	Fibre channel and fabric connections; drive enclosures
	EVA interfaces
	Mirrorclones
	Virtual disk presentation
	Updating parse files
	EVA related firmware
	EVA model differences
	Post delivery tasks
	Remote monitoring solutions
	HP Insight Remote Support
• Describe EVA related administrative and operational tasks.	
	Configuration tasks
	Snapshot and snapclones
	Presenting virtual disks to hosts
	Licensing
	Creating disk groups
	Data replication
	EVA storage system monitoring and management
	Web-Based Operator Control Panel (WOCP)
	Access rights and user accounts
	Troubleshooting, including event logs and error messages

Training

Recommended training to prepare for this exam is accessible from this exam's page in The Learning Center. See the exam attachment, Supporting courses, to view and register for the courses. You are not required to take the associated courses; however, HP strongly recommends that you complete the training and thoroughly review all course materials and documents before taking the exam. Sufficient on-the-job experience may also be required.

Studies conducted by HP and Prometric show that a combination of course attendance, self-study and on-the-job experience maximizes the likelihood of passing the exam on the first attempt.

Additional Study References

This section lists courses and documents that can help you acquire additional knowledge and prepare for the exam. You must also gain the practical experience outlined in this guide.

Reference Type/ Title	Source
HP StorageWorks 6400_8400 Enterprise Virtual Array User Guide	http://bizsupport2.austin.hp.com/bc/docs/support/SupportManual/c01681309/c01681309.pdf
A.05.20 Remote Support Pack CMS Prerequisites and Managed Systems Configuration Guide	http://docs.hp.com/en/5992-6210/5992-6210.pdf
HP Insight Remote Support Quick Start Guide 5992-5760.pdf	http://www.docs.hp.com/en/5992-5760/5992-5760.pdf
HP StorageWorks EVA Web-based Operator Control Panel 2.2 user guide c01680713.pdf	http://bizsupport2.austin.hp.com/bc/docs/support/SupportManual/c01680713/c01680713.pdf
T5494-96067 HP_StorageWorks CommandView_EVA_Installation_Guide	http://h20000.www2.hp.com/bc/docs/support/SupportManual/c01681292/c01681292.pdf?jumpid=reg_R1002_USEN

Exam Registration

To register for this exam, please go to exam's description in The Learning Center.

Conclusion

HP wishes you success in the HP Certified Professional Program and in passing the exam for which you are preparing.