



HP Certified Professional

Implementing MSA Storage Solutions Exam

HPO-J23

Exam Preparation Guide

Purpose of the Exam Prep Guide

The intent of this guide is to set expectations about the content and the context of the exam and to help candidates prepare for the exam. In this guide, you will find recommended HP training courses, reference and study material to help you achieve a successful passing score.

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

Audience

This exam is for technical personnel who design, deploy, configure and integrate SAN-based storage solutions based on MSA2000 technologies.

Examples of job roles:

- n HP SAN Architect
- n Storage SA

General areas of content include:

- n Fundamental Industry Standard Storage Technologies
- n HP Modular Smart Array Product Positioning
- n MSA Solution Implementation
- n Administrative and Operational Tasks

Certification Requirements

The Implementing MSA Storage Solutions exam, HPO-J23, is one of the core requirements to be certified as an HP Accredited Integration Specialist (AIS) - HP StorageWorks [2008].

The AIS level of certification measures the competencies required for hands-on integration and support of technical solutions in business class environments. Given a set of customer business requirements, this individual is required to design, support and /or implement a business class solution (potentially

including platform, operating system, software, storage, network and option components) to solve business needs

Prerequisites

n Prerequisites for the AIS – HP StorageWorks [2008] (Choose one.)

n CSA - HP-UX 11i v3:}

n CSA - HP-UX v11 (transitional)

n CSA - HP OpenVMS v8

n SNIA Certified Storage Professional (SCSP) 2008

n SNIA Certified Storage Engineer (SCSE) 2007

n Cisco CCNA

n Cisco CCNP

n Brocade Certified SAN Designer - BCSD

n SAIR LCA (Level 1)

n SAIR LCE (Level 2)

n Linux Professional Institute Certification Level 1 (LPIC-1)

n Red Hat Certified Technician (RHCT)

n Red Hat Certified Engineer (RHCE)

n Novell Certified Administrator (NCA)

n Novell Certified Engineer Enterprise Services (NCE)

n Certified Novell Engineer: Novell Open Enterprise Server for NetWare 6

n MCITP - Enterprise Administrator

n MCITP - Server Administrator

- n MCSA on Windows Server 2003
- n MCSE on Windows Server 2003
- n Microsoft Exam #70-290
- n Microsoft Exam #70-292
- n Microsoft Exam #70-282

- n Sun Exam #CX-310-200 (v10)
- n Sun Exam #CX-310-014 (v9)
- n Sun Exam #CX-310-011 (v8)

- n IBM TEST #190
- n IBM TEST #180
- n IBM TEST #222

Exam Details

At the beginning of the exam, you will be asked to answer several survey questions. The survey questions are designed to assist the exam development team in accurately profiling test results and to improve future exams.

The following are details about the exam:

- n Number of items: **68**
- n Item types: multiple choice, drag-and-drop, point-and-click
- n Time commitment: **90** minutes
- n Passing Score: **75%**
- n 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	
1.0	Describe fundamental industry standard storage technologies.
	<ul style="list-style-type: none"> • Describe storage arrays and the basics of storage array configuration. • Describe storage transport. • Describe storage interconnect technology. • Describe the basics of storage management.
2.0	Describe and position the HP Modular Smart Array products.
	<ul style="list-style-type: none"> • Describe the features, components and configurations of MSA2000 storage systems. • Correctly position MSA2xxx systems.
3.0	Implement MSA Solutions.
	<ul style="list-style-type: none"> • Describe pre-delivery tasks. • Describe delivery tasks. • Recognize opportunities. • Provide knowledge transfer and customer orientation.
4.0	Perform administrative and operational tasks.
	<ul style="list-style-type: none"> • Specify and configure storage. • Describe storage and infrastructure management and monitoring. • Set access rights • Describe management aspects of firmware upgrades and maintenance scheduling. • Describe the management of high availability and performance.

Recommended Training and Study References

This section lists training courses and documents that can help you acquire a majority of the knowledge and skills needed to pass the exam. You must also gain the practical experience outlined in this guide.

You are not required to take the courses listed in this section. However, HP strongly recommends that you attend the classes, participate in class labs, and thoroughly review all course material and documents before taking the exam, even if you believe you have sufficient on-the-job experience.

Instructor-Led Training

Use the information in this guide and the practical experience you have gained to determine your need for the instructor-led training.

Title	Course Number	How to Enroll
Implementing MSA2000 Storage Solutions	00057719	Refer to your regional websites for local training information.

Exam Registration

Click here for information about exam registration, www.hp.com/certification/exam_registration.html.

Sample Test Items

The following examples represent the types of items and question formats that you could see on the exam. These are generic samples and do not reflect the content being tested.

1. Which planet is closest to the Earth?

- A. Mars
- B. Pluto
- C. Venus

D. Saturn

2. Which planets are “inner planets” — planets found within the asteroid belt? (Select two.)

A. Pluto

B. Earth

C. Neptune

D. Mercury

E. Venus

3. Click the Exhibit button.

What is this constellation called?

A. Leo

B. Aries

C. Orion

D. Taurus

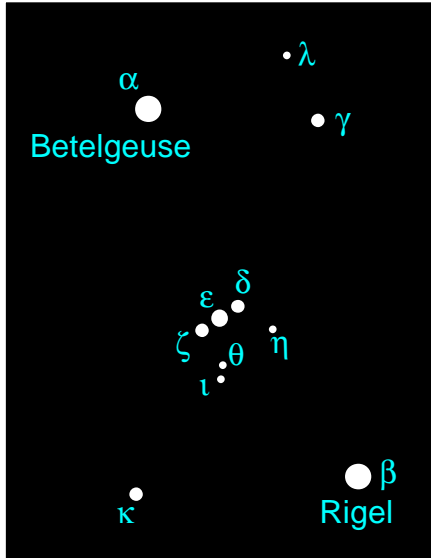
E. Gemini

F. Pleiades

G. Ursa Minor

H. Ursa Major

I. Andromeda



4. Click the Task button.

Place the planets in order of closest to farthest from the planet Earth.

A drag-and-drop interface for ordering planets. On the left, four yellow boxes are labeled '1- closest (place here)', '2 (place here)', '3 (place here)', and '4- farthest (place here)'. On the right, four cyan boxes are labeled 'Neptune', 'Uranus', 'Pluto', and 'Saturn'. A 'Done' button is in the bottom right corner.

5. Click the Task button.

Review the picture of the planets and click on Saturn.



Conclusion

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