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 presales personnel and engineers who design, deploy, configure and provide start-up and implementation services and basic support for the HP Storage Essentials Standard Edition product. Examples of job roles:

- HP ASE/MASE engineer
- HP SAN Architect
- Storage SA
- HP Services field engineers, call center personnel, and other field personnel who provide implementation and/or operational support assistance
- HP Channel Partners who provide HP Storage Essentials implementation services

General areas of content include:

- HP Storage Essentials and HP SIM (Systems Insight Manager) Terms and Concepts
- HP Product and Solution Sets
Recognize and Pursue Customer Opportunities

Certification Requirements

This HP Storage Essentials Standard Edition Exam, HP0-W01, supports the following StorageWorks Integration credentials:

- It is an Accredited Systems Engineer (ASE) – HP StorageWorks [2008] core exam.
- It is a Master Accredited Systems Engineer (MASE) – HP SAN Architect-Data Availability Solution [2005] core exam.

This level of certification measures the competencies required for hands-on planning and the integration and support of technical solutions in enterprise class, networked storage environments. Given a set of customer business requirements, this individual is expected to be able to design, support and integrate platform, operating system, storage, network and option components to solve business needs. The ideal candidate is anyone who deploys enterprise class solutions based on HP technologies.

Prerequisites

- Knowledge of/completion of prerequisite Web-based and Instructor Led Training Courses specified in the Recommended Training and Study References section of this exam preparation guide.
- SAN and storage knowledge
- HP SIM installation and configuration knowledge and experience

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:

- Number of items: 70
- Item types: multiple choice, drag-and-drop
- Time commitment: 90 minutes
- Passing Score: 72% (51 items correct)
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.

<table>
<thead>
<tr>
<th>Objective</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Describe HP Storage Essentials and HP Systems Insight Manager related fundamental terms, concepts and technologies</td>
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<tr>
<td></td>
<td>Storage management tasks</td>
</tr>
<tr>
<td></td>
<td>Unified server, storage, and software management concepts</td>
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<tr>
<td></td>
<td>Storage Essentials Standard Edition architecture, components, standards and specifications and functionalities</td>
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<tr>
<td></td>
<td>Management server components and functionalities</td>
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<tr>
<td></td>
<td>Storage Essentials integration and operability</td>
</tr>
<tr>
<td></td>
<td>Scope of applicability for HP Systems Insight Manager</td>
</tr>
<tr>
<td></td>
<td>HP Systems Insight Manager fundamental management and security concepts, event classification and event levels</td>
</tr>
<tr>
<td></td>
<td>Technologies used with HP Systems Insight Manager, including: use of central shared database, database maintenance, management protocols and options, SIM discovery, device identification and device polling, device discovery limitations and restrictions, technologies used for event management and notification</td>
</tr>
</tbody>
</table>
## Objective 2.0
Describe HP Storage Essentials and its target market and applications

- HP Storage Essentials Standard Edition features and benefits
- Product specific capabilities and where to apply them
- Support options, programs, and service offerings
- Differences between HP Storage Essentials products and versions
- HP SIM architecture, product description, features and benefits
- HP SIM environment, such as central management server, managed systems, network client, central software repositories and security
- HP SIM key management and data repository features, key features of agents/providers, options and add-on products, user interfaces
- Benefits of HP SIM managed server systems, differences between HP SIM and HP OpenView, integrated operating system management features, integration with other HP products, differences between HP SIM management and single protocol management tools, interaction with third-party software

## Objective 3.0
Recognize and pursue customer opportunities

- Storage Essentials technical, administrative and business benefits and typical customer environments
- Benefits of Storage Essentials and HP SIM integration
### Objective

#### 4.0 Plan, Design and Validate Supported Storage Resource Management (SRM) solutions

- Ability to interview customer to determine critical factors, discover, describe, and assess customer environment
- Ability to select HP Storage Essentials products to be used, design appropriate security management concepts, identify license requirements, determine the best backup strategy
- Ability to ensure solutions are supported

#### 5.0 Install, configure, setup or implement Storage Essentials solutions

- Software installation preparation, hardware configuration, software installation and configuration
- Post-installation and configuration tasks
- Licensing and registration requirements and procedures
- Installation and configuration errors
- Proactive support tools and use
- HP SIM pre-installation requirements
- Management Server installation and configuration
- Managed system configuration
- Discovery initiation procedure and device discovery
- HP SIM installation and configuration errors
- HP SIM proactive support tools, options and use
- CIM extension installation and discovery
- Manage customer expectations during implementation and recognize opportunities

#### 6.0 Perform administrative and operational tasks

- Infrastructure monitoring and administration
- Security feature implementation
License, database and configuration management

NAS manager functions and use

Use of Backup Manager and backup application monitoring

Data Rollup; Management server administration

Command Line Interface

HP SIM administration including: monitoring procedures for managed nodded, administration procedures for tasks, lists, tools and events; discovery procedures; data collection setup; user configuration and authorizations; changing global protocol settings; browsing discovered devices; event notification setup; multiple device management; event handling; security practices

HP SIM upgrade procedures for firmware/agents; tools and options for configuration management and their use

HP SIM troubleshooting tools and options

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.

<table>
<thead>
<tr>
<th>Title</th>
<th>Course Number</th>
<th>How to Enroll</th>
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</thead>
<tbody>
<tr>
<td>HP Storage Essentials</td>
<td>36056</td>
<td>Refer to your regional websites for local training information</td>
</tr>
<tr>
<td>Standard Edition</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Web-Based Training

Self-paced training and technical documentation provide additional resources for this exam.

<table>
<thead>
<tr>
<th>Title</th>
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<th>How to Enroll</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage Essentials Technology Knowledge Transfer</td>
<td>33589</td>
<td>Refer to your regional websites for local training information</td>
</tr>
</tbody>
</table>

Documentation

<table>
<thead>
<tr>
<th>Title</th>
<th>Source/Order Number</th>
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Exam Registration

For information about exam registration, click here.
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.

1- closest (place here)  Neptune
2 (place here)  Uranus
3 (place here)  Pluto
4- farthest (place here)  Saturn

Done
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.