Purpose of the Exam Preparation 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 training courses, reference and study material to assist you in preparing for the exam.

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 System Administrators with at least two years of experience with the HP ProLiant line of servers. Examples of job roles:

- Systems Engineers
- System Administrators
- Customer IT staff
- HP partner presales technical systems engineers and consultants
- HP partner implementation engineers


Certification Requirements

This HP ProLiant Systems Management exam is one of the core requirements to be certified as an Accredited Platform Integrator or Accredited Systems Engineer.
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:** 60
- **Item types:** Multiple choice
- **Time commitment:** 75 minutes
- **Passing Score:** 60%
- **Reference Material:** No on-line or hard copy reference material will be allowed at the testing site.

Comments on the Exam

After the exam has been completed, there is additional 15 minutes allotted for the participant to make specific comments about the test items (i.e., accuracy, appropriateness to audience, etc). HP welcomes these comments as part of our continuous improvement process.
Exam Content

The following outline represents 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. The approximate percentage of exam questions dedicated to each major content area is included in parenthesis. The higher the percentage listed for each topic, the more questions will be on the exam.

Because the exam content is not based solely on content in the HP ProLiant Systems Management course, please refer to the documentation resources described later in this document for additional study references.

The general areas of content include:

- Industry Concepts and Terminology (15%)
- Server Management Technology (15%)
- Remote Management (10%)
- Management Tools and Services (0%)
- Web-based Management (10%)
- Survey Utility (10%)
- Insight Manager 7 Architecture (5%)
- Insight Manager 7 Overview (0%)
- Installing and Configuring Insight Manager 7 (10%)
- Using Insight Manager 7 (13%)
- Working with Insight Manager 7 Security (5%)
- Collecting Insight Manager 7 Data and Creating Reports (2%)
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#</th>
<th>Enrollment Instructions</th>
</tr>
</thead>
<tbody>
<tr>
<td>HP ProLiant Systems Management</td>
<td></td>
<td><a href="http://www.hp.com/go/training">http://www.hp.com/go/training</a></td>
</tr>
</tbody>
</table>

Web-based Training

Self-paced training and technical documentation may provide appropriate learning alternatives to instructor-led training for more experienced candidates.

Note

At the time of the creation of this preparation guide, no WBT materials were available for exam preparation.
Documentation

The following documentation can help to further clarify systems management topics that may be covered on the exam.

Reference Guides

- Insight Manager 7 Users Guide
- Insight Manager 7 Technical Reference Guide
- Insight Manager 7 Software Maintenance Guide
- Insight Management Agents Reference Guide

White Papers

- Migrating Compaq Insight Manager (WIN32) to Insight Manager 7
- Understanding Insight Manager 7 Security
- Creating Custom Reports from the Insight Manager 7 Database
Sample Test Items

The sample test items give you a preview of what the actual test items will look like. It is important to note that these items WILL NOT be on the exam itself. However, they are representative of the actual items, and they should help you become familiar with the format and complexity of the test items. These sample test items are not a check for readiness.

1. Which are examples of elements? (Select all that apply.)
   a. Network cable
   b. HP ProLiant Server
   c. Drive array controller
   d. Network interface controller
   e. Printer
   f. Internal SCSI connector
   g. NIC driver

2. A piece of code that can be incorporated into the element’s driver is:
   a. An applet
   b. A daemon
   c. An agent
   d. A Terminate and Stay Resident (TSR) service

3. Which of the following agents collect and measure parameters that indicate the current state of a subsystem?
   a. Insight Foundation Agents
   b. HP desktop agents
   c. HP Power Management Agents
   d. Insight Management agents

4. Web-enabled Insight agents provide:
   a. A brief view of the device status window
   b. Tasks to automatically determine both the device name and the product type.
   c. Access to device management data
   d. Operational parameters for HP Client Manager
5. What Remote Insight Lights Out Edition II (RILOE II) console displays only the video output of the server?
   a. Remote Console (2 cursor)
   b. Remote Console (Full)
   c. Remote Console Hot Keys
   d. Remote Console (Minimized)

6. Which subcomponent of the web-enabled server agent architecture services the data request from the data rendering engine?
   a. Data acquisition
   b. HTTP server
   c. Object identifiers (OIDs)
   d. DMI server

7. Which color-coded status indicator details a degraded operation?
   a. Red
   b. Yellow
   c. Blue
   d. Black

8. Which are layers of the ProLiant Systems Management Architecture? (Select all that apply.)
   a. Agent layer
   b. Web browser interface layer
   c. Management Server layer
   d. Application layer
9. Which tab on the Insight Manager 7 home page provides options to maintain the Device Type Manager, Simple Network Management Protocol extensions, external links, browser performance, and paging status?
   a. Tools
   b. Devices
   c. Home
   d. Settings

10. Which tab on the Insight Manager 7 home page provides the configuration options for discovery, applications, accounts, server, cluster monitor, and security?
    a. Tools
    b. Devices
    c. Home
    d. Settings

11. What happens when a query is defined?
    a. You can display the results from the Device Queries page.
    b. You can click the link of an Event Type event that is not cleared.
    c. You can select one or more queries.
    d. You can delete any unnecessary queries.

12. Which option on the Settings tab allows administrators to configure and manage the database settings for the Insight Manager 7 server?
    a. Discovery
    b. Cluster Monitor
    c. Server
    d. Security
13. What do you need to do to automate the process of adding devices and restoring information into Insight Manager 7?
   a. Enable HTTP Auto-Discovery
   b. Use manual discovery to create and export a hosts file
   c. Enable SNMP Auto-Discovery
   d. Use the Automatic Discovery window to set the discovery schedule

14. The Audit Settings page allows you to select which options? (Select all that apply.)
   a. No logging
   b. Log all login and logout activities
   c. Log only failed login activities
   d. Log only passed logon activities

15. What steps are involved in creating a data collection task using SNMP? (Select all that apply.)
   a. Installing Insight Manager 7
   b. Using a personal query that interrogates specific computers with SNMP
   c. Creating the task, using the query as criteria and specifying the schedule
   d. Viewing the results of the query

16. Which two components must be installed before installing the Insight Management Agents for Windows 2000? (Select two.)
   a. Windows 2000 Service Pack 2
   b. SNMP
   c. SMTP
   d. TCP/IP
17. When installing the Insight Management Agents for Windows 2000, which components are not installed by default and must be installed using the Custom installation option? (Select three.)
   a. Foundation Agents
   b. Web Agents
   c. Management Event Notifier
   d. Storage Agents
   e. WMI Agent

18. Which feature of ActiveUpdate provides an easy way to get software updates that are specific to a model type, such as servers, workstations, or portables?
   a. Remote Viewing
   b. Enhanced subscription page
   c. File Alerts
   d. Software repository

19. Which subcomponent of the server web-enabled agents architecture creates an HTML page?
   a. Data acquisition
   b. HTTP server
   c. Data rendering engine
   d. DMI server

20. Which subcomponent of the server web-enabled agents architecture handles all the communication outside the object being managed?
   a. Data Acquisition
   b. HTTP server
   c. Data rendering engine
   d. DMI server
Conclusion

HP wishes you success in the HP Certified Professional Program and in passing the exam for which you are preparing.
Appendix A: Answers to Sample Exam Items

1. b, c, d, e
2. c
3. d
4. c
5. b
6. a
7. b
8. a, b, c
9. a
10. d
11. a
12. c
13. b
14. a, b, c
15. b, c, d
16. b, d
17. c, d, e
18. b
19. c
20. b