Industry Standard Architecture and Technology

Exam description

This exam tests your skills on Supporting Industry Standard Servers in areas such as multi-processor, SCSI and RAID configurations and also operational issues such as backup/restore and disaster recovery.

Exam ID	HP2-T16
Exam type	Web-Based online exam used in certifications
Exam duration	1 hour 30 minutes
Exam length	60 questions
Passing score	75%
Delivery languages	English, Simplified Chinese, Japanese, Latin American Spanish, Russian, French, German

Register for this Exam

You will need an HP Learner ID and a Pearson VUE login and password.

During the exam, you can make specific comments about the exam and items. HP welcomes these comments as part of our continuous improvement process.

Related certifications	• HP ASE - Server Solutions Integrator V8.1 • HP Support Certified - Industry Standard Server Solutions [2013]

Who should take this exam?

This exam is prerequisite technology for system engineers or technicians who are studying the technologies deployed in HP ProLiant and BladeSystem servers. Examples of job roles include:

- HP Authorized Service Partner Systems Engineer
- HP Solution Architect
- HP Technical Client Consultant

  Exams are based on an assumed level of industry-standard knowledge that may be gained from the training, hands-on experience, or other prerequisite events.

Exam contents

This exam has 60 questions. Here are types of questions to expect:

- Multiple choice (multiple responses)
- Multiple choice (single response)
- Drag-and-drop
- Point and click

Tips for taking this exam

You are not required to take the recommended, supporting courses; and completion of training does not guarantee that you will pass the exam. HP strongly recommends a combination of training, thorough review of courseware and additional study references, and sufficient on the job experience prior to taking the exam.

Take the time to read the entire question and consider all of the options carefully before you answer. If the question indicates that it features an exhibit, study the exhibit and reread the question. Make sure to select the answer that correctly responds to the question that is asked — not simply an answer that includes some correct information. If the question asks for more than one answer, remember to select each correct answer. You will not receive partial credit for a partially correct answer.

Supporting courses

These recommended courses help you prepare for the exam:

- 00117231: Industry Standard Architecture and Technology, Rev 9.31

Objectives

This exam validates that you can successfully perform the following:

	Sections/Objectives
17%	System Hardware • Differentiate between system board types, features, components and their purposes. • Deploy different chassis types and the appropriate components • Differentiate between memory features/types and given a scenario select an appropriate memory. • Differentiate between processor features/types and given a scenario select an appropriate processor. • Install appropriate expansion cards into a server while taking fault tolerance into consideration. • Install, update and configure appropriate firmware.

	Sections/Objectives
17%	Software • Install, deploy, configure and update NOS (Windows / *nix). • Explain NOS security software and its features. • Implement and administer NOS management features based on procedures and guidelines. • Explain different server roles, their purpose and how they interact. • Summarize server virtualization concepts, features and considerations. • Describe common elements of networking essentials.
15%	Storage • Describe RAID technologies and its features and benefits. • Given a scenario, select the appropriate RAID level. • Install and configure different internal storage technologies. • Summarize the purpose of external storage technologies.
16%	IT Environment • Write, utilize and maintain documentation, diagrams and procedures. • Explain the purpose of the following industry best practices. • Determine an appropriate physical environment for the server location. • Implement and configure different methods of server access. • Given a scenario, classify physical security measures for a server location.
12%	Disaster Recovery • Compare and contrast backup and restoration methodologies, media types and concepts. • Compare and contrast the different types of replication methods. • Explain data retention and destruction concepts. • Identify the basic steps of a disaster recovery plan.
23%	Troubleshooting • Explain troubleshooting theory and methodologies. • Troubleshoot hardware problems, selecting the appropriate tools and methods. • Troubleshoot software problems, selecting the appropriate tools and methods. • Diagnose network problems, selecting the appropriate tools and methods. • Troubleshoot storage problems, selecting the appropriate tools and methods.

For more information

HP ExpertOne: www.hp.com/go/ExpertOne-ContactUs

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