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.

Certification requirements

This Servicing HP Mobile Computing Products Beta (HP1-525) is one of the core requirements to be certified as one of the following certifications:

- AIS – OpenView Network Services
- ASE – OpenView Network Services
- ASE – OpenView Systems and Servers – Windows NT Emphasis
- ASE – OpenView Systems and Servers – UNIX Emphasis

Exam Registration

- This exam is available at Prometric.
- This exam is available at Promissor.

Exam details

- **Number of items:** 75
- **Time commitment:** 90 minutes
- **Passing Criteria:** 60%
- **Reference Material**: No on-line or hardcopy reference material will be allowed at the testing site.
- **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.

- Network Architecture Design (selecting DIM model) and Configuring Domains & Overlap
- DIM Concepts (replication) and Other Configuration (failover, security)
- Remote Consoles
- User Interface
- Event Forwarding
- Data Warehousing

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.

Training

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

» [hp education](#)

From the link above, select the appropriate specialization (for example, network management) to see course information. Courses indicated by the "exam" icon are preparatory courses for certification exams. Please contact HP Education for more information.
Software Solutions University (SSU) courses are for HP employees and authorized channel partners only. Login is required. Courses indicated by orange bullets in the SSU listings are preparatory courses for certification exams.

Other Reference Material

These study materials are not required to pass the certification exam. They are simply additional exam preparation materials of which we are aware.

hp documents:

Guide to Scalability and Distribution
Managing your Network with HP OpenView Network Node Manager

non-hp documents:

- Flash Card Study Decks are available for sale for the Network Node Manager I exams (490-012, 490-022, 490-032) at www.ezflashcards.com

additional study

This certification test was developed to test your knowledge of the OpenView Operations Product. We recommend that you have significant hands-on experience with the product before you take the exam.

Sample Exam Item Types

The items in this section are intended to help you understand the various types of items you will see during the exams. These items are not intended to be used as a measurement of your ability to pass the exam.

(Correct answers at bottom of test)

1. What issues might indicate DIM requirements for a customer? (Choose 3 that apply.)
   A. Small number of nodes to manage.
   B. Significant number of nodes on remote sites.
   C. A single site with firewalls in place.
   D. Local operators available to handle local troubleshooting.
   E. Large number of nodes to manage.

2. To change the displayed version when a management station and a collection
station report on the same object, use the command:
   A. xnmtopoconf – overlap mode
   B. xnmtopoconf – primary node_name
   C. ovtoposet --preferred node_name
   D. ovtopmd – C node_name

3. In a DIM environment, when can an interface be reported by a different primary than the node?
   A. When the node is a gateway.
   B. When the collection stations report to the management station at the same time.
   C. Never
   D. When the management station itself is monitoring the interface.

4. Which of the following helps avoid conflicting information from two collection stations? (Choose 3 that apply.)
   A. stable IP hostnames
   B. reliable name resolution
   C. correct and consistent SNMP community names
   D. placing nodes on only one segment
   E. avoiding DHCP addresses

5. A management station does a complete synchronization with a collection station when: (Choose 2 that apply.)
   A. It first connects to the collection station.
   B. Network topology changes occur, such as moving a gateway.
   C. A backup is restored on the collection station.
   D. The collection station fails over to the management station.

6. Steps to configure an SNMP set community name to set up a DIM environment are:
   A. Edit snmpd.conf on the collection station, edit snmpd.conf on the management station, execute xnmtopoconf --snmp.
   B. Edit snmpd.conf on the collection station, restart the SNMP agent, select ovw’s Options:SNMP Configuration menu on the collection station, select ovw’s Options:SNMP Configuration menu on the management station, restart the collection station and the management station.
   C. Edit snmpd.conf on the collection station, restart the SNMP agent, select ovw’s Options:SNMP Configuration on the management station.
   D. Edit snmpd.conf on the collection station, restart the SNMP agent, select ovw’s Options:SNMP Configuration menu on the collection station, edit snmpd.conf on the management station, restart the SNMP agent, select ovw’s Options:SNMP Configuration menu on the management station.
7. What command can be used to force synchronization between a management station and a collection station?
   A. xnmtopoconf –sync <collection station>
   B. ovsync <collection station>
   C. nmdemandpoll –s <collection station>
   D. ovrepld –s <collection station>

8. Which process enters collection station reported information into the management station topology database?
   A. ovrepld
   B. pmd
   C. ovtopmd
   D. owwdb

9. The oid_to_sym file has been reconfigured on the collection station and you want to redo initial discovery. Which command should you use on the management station after discovery is complete?
   A. xnmtopoconf -unmanage
   B. xnmtopoconf -reset
   C. xnmtopoconf -delete
   D. xnmtopoconf -release

10. To configure SNMP get and set community names in a distributed environment, do all of the following EXCEPT:
    A. Configure the collection station SNMP agent.
    B. Configure the management station SNMP agent.
    C. Configure NNM on the collection station with the management station SNMP information.
    D. Configure NNM on the collection station with the collection station SNMP information.
    E. Configure NNM on the management station with the management station SNMP information.
    F. Configure NNM on the management station with the collection station SNMP information.
    G. Configure NNM on the management station with the collection station SNMP information.
    H. Configure NNM on the management station with the collection station SNMP information.

11. You have completed the steps to set up a management server - management console relationship, and you are now ready to test this. What command will most accurately reflect that the relationship was established?
    A. ovwsetupclient -test
    B. oww -server
    C. oww -fields
12. The Network Operators in your company who are accessing your Windows NT management server through their Windows NT management consoles, are asking you to allow them to be able to restart the NNM background services by using the "ovstop" and "ovstart" commands from their management consoles. What file includes information that would permit this?
   A. %OV_CONF%\ovspmd.auth
   B. %OV_CONF%\ovw.auth
   C. %OV_CONF%\ovwdb.auth
   D. %OV_CONF%\C\ovwdb.auth

13. A drawback to remote consoles is:
   A. Only one operator can access each remote console station.
   B. Only ovw is available for operator interaction.
   C. The full NNM product must be installed.
   D. Web browsers for Network Presenter access cannot run on the remote console system.
   E. The remote console station must have its own NNM license.

14. When the applications builder is used to extend the GUI directly, when can an application be used?
   A. After ovw has been restarted.
   B. Immediately, depending on the selection rule.
   C. After ovexec has been restarted with the "-verify" option.
   D. After xnmappmon has been restarted.

15. The Tab Block in a WLRF requires:
   A. Precedence, ID
   B. Precedence, ID, Icon
   C. ID, Icon, List
   D. Precedence, ID, Icon, List

16. A SubmapContext="Wkstn" statement is used in the application registration for a cascaded menu item called "AIXList". If properly configured, what will be the result in the GUI for submaps that do not have that context?
   A. "AIXList" is missing entirely.
   B. "AIXList" appears when the correct type of symbol is selected.
   C. "AIXList" appears but is grayed out until the correct symbol is selected.
   D. "AIXList" is grayed out regardless of what is selected.

17. Customization of the Network Presenter menu could be done by editing:
   A. OV_WWW_REG/session.config.
   B. OV_WWW_REG/Launcher/C/jovw.
   C. OV_WWW_REG/jovw/C/jovw.
   D. OV_WWW_REG/Launcher/C/Launcher.
Symbols & Fields

18. Which statement most accurately describes the use of the On-Demand submap feature?
   A. On-Demand can be used network and higher.
   B. On-Demand can only be used below IP Internet.
   C. On-Demand can be used on submap levels below root.
   D. On-Demand can only be used on submaps above IP Internet.

19. The most frequent use of a boolean data type in ECS correlations is to:
   A. Mark an entire circuit as disabled or enabled.
   B. Indicate a rolling window.
   C. Cause a row in a table to be ignored.
   D. Indicate whether to delete or to acknowledge an event.

20. Which correlation has the ability to create an update event?
   A. ConnectorDown
   B. PairWise
   C. RepeatedEvent
   D. ScheduledMaintenance

28. You’ve collected utilization statistics on your routers in your Data Warehouse for the last 12 months. Now your company has outsourced the jobs associated with one of your subnets and the nodes and connecting routers have been removed. What do you need to do with your Data Warehouse? (Choose 2 that apply.)
   A. Use ovdwunloader to save out my old data and ovdwloader with a filter to copy back in just what I need.
   B. Clear the Data Warehouse of the old data and start over.
   C. Trim out the data from the old routers.
   D. Set an export filter so data from old routers in my SNMP collect database won’t go into my Data Warehouse.
   E. Continue exporting all collected data since the old routers are no longer being collected.
   F. Continue using the data I already have.

29. The command line "ovdweventflt -n ThisNode performs the following task(s):
   A. Exports all events to the Data Warehouse for a node called ThisNode
   B. Creates a filter which prevents events from ThisNode being exported with a subsequent command
   C. Creates a filter which allows only events for ThisNode to be exported with a subsequent command
   D. Creates a filter for a report from the Data Warehouse on events from ThisNode

Answers:
1. BDE
2. A
3. A
4. ABC
5. AC
Conclusion

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