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Vendor: HP

Exam Code: HP0-P20

Exam Name: HP-UX 11i v3 System Administration

Version: Demo

Question No : 1

What are the new features of the HP-UX 11i v3 mass storage stack? (Select two.)

- A. It automatically creates the device files for a new device.
- B. It automatically installs the kernel drivers for a new device.
- C. It provides different load balancing policies for devices.
- D. It increases the maximum I/O paths per device to 6.
- E. It automatically recreates the LVM structure for a replaced disk.

Answer: A,C

Explanation:

Question No : 2

What are the features and benefits of HP Integrity server's EFI (Extended Firmware Interface)? (Select two.)

- A. provides a shell and scripting support
- B. is only required when the system runs vPars
- C. enables the hardware to boot different vendors' operating systems
- D. holds the kernel of the operating system
- E. provides a Boot Maintenance Manager for simultaneous operating system instance boot

Answer: A,C

Explanation:

Question No : 3

Which file systems are included with the HP-UX 11i v3 Base Operating Environment?

- A. HFS and Base JFS
- B. HFS and VxVM
- C. HFS and Online JFS
- D. Base JFS and ext3
- E. Online JFS and memfs

Answer: A

Explanation:

Question No : 4

You have expanded an existing LUN in your EVA storage. The LUN belongs to an HP-UX 11i v3 LVM volume group (VG). You want to expand the volume group to reflect the new LUN size. What is the most efficient way to accomplish this?

- A. Create another physical volume and extend your current VG.
- B. Back up, remove, create and restore the data to reflect the new size.
- C. You cannot expand a physical volume when using LVM.
- D. Use the vgmodify command to change the physical volume attributes.

Answer: D

Explanation:

Question No : 5

Which new features of HP-UX 11i v3 potentially increase the overall I/O performance compared to previous releases of HP-UX 11i? (Select two.)

- A. sx2000 chipset support
- B. agile device addressing
- C. native multipathing
- D. Unified File Cache (UFC)
- E. persistent device special files

Answer: C,D

Explanation:

Question No : 6

Which technology does the Intel Itanium2 processor use?

- A. Super Scalar Reduced Instruction Computing
- B. Complex Instruction Set Computing
- C. Reduced Instruction Set Computing
- D. Explicitly Parallel Instruction Computing

Answer: D

Explanation:

Question No : 7

Which file contains the LVM configuration information for LVMv1?

- A. lvmpvg
- B. lvmtab
- C. lvmconf
- D. lvminfo

Answer: B

Explanation:

Question No : 8

Which command determines the patches and associated filesets that are currently installed on the system?

- A. check_filesets
- B. swlist -l product | grep -i ph
- C. swlist -l depot | grep -i ph
- D. swlist -l product | grep -i patch
- E. swlist -l patch [fileset]

Answer: E

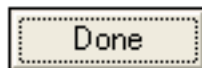
Explanation:

Question No : 9 DRAG DROP

Click the Task button. Place an "X" next to the supported update paths from HP-UX 11i v2 to HP-UX 11i v3 and from the original Operating Environments (OEs) to the new OEs.

Place an "X" next to those that are supported.

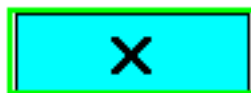
OS/OE	HP-UX 11i v3 BOE
HP-UX 11i v2 FOE	place here
HP-UX 11i v2 EOE	place here
HP-UX 11i v2 MCOE	place here
HP-UX 11i v2 TCOE	place here



Answer:

Place an "X" next to those that are supported.

OS/OE	HP-UX 11i v3 BOE
HP-UX 11i v2 FOE	X
HP-UX 11i v2 EOE	place here
HP-UX 11i v2 MCOE	place here
HP-UX 11i v2 TCOE	X

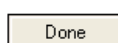


Question No : 10 DRAG DROP

Click the Task button. Match the patch names with the correct patch functionality. (The HP-UX patch name format is: PHxx_yyyyy.)

Match the patch names with the correct path functionality.

Patch Names	Patch Functionality
PHCO_yyyyy	patches other OS subsystems and applications
PHKL_yyyyy	patches kernel filesets, and often requires a system reboot
PHNE_yyyyy	patches commands, libraries, and man pages
PHSS_yyyyy	patches network services and related commands



Answer:

Match the patch names with the correct path functionality.

Patch Names	Patch Functionality
patches other OS subsystems and applications	patches other OS subsystems and applications
patches kernel filesets, and often requires a system reboot	patches kernel filesets, and often requires a system reboot
patches commands, libraries, and man pages	patches commands, libraries, and man pages
patches network services and related commands	patches network services and related commands

Done

Question No : 11

What is the minimum Operating Environment (OE) version that includes the Java tools HPjconfig and HPjmeter?

- A. High Availability OE (HA-OE)
- B. Base OE (BOE)
- C. Virtual Server OE (VSE-OE)
- D. Data Center OE (DC-OE)
- E. Technical Computing OE (TCOE)

Answer: B

Explanation:

Question No : 12

Which information is provided by the swlist default output? (Select two.)

- A. product/bundle size
- B. version number
- C. state of the product/bundle
- D. description of the product/bundle
- E. special install instructions

Answer: B,D

Explanation:

Question No : 13

You are upgrading a supported version of HP-UX to 11i v3. You check and resolve the prerequisites and then you back up your system. What is the next step in the upgrade process?

- A.** Use update-ux from the command line to start the update.
(for example: update-ux -s /dvdrom HPUX11i-BOE)
- B.** Update your system using the update-ux Terminal User Interface (TUI).
(for example: update-ux -i -s /dvdrom)
- C.** Use swinstall to update your system.
(for example: swinstall -s /dvdrom HPUX11i-BOE)
- D.** Use swinstall to install the latest version of the Update-UX bundle on the target system.
(for example: swinstall -s /dvdrom Update-UX)

Answer: D

Explanation:

Question No : 14

Issuing the command `make_net_recovery -s <Ignite-UX_server>` will create a recovery archive. What is included in this archive? (Select two.)

- A.** all customized configuration files needed to rebuild the system
- B.** LVM configuration information for the root volume group
- C.** a boot image to bring up the system again
- D.** an archive of all files and directories contained in the file systems in vg00
- E.** a bootable client of Data Protector to recover all lost files from the backup server

Answer: B,C

Explanation:

Question No : 15

What are the major modes for HP-UX Software Assistant?

- A. display, get, set, and delete
- B. report, get, step, and clean
- C. list, get, install, and remove
- D. export, import, install, and remove

Answer: B

Explanation:

Question No : 16

When you boot from an Ignite server, you initially see a small menu with all HP-UX releases available on the Ignite server. Which command is used to change the options of this menu?

- A. auto_adm
- B. make_config
- C. dbprofile
- D. instl_adm

Answer: A

Explanation:

Question No : 17 DRAG DROP

Click the Task button. Match each patch bundle with its description.

Match each patch bundle with its description.

Patch Bundles

FEATURE11i Bundle

place here

HwEnable11i Bundle

place here

QPK1131 Bundle

place here

Descriptions

patches required to support new and legacy system hardware

feature Enablement Patches for HP-UX

all stable defect-fix patches for HP-UX core, graphics, key networking drivers

Done

Answer:

Match each patch bundle with its description.

Patch Bundles

FEATURE11i Bundle

all stable defect-fix patches for HP-UX core, graphics, key networking drivers

HwEnable11i Bundle

feature Enablement Patches for HP-UX

QPK1131 Bundle

patches required to support new and legacy system hardware

Descriptions

patches required to support new and legacy system hardware

feature Enablement Patches for HP-UX

all stable defect-fix patches for HP-UX core, graphics, key networking drivers

Done

Question No : 18

You are performing a cold installation of HP-UX using the Advanced Installation option. On which menu tab can you add additional disks to the root volume group?

A. Basic

- B. Software
- C. System
- D. File System
- E. Advanced

Answer: D

Explanation:

Question No : 19

Which command identifies known security vulnerabilities on the system?

- A. swa scan
- B. swa ident
- C. swa report
- D. swa sec_chk

Answer: C

Explanation:

Question No : 20

Which command boots a vPar, called p1, when at the MON> prompt?

- A. vparboot -p p1
- B. vparload -p p1
- C. vparstart -p p1
- D. vparrun -p p1

Answer: B

Explanation:

Question No : 21

Which command is used to change a virtual partition (vPar)?

- A. vparchange
- B. parmodify
- C. hpvmmodify
- D. vparmodify

Answer: D

Explanation:

Question No : 22

Which command displays the Serviceguard version and patch that is installed?

- A. whence /usr/sbin/cmcl
- B. which /usr/sbin/cmcl
- C. whereis /usr/sbin/cmcl
- D. what /usr/sbin/cmcl

Answer: D

Explanation:

Question No : 23

Which command shows the status of a hard partitionable system (nPars)?

- A. vparstatus
- B. parstatus
- C. pardisplay
- D. hpvmstatus

Answer: B

Explanation:

Question No : 24

TiCAP can be used for which purpose?

- A. permanently enable a processor core
- B. enable a processor core when another core fails
- C. temporarily enable an I/O chassis
- D. temporarily allow the use of a processor core
- E. temporarily enable an I/O card

Answer: D

Explanation:

Question No : 25

Which configuration file is used to configure the IP address of a network interface?

- A. /etc/inetd.conf
- B. /etc/rc.config.d/netconf
- C. /etc/networking/interfaces
- D. /etc/hosts
- E. /etc/netconfig

Answer: B

Explanation:

Question No : 26

Which command is used to give you information on the type of a file?

- A. type
- B. file
- C. what
- D. man

Answer: B

Explanation:

Question No : 27

What can be determined using the file command?

- A. absolute path for an executable
- B. the alias of a command
- C. type of file selected
- D. who last used the file

Answer: C

Explanation:

Question No : 28

Which command ends an unresponsive process?

- A. kill -3 PID
- B. kill -1 PID
- C. kill -s SIGSTOP PID
- D. kill -s SIGKILL PID

Answer: D

Explanation:

Question No : 29 DRAG DROP

Click the Task button. Place the commands next to their descriptions.

Place the commands next to their descriptions.

Descriptions

place here	sends mail to users or allows them to read mail
place here	command reads a message from standard in, and sends it to all currently logged-in users
place here	command copies lines from your terminal to that of another user
place here	is a screen-oriented electronic mail processing system

Commands

wall	mail	elm	write	Done
------	------	-----	-------	------

Answer:

Place the commands next to their descriptions.

Descriptions

elm	sends mail to users or allows them to read mail
write	command reads a message from standard in, and sends it to all currently logged-in users
mail	command copies lines from your terminal to that of another user
wall	is a screen-oriented electronic mail processing system

Commands

wall	mail	elm	write	Done
------	------	-----	-------	------

Question No : 30 DRAG DROP

Click the Task button. Place the commands next to the functions they perform.

Place the commands next to the functions they perform.

Functions

(place here)	lists the network interfaces with their MAC address
(place here)	provides full listing of all devices
(place here)	lists LUN paths of LUNs
(place here)	lists information on hardware and installed software

Commands

nwmgr	print_manifest	iobind -H
hwinfo	ifconfig	ioscan -fN
iofind -v	scsimgr lun_map	fcutil devstat all

Done

Answer:

Place the commands next to the functions they perform.

Functions

print_manifest	lists the network interfaces with their MAC address
fcutil devstat all	provides full listing of all devices
ifconfig	lists LUN paths of LUNs
hwinfo	lists information on hardware and installed software

Commands

nwmgr	print_manifest	iobind -H
hwinfo	ifconfig	ioscan -fN
iofind -v	scsimgr lun_map	fcutil devstat all

Done

Question No : 31

Which statement is true about the difference between a process and a thread?

- A. A process and a thread are the same, there is no major difference.
- B. A thread is another name for the child of a system-related process.
- C. A thread must have two processes to be able to run on multiple CPU cores.
- D. A multi-threaded process can run on multiple CPU cores.

Answer: D

Explanation:

Question No : 32

While troubleshooting a network printing problem, you notice that the printer service is not listening for requests. Which file should you check to make sure the printer service is not missing or commented out?

- A. /etc/default/printer.conf
- B. /etc/inetd.conf
- C. /etc/hosts
- D. /etc/networks

Answer: B

Explanation:

Question No : 33 DRAG DROP

Click the Task button. Place each network configuration file next to its description.

Place each network configuration file next to its description.

Descriptions	
place here	contains DNS client configuration information
place here	defines databases to be used and search order for aliases, password, hosts, etc.
place here	is used for permission checking when executing remote mounts, remote logins, and remote shells
place here	associates IP addresses with official network names and aliases

Network Configuration Files			
/etc/netgroup	/etc/nsswitch.conf	/etc/resolv.conf	/etc/networks

Done

Answer:

Place each network configuration file next to its description.

Descriptions

/etc/netgroup	contains DNS client configuration information
/etc/nsswitch.conf	defines databases to be used and search order for aliases, password, hosts, etc.
/etc/networks	is used for permission checking when executing remote mounts, remote logins, and remote shells
/etc/resolv.conf	associates IP addresses with official network names and aliases

Network Configuration Files

/etc/netgroup	/etc/nsswitch.conf	/etc/resolv.conf	/etc/networks
Done			

Question No : 34

As the system administrator you need to add a default route to the routing table. Which command should you use?

- A. route add network 192.168.0.0 1
- B. route add net 192.168.0.1 192.168.1.1 1
- C. route add host 192.168.0.1 192.168.1.1 1
- D. route add default 192.168.0.1 1

Answer: D

Explanation:

Question No : 35

NTP should be configured and activated on all servers running HP-UX 11i v3 to enable which function?

- A. network transport protocol
- B. network tuning to maximize performance
- C. synchronized time between servers
- D. network transactions processing

Answer: C

Explanation:

Question No : 36

Which HP-UX command can be used to verify a network interface card (NIC) is enabled?

- A. ping
- B. nwmgr
- C. arp
- D. nslookup

Answer: B

Explanation:

Question No : 37

Which tool is used to verify CIFS operation?

- A. cifsadmin
- B. smbclient
- C. testparm
- D. cifsdadm

Answer: B

Explanation:

Question No : 38

What do you use to list clients that have mounted exported file systems? (Select two.)

- A. showmount -a
- B. more /etc/mounts
- C. mount -v
- D. more /etc/rmtab
- E. more /etc/nfstab

Answer: A,D

Explanation:

Question No : 39

Which file contains configuration parameters that can be used to enable or disable AutoFS on an HP-UX 11i v3 system?

- A. /etc/nfsconf
- B. /etc/automount.conf
- C. /etc/netconf
- D. /etc/rc.config.d/nfsconf

Answer: D

Explanation:

Question No : 40

How is IP multiplexing implemented on an HP-UX host?

- A. by binding the same IP address to multiple network interfaces
- B. by binding more than one IP address to a single network interface
- C. by binding more than one MAC address to a single network interface
- D. by increasing throughput on the network interface

Answer: B

Explanation:

Question No : 41

When troubleshooting a disk problem, which HP-UX 11i v3 command correlates a LUN's device special file (DSF) with its hardware path?

- A. scsiutil
- B. iofind
- C. scsimgr
- D. ioinit

Answer: C

Explanation:

Question No : 42

What does the command ch_rc do?

- A. changes the chroot to the current directory
- B. lists, adds or modifies parameters of /etc/rc.config.d
- C. alters the permissions of root directory
- D. sets the default values to the content of /etc/rc.config.d

Answer: B

Explanation:

Question No : 43

If your organization's security policy prohibits web service on production servers, you can disable the HP System Management Homepage (SMH) web interface entirely with which commands or actions? (Select two.)

- A. smhstartconfig -a off -b off
- B. /sbin/init.d/hpsmh stop and vi /etc/rc.config.d/hpsmh
- C. /sbin/init.d/smhconfig stop
- D. smhconfig -a off -b off

Answer: A,B

Explanation:

Question No : 44

Which command is used to list device file details?

- A. lsdev
- B. insf -e
- C. lssf <special file>
- D. lsf -a

Answer: C

Explanation:

Question No : 45

Which statement is true about dynamically disabling swap devices in an HP-UX 11i v3 system?

- A. You use swapon /dev/vg01/swapvol.
- B. You are able to do this in VxFS v4 or later.
- C. You cannot disable them dynamically.
- D. You use swapon -d /dev/vg01/swapvol.

Answer: A

Explanation:

Question No : 46

Which directory keeps a backup of the kernel configuration that was created during the last OS install?

- A. /stand/nextboot/

- B. /stand/last_install/
- C. /stand/newconfig/
- D. /stand/backup/

Answer: B

Explanation:

Question No : 47

Which steps are necessary to use /etc/shadow on a server running HP-UX 11i v3?

- A. Install the ShadowPassword product; run /usr/sbin/pwck; run /usr/sbin/pwconv.
- B. Run /usr/sbin/pwck; run /usr/sbin/pwconv; restart pwgrd.
- C. Run /usr/sbin/pwck; run /usr/sbin/pwconv.
- D. Run /usr/sbin/pwck; run /usr/sbin/pwconv; convert to trusted system using SAM.

Answer: C

Explanation:

Question No : 48 DRAG DROP

Click the Task button. Match each backup/archive tool with its operation.

Match each archive/backup tool with its function.

Functions		Tools
<div>place here</div>	generates backup of root volume group on a bootable tape media	<div>dd</div>
<div>place here</div>	does scheduled online backups of the Oracle database	<div>make_tape_recovery</div>
<div>place here</div>	generates an archive on tape of some files in a directory	<div>cpio</div>
<div>place here</div>	creates a byte by byte copy of a whole disk	<div>tar</div>
<div>place here</div>	creates archives using the find command to select files	<div>Data Protector</div>
<div>Done</div>		

Answer:

Match each archive/backup tool with its function.

Functions	Tools
<code>make_tape_recovery</code> generates backup of root volume group on a bootable tape media	<code>dd</code>
<code>Data Protector</code> does scheduled online backups of the Oracle database	<code>make_tape_recovery</code>
<code>tar</code> generates an archive on tape of some files in a directory	<code>cpio</code>
<code>dd</code> creates a byte by byte copy of a whole disk	<code>tar</code>
<code>cpio</code> creates archives using the find command to select files	<code>Data Protector</code>
Done	

Question No : 49

The following message is displayed while attempting to unmount the /data file system: #
umount /data umount: cannot unmount /data : Device busy Which command is used to determine which user is causing the file system to be busy?

- A. bdf /data
- B. fuser -cu /data
- C. showmount /data
- D. who /data

Answer: B

Explanation:

Question No : 50

What is the path of the EFI operating system loader for HP-UX boot disks?

- A. \EFI\HPUX\HPUX.EFI
- B. \EFI\HPUX.EFI
- C. \EFI\OS\HPUX.EFI
- D. \EFI\HPUX\AUTO

Answer: A

Explanation:

Question No : 51

Which command is used to determine which versions of LVM are supported on your system?

- A. lvmadm -t
- B. lvcreate -L
- C. lvmadm -v
- D. lvcreate -l

Answer: A

Explanation:

Question No : 52

What happens when HP SIM is used to launch a tool?

- A. Authorizations are configured in HP SIM.
Users are authenticated using PAM on the HP SIM server.
- B. Authorizations are configured in HP SIM.
Users are authenticated using the internal user database of HP SIM.
- C. Authorizations are configured in Select Access.
Users are authenticated using the internal user database of HP SIM.
- D. Authorizations are derived from operating system login account permissions.
Users are authenticated using PAM on the HP SIM server.

Answer: A

Explanation:

Question No : 53

What can an administrator do to optimize the performance of an existing JFS file system?

- A. change mount options
- B. change syslog.log size
- C. increase SWAP size
- D. increase the number of logical volumes

Answer: A

Explanation:

Question No : 54

What are parts of the Agile View FC LUN hardware path address? (Select three.)

- A. root node
- B. WWID
- C. bus address
- D. port name
- E. LUN ID
- F. LUN address

Answer: A,C,E

Explanation:

Question No : 55

If the HP-UX System Management Homepage (SMH) daemon is not running, which command will start it?

- A. smh startup
- B. hpsmh autostart
- C. hpsmh start
- D. smh start

Answer: B

Explanation:

Question No : 56

Which commands can be used to interrupt a running process?

- A. <ctrl-z>, <ctrl-c>, bg, and kill
- B. <ctrl-z>, <ctrl-c>, fg, and kill
- C. <ctrl-z>, <ctrl-c>, <ctrl-\>, fg, bg, nohup and kill
- D. <ctrl-z>, <ctrl-c>, <ctrl-\>, and kill

Answer: D

Explanation:

Question No : 57

In which location is the password of a user stored to prevent it from being read by other users?

- A. /var/adm/userdb
- B. /etc/passwd
- C. /etc/password
- D. /etc/shadow

Answer: D

Explanation:

Question No : 58

From a security perspective, which command should be used to connect to another system?

- A. telnet
- B. rlogin
- C. ssh
- D. remsh

Answer: C

Explanation:

Question No : 59

Which HP Role-Based Access Control (RBAC) command allows a user to execute a program under a different user ID?

- A. sudo
- B. privrun
- C. runas
- D. exec

Answer: B

Explanation:

Question No : 60

Which are encrypted network services? (Select three.)

- A. remsh
- B. seclogin
- C. sftp
- D. rcp
- E. telnet
- F. ftp
- G. ssh
- H. scp

Answer: C,G,H

Explanation:

Question No : 61

From a security perspective, what is the recommended owner and permissions for the

/etc/passwd file?

- A. -r----- 1 sys sys 1671 Apr 2 16:42 /etc/passwd
- B. -r--r--r-- 1 root sys 1671 Apr 2 16:42 /etc/passwd
- C. sr--r--r-- 1 root sys 1671 Apr 2 16:42 /etc/passwd
- D. -rwxr--r-- 1 root root 1671 Apr 2 16:42 /etc/passwd

Answer: B

Explanation:

Question No : 62

Which command compares the current state of the system to a saved Bastille baseline?

- A. bastille_diff
- B. bastille_verify
- C. bastille_compare
- D. bastille_drift

Answer: D

Explanation:

Question No : 63

Click the Exhibit button.

```
klaus1:x:375:21::/home/klaus1:/usr/bin/ksh
michael:x:225:21::/home/michael:/usr/bin/ksh
```

In the exhibit, why do you see an "x" for the users in the second field of the /etc/passwd file?

- A. Blank password is used.

- B. Shadow password is enabled.
- C. User is currently deactivated.
- D. Password has expired.

Answer: B

Explanation:

Question No : 64

What are the main components of DNS? (Select three.)

- A. Name Servers
- B. Hierarchical Name Space
- C. Name Clients
- D. Resolvers
- E. ARPA Name Space
- F. Start of Authority (SOA)

Answer: A,B,D

Explanation:

Question No : 65

Which command shows the general status of a Serviceguard cluster?

- A. cmclstat
- B. cmshowcluster
- C. cmviewcl
- D. cmviewconf
- E. cmgetconf

Answer: C

Explanation:

Question No : 66

Which servers support HP-UX 11i v3? (Select two.)

- A. HP9000 PA-RISC servers
- B. HP ProLiant servers
- C. HP Integrity servers
- D. HP Integrity NonStop servers

Answer: A,C

Explanation:

Question No : 67

Which commands, run from the VM Host command line, can be used to turn on an Integrity Virtual Machine? (Select two.)

- A. hpvmrun -P vm1
- B. hpvmconsole -P vm1 start
- C. hpvmconsole -P vm1 -c pc -on
- D. hpvmmodify -P vm1 start
- E. hpvmconsole -P vm1 -init
- F. hpvmstart -P vm1

Answer: C,F

Explanation:

Question No : 68

What are advantages of the Online JFS file system? (Select two.)

- A. allows more files per file system
- B. supports 128-bit encryption of system files
- C. supports larger disk drives
- D. supports online defragmentation
- E. supports dynamic online resizing of the file system

Answer: D,E

Explanation:

Question No : 69

Click the Exhibit button.

H/W Path	Class	Description
	root	
0	cell	
0/0	ioa	System Bus Adapter (12ab)
0/0/0	ba	Local PCI-X Bus Adapter (12ee)
0/0/0/1/0	ba	PCItoPCI Bridge
0/0/0/1/0/1/0	tty	PCI SimpleComm (103cl302)
0/0/0/1/0/1/1	tty	PCI SimpleComm (103cl302)
0/0/0/1/0/2/0	usb	NEC USB Interface
0/0/0/1/0/2/0.1	usbhnb	USB Root Hub
0/0/0/1/0/2/0.1.2	usbhid	USB HID Kbd(0) Mouse(1)
0/0/0/1/0/2/1	usb	NEC USB Interface
0/0/0/1/0/2/1.1	usbhnb	USB Root Hub
0/0/0/1/0/2/2	usb	NEC USB Interface
0/0/0/1/0/3/0	unknown	PCI Display (1002515e)
0/0/1	ba	Local PCI-X Bus Adapter (12ee)
0/0/1/1/0	ext_bus	SCSI Ultra320 A6961-60111
0/0/1/1/0.7	target	
0/0/1/1/0.7.0	ctl	Initiator
0/0/1/1/0.8	target	
0/0/1/1/0.8.0	disk	HP 73.4GST373455LC
0/0/1/1/0.10	target	
0/0/1/1/0.10.0	disk	HP 73.4GST373455LC
0/0/1/1/1	ext_bus	SCSI Ultra320 A6961-60111
0/0/1/1/1.1	target	
0/0/1/1/1.1.0	disk	Optiarc DVD RW AD-5200A
0/0/1/1/1.7	target	
0/0/1/1/1.7.0	ctl	Initiator
0/0/8	ba	Local PCI-X Bus Adapter (12ee)
0/0/8/1/0	ext_bus	SCSI Ultra320 A6961-60111
0/0/8/1/0.7	target	
0/0/8/1/0.7.0	ctl	Initiator
0/0/8/1/1	ext_bus	SCSI Ultra320 A6961-60111
0/0/8/1/1.7	target	
0/0/8/1/1.7.0	ctl	Initiator
0/0/9	ba	Local PCI-X Bus Adapter (12ee)
0/0/9/1/0	lan	HP A7012-60601 PCI/PCI-X 1000Base-T Dual-port Adapter

H/W Path	Class	Description
	root	
0	cell	
0/0	ioa	System Bus Adapter (12eb)
0/0/0	ba	Local PCI-X Bus Adapter (12ee)
0/0/0/1/0	ba	PCItoPCI Bridge
0/0/0/1/0/1/0	tty	PCI SimpleComm (103c1302)
0/0/0/1/0/1/1	tty	PCI SimpleComm (103c1302)
0/0/0/1/0/2/0	usb	NEC USB Interface
0/0/0/1/0/2/0.1	usbhub	USB Root Hub
0/0/0/1/0/2/0.1.2	usbhid	USB HID Kbd(0) Mouse(1)
0/0/0/1/0/2/1	usb	NEC USB Interface
0/0/0/1/0/2/1.1	usbhub	USB Root Hub
0/0/0/1/0/2/2	usb	NEC USB Interface
0/0/0/1/0/3/0	unknown	PCI Display (1002515e)
0/0/1	ba	Local PCI-X Bus Adapter (12ee)
0/0/1/1/0	ext_bus	SCSI Ultra320 A6961-60111
0/0/1/1/0.7	target	
0/0/1/1/0.7.0	ctl	Initiator
0/0/1/1/0.8	target	
0/0/1/1/0.8.0	disk	HP 73.4GST373455LC
0/0/1/1/0.10	target	
0/0/1/1/0.10.0	disk	HP 73.4GST373455LC
0/0/1/1/1	ext_bus	SCSI Ultra320 A6961-60111
0/0/1/1/1.1	target	
0/0/1/1/1.1.0	disk	Optiarc DVD RW AD-5200A
0/0/1/1/1.7	target	
0/0/1/1/1.7.0	ctl	Initiator
0/0/8	ba	Local PCI-X Bus Adapter (12ee)
0/0/8/1/0	ext_bus	SCSI Ultra320 A6961-60111
0/0/8/1/0.7	target	
0/0/8/1/0.7.0	ctl	Initiator
0/0/8/1/1	ext_bus	SCSI Ultra320 A6961-60111
0/0/8/1/1.7	target	
0/0/8/1/1.7.0	ctl	Initiator
0/0/9	ba	Local PCI-X Bus Adapter (12ee)
0/0/9/1/0	lan	HP A7012-60601 PCI/PCI-X 1000Base-T Dual-port Adapter

1/0/0/1/0/6/0	lan	HP AB290-60001 PCI/PCI-X 1000Base-T 2-port U320 SCSI/2-port 1000B-T Combo Adapter
1/0/0/1/0/6/1	lan	HP AB290-60001 PCI/PCI-X 1000Base-T 2-port U320 SCSI/2-port 1000B-T Combo Adapter
1/0/1	ba	Local PCI-X Bus Adapter (12ee)
1/0/1/1/0	ba	PCItoPCI Bridge
1/0/1/1/0/4/0	unknown	PCI-X SerialBus (10772422)
1/0/1/1/0/4/1	unknown	PCI-X SerialBus (10772422)
1/0/1/1/0/6/0	lan	HP AD194-60001 PCI/PCI-X 1000Base-T
1/0/1/1/0/6/1	lan	HP AD194-60001 PCI/PCI-X 1000Base-T
1/0/8	ba	Local PCI-X Bus Adapter (12ee)
1/0/9	ba	Local PCI-X Bus Adapter (12ee)
1/0/10	ba	Local PCI-X Bus Adapter (12ee)
1/0/12	ba	Local PCI-X Bus Adapter (12ee)
1/120	processor	Processor
1/121	processor	Processor
1/122	processor	Processor
1/123	processor	Processor
1/124	processor	Processor
1/125	processor	Processor
1/126	processor	Processor
1/127	processor	Processor
1/250	ba	Core I/O Adapter
1/250/0	acpi_node	Acpi Hardware

Using the ioscan output, which command creates a virtual partition called vpar1 with two CPUs and 1GB memory with one valid boot path?

- A. vparcreate -p vpar1 -a cpu::2 -a mem:1024 -a io:1.0.0 -a io:1/0/0/1/0/4/0.8.0:BOOT
- B. vparcreate -p vpar1 -a cpu::2 -a mem:1024 -a io:0.0.0 -a io:1/0/0/1/0/4/0.8.0:BOOT
- C. vparcreate -p vpar1 -a cpu::2 -a mem:1024 -a io:1.0.0 -a io:1/0/1/1/0.8:ALTBOOT
- D. vparcreate -p vpar1 -a cpu::2 -a mem:1024 -a io:1.0.0 -a io:1/0/1/1/0.8:BOOT

Answer: A

Explanation:

Question No : 70

Which VxVM command should be used to examine the volume configuration?

- A. vgdisplay -v
- B. vxdisplay -v
- C. lvdisplay -vt

D. vxprint -hvt

Answer: D

Explanation:

Question No : 71

Which command is used to see the attached hardware using the new agile view addressing?

- A. ioscan -fnN
- B. ioscan -kfC
- C. scsimgr scan hardware
- D. hwinfo -v

Answer: A

Explanation:

Question No : 72

What can be determined using the which or whence command?

- A. current version and release of an executable
- B. compiler options used to create an executable
- C. absolute path for an executable
- D. pseudo terminal your session is currently logged on

Answer: C

Explanation:

Question No : 73

Which log file do you review to determine if the kernel module was modified on the command line?

- A. /var/log/messages
- B. /var/adm/syslog/syslog.log
- C. /stand/vmunix.log
- D. /var/adm/kc.log

Answer: D

Explanation:

Question No : 74

Which command is available to give you details about a command, including its options?

- A. what
- B. man
- C. read
- D. how

Answer: B

Explanation:

Question No : 75

Which command is helpful to identify the size, owner, permissions and modification date of all files in a directory?

- A. ls -al
- B. ls -ul
- C. ls -f
- D. ls -alx

Answer: A

Explanation:

Question No : 76

Which statements are true about multi-threading? (Select two.)

- A. Multi-threaded processes are easier to program.
- B. Only multi-processor systems can run multi-threaded processes.
- C. Multi-threading only works for system processes, not for application processes.
- D. Multi-threaded processes may run faster on multi-core systems.
- E. A multi-threaded process can run on multiple CPU cores.

Answer: D,E

Explanation:

Question No : 77

In which shell variable is the exit code of a command stored?

- A. \$\$
- B. \$?
- C. \$!
- D. \$#
- E. \$*

Answer: B

Explanation:

Question No : 78

Which configuration file is used to configure the IP address of a network interface?

- A. /etc/inetd.conf
- B. /etc/rc.config.d/netconf
- C. /etc/networking/interfaces
- D. /etc/hosts
- E. /etc/netconfig

Answer: B

Explanation:

Question No : 79

Which vPar feature is available on HP-UX 11i v3?

- A. shared I/O
- B. CPU percentage granularity
- C. dynamic migration of memory
- D. dynamic migration of I/O cards

Answer: C

Explanation:

Question No : 80

Which tasks does the shutdown command perform? (Select two.)

- A. sends a broadcast message to all users
- B. grants a 300 second grace period for users to log out
- C. kills all user logins
- D. quickly kills all processes
- E. unmounts only non-critical file systems

Answer: A,C

Explanation:

Question No : 81

If most of the available memory is locked, the system may deadlock. Some nonlockable memory must be available to prevent deadlock. Which kernel parameter determines the amount of memory that cannot be locked?

- A. dbc_min_pct
- B. dbc_max_pct
- C. unlockable_mem
- D. free_mem_limit
- E. shmmax

Answer: C

Explanation:

Question No : 82

Which files control the HP-UX System Management Homepage (SMH) configuration? (Select two.)

- A. /opt/smh/conf/envvars
- B. /opt/hpsmh/lbin/envvars
- C. /opt/hpsmh/hpsmh.conf
- D. /opt/smh/conf/timeout.conf
- E. /opt/smh/smh.conf
- F. /opt/hpsmh/conf/timeout.conf

Answer: B,F

Explanation:

Question No : 83

Which features/functionalities does HP-UX System Management Homepage (SMH) in HP-UX 11i v3 have that SAM does not? (Select three.)

- A. uses standard HP-UX commands to perform tasks
- B. integrates with HP SIM
- C. intuitive Terminal User Interface (TUI)
- D. built-in help facility
- E. Windows, Linux support

Answer: A,B,E

Explanation:

Question No : 84

What are key features of HP SIM without any additional plugin? (Select four.)

- A. network maps
- B. secure command fan-out to multiple systems
- C. application management
- D. automatic event handling
- E. inventory reports
- F. role-based access control
- G. historical performance reports

Answer: B,D,E,F

Explanation:

Question No : 85

Which tool can be used to manage multiple HP-UX servers, provide robust role-based security and key-based authentication, and is included with HP-UX 11i v3?

- A. SAM
- B. SCM
- C. SIM
- D. SMH

Answer: C

Explanation:

Question No : 86

What should be used to ensure that background processes continue running after logout?

- A. nohup command line & ; exit
- B. nohup command line; init 1 &
- C. nohup command line &; nice 10 nohup
- D. command line; nohup &

Answer: A

Explanation:

Question No : 87

Which information does the ioscan -e command provide?

- A. EFI boot options
- B. EFI version
- C. HP-UX and EFI address correlation
- D. HP-UX version

Answer: C

Explanation:

Question No : 88

Which statements are true about HP-UX 11i v3 multipathing support? (Select two.)

- A. Native multipathing is bundled with the Enterprise and Mission Critical Operating Environments.
- B. Native multipathing is bundled with all of the HP-UX Operating Environments except the Technical Compute.
- C. Native multipathing works with both legacy and persistent device special files (DSFs).
- D. Native multipathing only works with persistent device special files (DSFs).
- E. Native multipathing is bundled with all the HP-UX Operating Environments.

Answer: C,E

Explanation:

Question No : 89

Which statements are true about the new 11i v3 mass storage stack device special files (DSFs)? (Select three.)

- A. You can mix legacy and persistent DSFs.
- B. You can set a flag to have legacy DSFs created for current and future storage devices.
- C. Both legacy and persistent DSFs are created by default.
- D. You must choose either legacy or persistent DSFs.
- E. You can choose for the entire system to use only persistent DSFs.

Answer: A,C,E

Explanation:

Question No : 90

Which functionality is included in the Base-VxVM product? (Select two.)

- A. striping
- B. boot mirroring
- C. dynamic multipathing support
- D. RAID 5
- E. dynamic relayout support

Answer: A,B

Explanation:

Question No : 91

: 29

Which functionalities are provided by Online JFS that are not provided by Base JFS? (Select two.)

- A. online defragmentation
- B. fast recovery
- C. online file system resizing
- D. intent log
- E. online fsck

Answer: A,C

Explanation:

Question No : 92

Which command can be used to list the contents of a tar archive?

- A. pax -rv < archive
- B. tar rl archive
- C. cpio -lv < archive
- D. pax -l < archive

Answer: A

Explanation:

Question No : 93

Which command lists all file system paging areas with totals?

- A. machinfo -v
- B. swapon -l
- C. lvinboot -s
- D. swapinfo -ft

Answer: D

Explanation:

Question No : 94

Which command configures an IP address on an HP-UX system?

- A. ipconfig
- B. ifconfig
- C. netconfig
- D. lanconfig

Answer: B

Explanation:

Question No : 95

Which protocols are used to authenticate CIFS users on an HP-UX 11i v3 system? (Select

two.)

- A. Kerberos
- B. Public/Private Key
- C. SSH
- D. NTLM
- E. EAP

Answer: A,D

Explanation:

Question No : 96

Which Directory Server product is available for HP-UX 11i v3?

- A. NIS+ Server
- B. Netscape Directory Server
- C. SUSE Directory Server
- D. Red Hat Directory Server

Answer: D

Explanation:

Question No : 97

Which protocol is used by HP-UX to assign an IP address to a client host?

- A. DNS
- B. NIS
- C. BIND
- D. DHCP

Answer: D

Explanation:

Question No : 98

As the system administrator, you issue the following command:

```
# set_parms addl_netwrk
```

Which value can be changed in the /etc/rc.config.d/netconf?

- A. subnet mask
- B. IP address
- C. hostname
- D. MAC address

Answer: A

Explanation:

Question No : 99

The HP-UX nwmgr command can be used to display which values?

- A. neighboring host network IP addresses
- B. Standard Mode Security Extensions for a network
- C. performance statistics about a LAN card
- D. Install-Time Security details for the network

Answer: C

Explanation:

Question No : 100

Which statements are true about IPFilter on HP-UX 11i v3? (Select three.)

- A. It supports X.25 interfaces.
- B. It is installed and enabled by default.
- C. It provides extensive logs.
- D. It supports Network Address Translation (NAT).
- E. It can be configured with multiple rules per line.

Answer: A,C,D

Explanation:

Question No : 101

: 39

You have been asked to disable telnet on one of the HP-UX servers you manage. Which file should you edit to make this change?

- A. /etc/networks
- B. /etc/allow
- C. /etc/inetd.conf
- D. /etc/telnetd

Answer: C

Explanation:

Question No : 102

Which Operating Environment (OE) is the minimum required to use Auto Port Aggregation?

- A. Base OE (BOE)
- B. Virtual Server OE (VSE-OE)
- C. Technical Computing OE (TCOE)
- D. High Availability OE (HA-OE)
- E. Data Center OE (DC-OE)

Answer: A

Explanation:

Question No : 103

Which security tool can be used to detect an attack on HP-UX systems?

- A. IPSec

- B. Secure Shell (ssh)
- C. NIS+
- D. Host IDS

Answer: D

Explanation:

Question No : 104

Which file has a valid setuid bit?

- rw-r--r-S 1 root sys 8015 Apr 29 01:32 aaa
- rwSr--r-x 1 root sys 23451 Apr 29 01:32 bbb
- rw-r--r-T 1 root sys 9030 Apr 29 01:32 ccc
- rwxr-xr-x 1 root sys 12850 Apr 29 01:32 ddd

- A. aaa
- B. bbb
- C. ccc
- D. ddd

Answer: B

Explanation:

Question No : 105

Which command identifies known security vulnerabilities on the system?

- A. swa scan
- B. swa ident
- C. swa report
- D. swa sec_chk

Answer: C

Explanation:

Question No : 106

After starting a preloaded system, which command can be used to set the initial system parameters?

- A. init
- B. set_parms
- C. setparms
- D. initparms

Answer: B

Explanation:

Question No : 107

What is the best approach to increase user password security?

- A. Lock the user account after entering the password incorrectly one time.
- B. Use the file /etc/default/security to define requirement of special characters, digits and upper case characters to be used for user passwords.
- C. Increase the minimal password length to 16 characters.
- D. Force the users to change their password every week by configuring password aging in /etc/default/security.

Answer: B

Explanation:

Question No : 108

What is the purpose of Role-Based Access Control (RBAC)? (Select two.)

- A. It provides a database containing all valid definitions of all user passwords.
- B. It allows non-root users to invoke commands to manage their authorization information.

- C. It is an alternative to the all-or-nothing security model of traditional root user-based systems.
- D. It uses an LDAP-UX directory for storing definitions of user roles.
- E. It allows non-root users to invoke system administration commands.

Answer: C,E

Explanation:

Question No : 109

Which command can you use to remove superseded patches from your system and free up space?

- A. patchremove -s level
- B. swmodify -x superseded=true
- C. swremove -x superseded=true
- D. cleanup -c level

Answer: D

Explanation:

Question No : 110

Where can you find HP-UX patches, patch bundles and enhancement patches? (Select two.)

- A. <http://www.hp.com/go/hpux-patches>
- B. <http://patches.hp.com/>
- C. <http://software.hp.com/>
- D. <http://itrc.hp.com/>
- E. <http://www.hp-ux.hp.com/patches/>

Answer: C,D

Explanation:

Question No : 111

How can you minimize downtime when simultaneously installing multiple patches and a reboot is necessary?

- A. Create a script to install the patches step by step.
- B. Install the patches in the required order.
- C. First install all prerequisite patches and filesets, then install the desired patches.
- D. Create a patch depot with the patches and all prerequisite patches.

Answer: D

Explanation:

Question No : 112

Which command is used to add a boot option that includes an Ignite server on the EFI shell?

- A. dbprofile
- B. lanboot
- C. nbp.efi
- D. iuxprofile

Answer: A

Explanation:

Question No : 113

What are capabilities of Dynamic Root Disk (DRD)? (Select two.)

- A. clones an HP-UX system image to an inactive disk
- B. performs system maintenance on the clone while the HP-UX 11i system is offline
- C. performs system maintenance on the clone while the HP-UX 11i system is online
- D. provides synchronous mirroring of an HP-UX Root Disk
- E. automatically resizes the root disk if free space falls below thresholds

Answer: A,C

Explanation:

Question No : 114

With regard to user account security, which files are important? (Select three.)

- A. /etc/pwd
- B. /etc/shadow
- C. /etc/default/security
- D. /etc/shadow/passwd
- E. /var/adm/inetd.sec
- F. /etc/passwd
- G. /etc/rc.config.d/netconf

Answer: B,C,F

Explanation:

Question No : 115 DRAG DROP

Click Next or More to continue. Click the Task button.

Place each directory path next to its description.

	Descriptions
place here	operating system user commands
place here	local user-contributed software
place here	system administration commands
place here	operating system man pages

Directory Paths			
/usr/share/man	/usr/contrib	/usr/lib	/usr/bin
/usr/home	/usr/local	/usr/sbin	/usr/conf

Done

Answer:

Place each directory path next to its description.

Descriptions	
/usr/bin	operating system user commands
/usr/local	local user-contributed software
/usr/sbin	system administration commands
/usr/share/man	operating system man pages

Directory Paths			
/usr/share/man	/usr/contrib	/usr/bin	/usr/bin
/usr/home	/usr/local	/usr/sbin	/usr/conf

Done

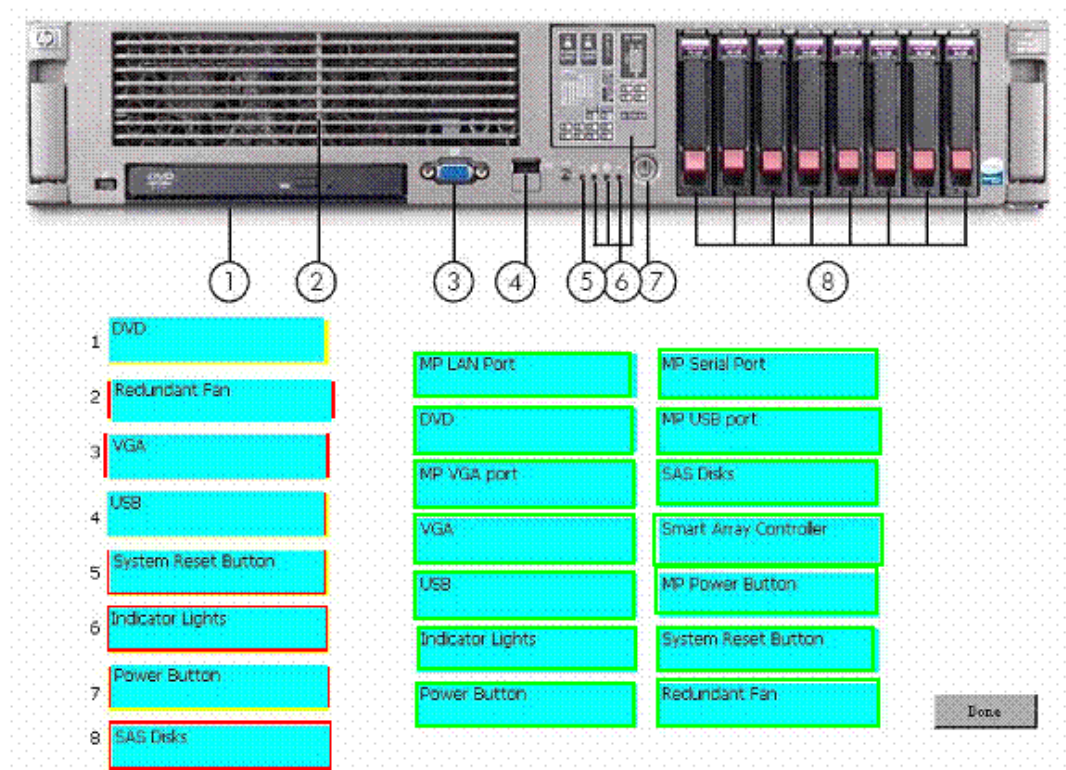
Question No : 116 DRAG DROP

Click Next or More to continue. Click the Task button. Label the HW components on the entry level rx2660.

1 place here	MP LAN Port	MP Serial Port
2 place here	DVD	MP USB port
3 place here	MP VGA port	SAS Disks
4 place here	VGA	Smart Array Controller
5 place here	USB	MP Power Button
6 place here	Indicator Lights	System Reset Button
7 place here	Power Button	Redundant Fan
8 place here		

Done

Answer:



Question No : 117 DRAG DROP

Click Next or More to continue. Click the Task button. Build the LVMv1 command line to create the volume group control file of vg01.

Build the LVMv1 command line to create the volume group control file of vg01.
Note: Command components need not be used or can be used multiple times.

Command Line

place here place here place here place here place here

Command Components

mkfst	/dev/vg01/group	/dev/dsk/c0t4d0	64
c	0x040001	mkknod	0x010000

Done

Note: Command components need not be used or can be used multiple times.

Answer:

Build the LVMv1 command line to create the volume group control file of vg01.
Note: Command components need not be used or can be used multiple times.

Command Line

mkfs /dev/vg01/group C 64 0x040001

Command Components

mkfs /dev/vg01/group /dev/dsk/c0t4d0 64

C 0x040001 mkfs 0x010000

Done

Question No : 118 DRAG DROP

Click Next or More to continue. Click the Task button. Place the basic SD-UX object types in the correct order.

Place the basic SD-UX object types in the correct order.

place here [place here [place here]] place here

SD-UX object types

Fileset Product Version Bundle

Done

Answer:

Place the basic SD-UX object types in the correct order.

Bundle [Product [Fileset]] Version

SD-UX object types

Fileset Product Version Bundle

Done

Question No : 119 DRAG DROP

Click Next or More to continue. Click the Task button. Match the Install-Time Security bundles with their effects on system behavior.

Match the Install-Time Security bundles with their effects on system behavior.

Effects on System Behavior	
(place here)	full lockdown
(place here)	install security infrastructure only
(place here)	host-based lockdown
(place here)	lockdown; ICMP packets accepted by HP SIM CMS

Bundle Names			
Sec00Tools	Sec10Host	Sec20MngDMZ	Sec30DMZ

Done

Answer:

Match the Install-Time Security bundles with their effects on system behavior.

Effects on System Behavior	
Sec30DMZ	full lockdown
Sec00Tools	install security infrastructure only
Sec10Host	host-based lockdown
Sec20MngDMZ	lockdown; ICMP packets accepted by HP SIM CMS

Bundle Names			
Sec00Tools	Sec10Host	Sec20MngDMZ	Sec30DMZ

Done

Question No : 120 DRAG DROP

Click Next or More to continue. Click the Task button. Match each Integrity server partitioning technology with its description.

	nPars	vPars
CPU Granularity	Place Here	Place Here
I/O Granularity	Place Here	Place Here
HW fault Isolation	Place Here	Place Here
OS Fault Isolation	Place Here	Place Here
OS Support	Place Here	Place Here

Cell	Sub-CPU	CPU
LBA	Linux	HP-UX, Linux
I/O Chasis	HP-UX	HP-UX, Windows, Linux,

No
Yes

Done

Answer:

	nPars	vPars
CPU Granularity	Cell	CPU
I/O Granularity	I/O Chasis	LBA
HW fault Isolation	Yes	No
OS Fault Isolation	Yes	Yes
OS Support	HP-UX, Windows, Linux,	HP-UX

Cell	Sub-CPU	CPU
LBA	Linux	HP-UX, Linux
I/O Chasis	HP-UX	HP-UX, Windows, Linux,
No	Yes	

Done

Question No : 121 DRAG DROP

Click Next or More to continue. Click the Task button. Place the steps in the correct order to bring a running Integrity system into single user mode.

Place the steps in the correct order to bring a running Integrity system into single user mode.

Steps in Sequence	Steps
1 pnl2	pnl5
2 pnl12	pnl7
3 pnl13	pnl4
	pnl6
	pnl3
	pnl1

Done

Answer:

Place the steps in the correct order to bring a running Integrity system into single user mode.

Steps in Sequence	Steps
1 pnl2	pnl5
2 pnl12	pnl7
3 pnl13	pnl4
	pnl6
	pnl3
	pnl1

Done

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