

TestKing.LX0-101,310Questions

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Passing Score: 800
Time Limit: 120 min
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TESTKING
Exam Materials

LINUX PART 1

LX0-101

- ✿ Got this vce from my friend who passed with 98% , each and every stuff in it. I am sharing with you guys.
- ✿ -Exams questions are really very logical and as they are prepared by professionals so its really a worth reading site to prepare for networking exams.
- ✿ This dump totally valid in Egypt, passed today with score 98% and all questions was from this dump,
 - ✿ It actually saves our lot of time, no repetiton, up to date data prepared by professionals.
- ✿ Took the exam today and passed with an 890! This dump is definitely still valid. There are some new questions on the exam.

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Exam A

QUESTION 1

After modifying LILO's configuration file, which of the following commands should be run for the changes to take effect?

- A. kill -HUP `pidof lilo`
- B. lilo-install
- C. lilo
- D. reboot

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 2

Which of the following sed commands will replace all instances of the string foo with the string foobar changing the file file1.txt in place?

- A. sed 's/foo/foobar/g' file1.txt
- B. sed 's/foo/foobar/g' file1.txt > file1.txt
- C. sed 's/foo/foobar/g' file1.txt | file1.txt
- D. sed -i 's/foo/foobar/g' file1.txt
- E. sed -i 's/foo/foobar/g' file1.txt > file1.txt

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 3

Which of the following keys should an administrator press to switch to normal mode in vi?

- A. Alt
- B. Esc

- C. Ctrl
- D. Shift

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 4

Which of the following commands will print line numbers before each line in a file?



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- A. ln
- B. nl
- C. cat -e
- D. numline

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 5

An administrator wishes to kill a process with a PID of 123. Which of the following commands will allow the process to "clean up" before exiting?

- A. kill -1 123
- B. kill -9 123
- C. kill -15 123

D. kill -17 123

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 6

Which of the following is the purpose of the Bash built-in export command?

- A. To allow disks to be mounted remotely.
- B. To run a command as a process in a sub-shell.
- C. To make the command history available to sub-shells.
- D. To setup environment variables for applications.
- E. To share NFS partitions for use by other systems on the network.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 7

An administrator is having some trouble with a disk partition and needs to do maintenance on this partition. The administrator's users home directories are on it and several are logged in. Which of the following commands would disconnect the users and allow the administrator to safely execute maintenance tasks?

- A. telinit 1
- B. shutdown -r now
- C. killall -9 inetd
- D. /bin/netstop --maint
- E. /etc/rc.d/init.d/network stop

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

updated answer

QUESTION 8

Bob accidentally created the subdirectory \bobsdir in his home directory. He tried to remove the subdirectory with the command `rmdir \bobsfile` only to receive the error, "No such file or directory." . Which of the following commands will remove the directory?

- A. `rmdir '~bob/\bobsdir'`
- B. `rmdir "~bob/\bobsdir"`
- C. `rmdir ~bob/'bobsdir'`
- D. `rmdir ~bob/\bobsdir`
- E. `rmdir ~bob/\\bobsdir`

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 9

Which of the following commands will print the inode usage on each mounted filesystem?

- A. `du -i`
- B. `df -i`
- C. `lsfs -i`
- D. `printfs -i`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 10

Which of the following commands will uninstall a package but leave its configuration files in case a package is re-installed?

- A. None, no command will do this.

- B. dpkg -s pkgname
- C. dpkg -L pkgname
- D. dpkg -P pkgname
- E. dpkg -r pkgname

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

perfect answer

QUESTION 11

How does an administrator get a list of files that have been installed from a dpkg package?

- A. dpkg -l pkgname
- B. dpkg -C pkgname
- C. dpkg -s pkgname
- D. dpkg -S pkgname
- E. dpkg -L pkgname

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 12

Which of the following command line redirection characters instructs the shell to read from the current input source until a specific word, on a separate line and without and trailing spaces, is reached?

- A. <<
- B. <|
- C. !<
- D. &<<

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 13

In bash, inserting 1>&2 after a command redirects:

- A. standard error to standard input.
- B. standard input to standard error.
- C. standard output to standard error.
- D. standard error to standard output.
- E. standard output to standard input.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 14

In compliance with the FHS, in which of the following places are man pages typically found?

- A. /usr/share/man
- B. /opt/man
- C. /usr/doc/
- D. /var/pkg/man
- E. /usr/local/man

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 15

Select the line that BEST represents what permissions the /etc/passwd file should have.

- A. -rw----- 1 root root 531 Jun 5 22:45 /etc/passwd
- B. -rw-r--r-- 1 root root 531 Jun 5 22:45 /etc/passwd
- C. -rw-r--r-- 1 1 1 531 Jun 5 22:45 /etc/passwd
- D. All answers listed are not correct.
- E. All answers listed are correct.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 16

What command with all options and/or parameters will send the signal USR1 to any executing process of program apache2?

Correct Answer: Answer: killall -s SIGUSR1 apache2, killall -s USR1 apache2, killall -SIGUSR1 apache2, killall -USR1 apache2

Section: (none)

Explanation

Explanation/Reference:

QUESTION 17

The system configuration file named _____ is commonly used to set the default runlevel. (Please provide the full name with full path information).

Correct Answer: Answer: /etc/inittab

Section: (none)

Explanation

Explanation/Reference:

correct answer

QUESTION 18

In which directory must definition files be placed to add additional repositories to yum?

Correct Answer: Answer: /etc/yum.repos.d/, /etc/yum.repos.d/, yum.repos.d/, yum.repos.d/

Section: (none)

Explanation**Explanation/Reference:****QUESTION 19**

The dpkg-_____ command will ask configuration questions for a specified package, just as if the package were being installed for the first time.

Correct Answer: Answer: reconfigure

Section: (none)

Explanation**Explanation/Reference:****QUESTION 20**

Which command is used to enable disk quotas on a particular filesystem? (Provide only the command, with no options or parameters)

Correct Answer: Answer: /sbin/quotaon,quotaon

Section: (none)

Explanation**Explanation/Reference:****QUESTION 21**

An administrator has downloaded an image file of a boot floppy disk to a hard drive. What is the BEST utility to create a boot floppy from the disk image? (Specify a single command without options.)

Correct Answer: Answer: /bin/dd,dd

Section: (none)

Explanation**Explanation/Reference:****QUESTION 22**

The /etc/_____ file lists currently mounted devices.

Correct Answer: Answer: mtab

Section: (none)

Explanation**Explanation/Reference:****QUESTION 23**

An administrator suspects that a new Ethernet card might be conflicting with another device. Which file should the administrator check within the /proc tree to learn which IRQs are being used by which kernel drivers? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /proc/interrupts,interrupts

Section: (none)

Explanation**Explanation/Reference:****QUESTION 24**

To change the priority of a running process, an administrator should use the ____ command. (Specify command only with no options.)

Correct Answer: Answer: /usr/bin/renice,renice

Section: (none)

Explanation**Explanation/Reference:****QUESTION 25**

An administrator has downloaded an image file of a boot floppy disk to a hard drive. What is the BEST utility to create a boot floppy from the disk image? (Specify a single command without options.)

Correct Answer: Answer: /bin/dd,dd

Section: (none)

Explanation**Explanation/Reference:****QUESTION 26**

In the vi editor, what vi command will copy (but not paste) from the current line at the cursor and the following 16 lines (17 lines total)? Enter the correct vi command without spaces. (Please enter only a single answer.)

Correct Answer: Answer: 17y,17y,17yy,17yy

Section: (none)

Explanation

Explanation/Reference:

QUESTION 27

What command with all options and/or parameters will send the signal USR1 to any executing process of program apache2?

Correct Answer: Answer: killall -s SIGUSR1 apache2, killall -s USR1 apache2,killall -SIGUSR1 apache2,killall -USR1 apache2

Section: (none)

Explanation

Explanation/Reference:

valid answer

QUESTION 28

Exhibit

procs				memory			swap			io		system			cpu	
r	b	w	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id	
1	0	0	0	143904	25484	50724	0	0	30	8	104	33	3	2	95	
0	0	0	0	143740	25572	50728	0	0	0	9	101	21	1	0	98	
1	0	0	0	136772	28760	50728	0	0	255	58	190	190	3	5	92	
1	0	0	0	118452	41596	50728	0	0	766	518	294	403	3	8	90	
0	1	2	0	90260	61560	50728	0	0	622	1214	344	333	3	7	90	
0	0	0	0	33816	65716	50728	0	0	270	393	265	188	2	5	93	

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. lsmod
- B. vmstat
- C. iostat
- D. fuser

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 29

In order for pam_ldap to be capable of changing a user's password in Active Directory, the pam_password parameter must be set to

- A. win
- B. ldap
- C. ad
- D. active_directory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

modified answer

QUESTION 30

OpenLDAP is capable of using the _____ framework to provide integrity and confidentiality protections.

- A. TLS,SASL,SSL
- B. There is no such thing.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 31

In capacity planning exercise, what tools assist in identifying processes of interest from other processes? (Choose two.)

- A. w
- B. pstree
- C. acpid
- D. lsof

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 32

What type of object class is sambaSamAccount?

- A. auxiliary
- B. structural
- C. extended
- D. abstract

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 33

Which of the following resources would be measured for capacity planning? (Choose two.)

- A. CPU Usage
- B. Disk Usage
- C. Application load time
- D. Memory usage

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 34

After finishing configuration of a UNIX client to authenticate with a Microsoft Active Directory server, login attempts are unsuccessful. Which of the following is most likely the cause?

- A. The slapd daemon is not running
- B. The user account in Active Director has the remote login setting disabled
- C. The PAM library is searching the directory with the default search filter
- D. Unix Client support is disabled in the Active Directory Configuration

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 35

Which of the following procedures will test the TLS configuration of your LDAP server?

- A. Verify the TLS negotiation process in the /var/log/ldap_auth.log file
- B. Run the ldapsearch command with the -ZZ option, while watching network traffic with a packet analyzer
- C. Run the slapcat command, while watching network traffic with a packet analyzer
- D. Verify the TLS negotiation process in the /var/log/auth.log file
- E. Run the ldapsearch command with the -x option, while watching network traffic with a packet analyzer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 36

In order to migrate usernames and passwords from a NIS server, the passwd and shadow files were used with a custom script to import the data to OpenLDAP. After properly creating a test workstation to authenticate against LDAP, the number of lines outputted from getent passwd are different from the number of the NIS client workstation. Which one of the following statements can be true?

- A. The OpenLDAP client is querying the NIS server on the wrong TCP/IP port
- B. The NIS database is not synchronized with passwd and shadow
- C. The NIS clients are not receiving the correct files from the server
- D. The OpenLDAP server creates some additional users that are show in getent
- E. The NIS clients are confused since OpenLDAP and NIS use the same port to communicate

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 37

In the following output, what resource is the program being observed using the most?

- A. Memory
- B. Disk I/O
- C. Network I/O
- D. CPU

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 38

When configuring LDAP to use certificates, which option should be used with the TLSVerifyClient directive to ask the client for a valid certificate in order to proceed normally?

- A. Allow
- B. Try

- C. Never
- D. Demand

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

perfect answer

QUESTION 39

Exhibit * Missing *

In the following output, what resource is the program being observed using the most?

- A. CPU
- B. Network I/O
- C. Disk I/O
- D. Memory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 40

On a Postfix mail server, the command `postconf -m` is run to determine if OpenLDAP is supported. Which storage medium would indicate support for OpenLDAP?

- A. x500
- B. openldap
- C. ldap
- D. dbm
- E. ldaptable

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 41

In capacity planning exercises, what tools assist in identifying processes of interest from other processes? (Choose two.)

- A. top
- B. free
- C. lshal
- D. ps

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 42

What is the goal of capacity planning? (Choose three.)

- A. Selecting a computer vendor
- B. Sizing computers for a specific load
- C. Diagnosing capacity problems
- D. Troubleshooting a software problem
- E. Ensuring sufficient resources from growth

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 43

When configuring a UNIX client to authenticate against a Microsoft Active Directory Server, the top-level entry in the domain is dc=ad,dc=example,dc=com . What is the default DN of the container where users and groups are stored?

- A. CN=USERS,DC=AD,DC=EXAMPLE,Dc=COM

- B. CN=PUBLIC,DC=AD,DC=EXAMPLE,Dc=COM
- C. CN=USERS,DC=AD,DC=EXAMPLE,Dc=ORG

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 44

After an administrator added comments to each line of the ACLs in slapd.conf, the ACLs ceased to function properly. What is the most likely cause of this?

- A. The comments were not added using the semi-colon(;) character
- B. Comments can't be used anywhere in an ACL block
- C. The comments were not added using the pound (#) character
- D. Comments can't be used in the slapd.cnf file

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 45

Which of the following arguments complete the command which will search for cn=ldapadmin OR ou=BR recursively in the directory?

Ldapsearch -LLL -h server -s sub -b "o=inc" "____"

- A. ((cn=ldapamin)|(ou=BR))
- B. ((cn=ldapamin)|(ou=BR)|)
- C. |(cn=ldapamin)|(ou=BR))
- D. ((cn=ldapamin)(ou=BR))
- E. ((cn=ldapamin))|(ou=BR))

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 46

Which command will instruct slurpd to process the replication error log in one-shot mode for the server 192.168.0.3?

- A. slurpd -r -o </path/to/replication/error/log
- B. slurpd -r -h 192.168.0.3 -o
- C. slurpd -r -o 192.168.0.3
- D. slurpd -r -f /path/to/replication/error/log -o
- E. slurpd -r /path/to/replication/error/log o

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 47

What strategy is used to initialize NIS maps?

- A. Start ypserver with the -new option
- B. Create the yp.conf configuration file then restart the NIS server process
- C. Create the nis.conf configuration file then restart the NIS server process
- D. Execute the make command from the /var/yp directory

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 48

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. iostat
- B. lsmod

- C. fuser
- D. vmstat

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 49

Which of the following is the correct syntax for including a schema file in slapd.conf?

- A. include /usr/local/etc/openldap/schema/core.schema
- B. add /usr/local/etc/openldap/schema/core.schema
- C. permit /usr/local/etc/openldap/schema/core.schema
- D. allow /usr/local/etc/openldap/schema/core.schema

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 50

Which LDAP object class is used in a white pages implementation?

- A. OrganizationalRole
- B. InetOrgPerson
- C. WhitePageUser
- D. FriendlyPerson
- E. PosixAccount

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 51

Which command will perform a one-level search from the DN c=INC, for all entries whose organization's name begins with RioDeJaneiro?

- A. `ldapsearch -s sub -b "c=INC" -f "(o=RioDeJaneiro) (Description)"`
- B. `ldapsearch -LLL -b "c=INC" "(o=description)" RioDeJaneiro*`
- C. `ldapsearch -b "c=INC" -f (o=description,cn=RioDeJaneiro%)"`
- D. `ldapsearch -LLL -s one -b "c=INC" "(c=INC" "(o=RioDeJaneiro*)"`

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 52

Which option should be used to disable anonymous binds to your LDAP directory?

- A. `Disallow bind_simple`
- B. `Disallow bind_anon`
- C. `Disallow bind_anon_cred`
- D. `Disallow bind_simple_unprotected`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 53

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. `lsmod`
- B. `vmstat`
- C. `fuser`
- D. `iostat`

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 54

When configuring a syncrepl provider slapd, which directives must be present in slapd.conf? (Choose TWO correct Answer)

- A. syncrepl-sessionlog
- B. syncrepl-overlay
- C. syncrepl-checkpoint
- D. syncrepl-errorlog

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

Explanation

The provider is implemented as an overlay, so the overlay itself must first be configured in slapd.conf (5) before it can be used. The provider has only two configuration directives, for setting checkpoints on the contextCSN and for configuring the session log. Because the LDAP Sync search is subject to access control, proper access control privileges should be set up for the replicated content.

The contextCSN checkpoint is configured by the syncrepl-checkpoint directive. Checkpoints are only tested after successful write operations. If operations or more than time has passed since the last checkpoint, a new checkpoint is performed. The session log is configured by the syncrepl-sessionlog directive, where is the maximum number of session log entries the session log can record. When a session log is configured, it is automatically used for all LDAP Sync searches within the database. syncrepl-checkpoint ops minutes This directive controls maintenance of the contextCSN which is normally a memory only value but is written to the database on normal server termination and loaded from the database during server start-up operations. The directive may be used to force the provider to write the contextCSN to the underlying database after a successful write operation after either ops write operations or more than minutes time have passed since the last contextCSN database update (or checkpoint). syncrepl-checkpoint is disabled by default. This directive is designed to minimise the amount of consumer synchronization activity required in the event that the master (provider) DIT server crashes.

syncrepl-nopresent TRUE | FALSE

If set to TRUE the Present phase of refreshing should be bypassed. This value should only be set TRUE for a syncrepl instance used with a log database such as one managed using the accesslog overlay. The default is FALSE.

syncrepl-reloadhint TRUE | FALSE

Indicates the overlay should honor the reloadHint flag in the Sync Control (Note certain version 2.3 clients did not set the reloadhint flag correctly). It must be set TRUE when using the accesslog overlay for delta-synchronization. The default is FALSE. reloadhint may be used by the consumer requesting the replication operation to indicate that it wishes to force a complete transfer of the DIT irrespective of any other settings or values - such as the Sync Cookie.

syncrepl-sessionlog ops

Indicates that a session log for recording information about write operations made on the database should be maintained by the provider. Ops specifies the number of operations that are recorded in the log. All write operations (except Adds) are recorded in the log. When using the session log, it is helpful to set an eq index on the entryUUID attribute in the underlying provider database

QUESTION 55

When importing the contents of one directory into another, the administrator is adding entries with the slapadd command. Which of the following statements are true? (Choose three.)



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- A. slapindex must be run after slapadd, because the slapadd operation will not write to index files
- B. The changes in the LDIF file will not be replicated with slurpd
- C. The slapd process must be stopped before running slapadd
- D. Slapstart must be run after creating the entries
- E. All slave servers must be listed in the LDIF file for the entries to be replicated

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 56

After analyzing a slapd.conf file, an administrator noted that the rootdn and rootpw directives are not present. Where is the LDAP administrator account defined?

- A. The account is defined in the file /etc/ldap/secret
- B. It is using the default account admin with the password admin
- C. The account is defined by an ACL in slapd.conf
- D. It is using the default account admin with a null password
- E. The account is defined in the file /etc/ldap.root.conf

Correct Answer: C

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Section: (none)

Explanation

Explanation/Reference:

QUESTION 57

Which of the following steps should be followed when configuring a slave slapd server? (Choose three.)

- A. Do not add a relogfile directive to slapd.conf
- B. Add a relogfile directive to slapd.conf
- C. Do not add a replica directive to slapd.conf
- D. Add a replica directive to slapd.conf
- E. Add an updatedn directive to slapd.conf

Correct Answer: ACE

Section: (none)

Explanation

Explanation/Reference:

updated answers

QUESTION 58

The administrator wants to add the content from an LDIF file named example.ldif to the LDAP directory. Which of the following commands will perform this task?

- A. slapadd -F example.ldif
- B. slapadd -f example.ldif
- C. slapadd <example.ldif
- D. slapadd example.ldif

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 59

When two databases are defined in slapd.conf, which of the following commands will provide a full dump of the second database?

- A. slapcat -database 2
- B. slap_dumpall -name nameofdatabase
- C. slapcat -n 2
- D. slapcat -2

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 60

Which of the following are common Net LDAP methods? (Choose three.)

- A. error
- B. bind
- C. unbind
- D. query
- E. search

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 61

Which of the following parameters in slapd.conf are used to tune the database cache size? (Choose two.)

- A. databasecachesize
- B. dbcachesize
- C. dcachesize
- D. cachesize

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 62

Which of the following describes correct LDAP service definitions? (Choose three.)

- A. LDAP is optimized for searching information
- B. LDAP follows the X.500 directory standard
- C. X.500 directories can run only over TCP/IP
- D. LDAPv6 is the latest stable version specified by RFCs
- E. LDAP was developed as a lightweight alternative to DAP

Correct Answer: ABE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 63

When using the auth_ldap module with APACHE 1.3, the log displays several messages containing "protocol error". Which of the following steps should be followed to fix the problem?

- A. AuthLDAPStartTLS must be set to on
- B. The Apache_auth.schema must be included in slapd.conf
- C. The Apache module must be turned on in slapd.conf
- D. LDAPv2 should be disallowed
- E. LDAPv3 should be allowed

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 64

Which technique could be used in analysing capacity planning data?

- A. Combinatorics
- B. Category Theory
- C. Gate Control Theory
- D. Queueing Theory

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

Explanation

Queueing Theory

Analytic models are based on a set of formulas and computational algorithms used to generate performance metrics from model parameters. Such models are normally based on the theory of queueing networks and are used to predict the performance of a system as a function of the system's description and workload parameters.

Category Theory

Jack Park writes See <http://www.tunes.org> in particular the paper on the Arrows system by Brian Rice. IMHO this is the software project closest to the Rosen's ideas (which use Category Theory as a Mathematics of Knowledge)

QUESTION 65

All entries in an LDAP directory must have the _____ attribute.

Correct Answer: Answer: OBJECTCLASS

Section: (none)

Explanation

Explanation/Reference:

QUESTION 66

When configuration LDAP Support on a FreeRADIUS server, which rlm_ldap parameter is used in the radiusd.conf file to enable TLS? (Enter parameter only).

Correct Answer: Answer: START_TLS

Section: (none)

Explanation

Explanation/Reference:

QUESTION 67

Specifying TLSVerifyClient=_____ in slapd.conf will instruct slapd to not ask the client for a certificate.

Correct Answer: Answer: NEVER

Section: (none)

Explanation

Explanation/Reference:

QUESTION 68

OpenLDAP v2 requires an equality index on the objectclass attribute. What line in slapd.conf will accomplish this? (Enter the entire line, separating fields with a single space)

Correct Answer: Answer: INDEXOBJECTLASSEQ

Section: (none)

Explanation

Explanation/Reference:

QUESTION 69

You are building a server which will authenticate users using the pam_ldap module. In addition to possessing a valid account, you only want to allow logins by users who are members of a certain group. Which parameter in ldap.conf will allow you to specify a filter string to be ANDed with the login attribute when validating a user? (Enter only the parameter without any options or values)

Correct Answer: Answer: PAM_FILTER

Section: (none)

Explanation

Explanation/Reference:

QUESTION 70

The _____ daemon provides the capability for a master slapd server to propagate changes to a slave.

Correct Answer: Answer: SLURPD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 71

Which configuration option will enable SSL/TLS encryption when compiling OpenLDAP?

Correct Answer: Answer: --WITH-TLS

Section: (none)

Explanation

Explanation/Reference:

QUESTION 72

Which changetype operation is used to rename the Relative Distinguished Name (RDN) of an LDAP entry?

Correct Answer: Answer: MODRDN

Section: (none)

Explanation

Explanation/Reference:

QUESTION 73

Several mail clients do not support LDAP version 3 binding. If an installation of OpenLDAP rejects version 2 binds by default, what line must be added to slapd.conf to support these clients?

Correct Answer: Answer: ALLOWBIND_V2

Section: (none)

Explanation

Explanation/Reference:

QUESTION 74

Which of the following is the difference between the --remove and the --purge action with the dpkg command?

- A. --remove removes the program, --purge also removes the config files.
- B. --remove only removes the program, --purge only removes the config files.
- C. --remove removes a package, --purge also removes all packages dependent on it.

D. --remove removes only the package file itself, --purge removes all files related to the package.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

valid answer

QUESTION 75

Which of the following is the process ID number of the init program?

- A. -1
- B. 0
- C. 1
- D. It is different with each reboot.
- E. It is set to the current run level.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

perfect answer

QUESTION 76

Pressing the Ctrl-C combination on the keyboard while a command is executing in the foreground sends which of following signal codes?

- A. 1 (SIGHUP)
- B. 2 (SIGINT)
- C. 3 (SIGQUIT)
- D. 9 (SIGKILL)
- E. 15 (SIGTERM)

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 77

To what environment variable will an administrator assign or append a value if the administrator needs to tell the dynamic linker to look in a build directory for some of a program's shared libraries?

- A. LD_LOAD_PATH
- B. LD_LIB_PATH
- C. LD_LIBRARY_PATH
- D. LD_SHARE_PATH
- E. LD_RUN_PATH

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 78

An administrator has just added a CD-ROM drive (/dev/hdd) to a system and added it to the administrator's fstab. Typically the administrator can use which of the following commands to mount media in that drive to /mnt/cdrom?

- A. mount /dev/cdrom /mnt/cdrom
- B. mount /dev/cdrom
- C. mount -t cdrom /dev/cdrom /mnt/cdrom
- D. mount /mnt/cdrom
- E. automount /mnt/hdd /mnt/cdrom}

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 79

An administrator wishes to kill a process with a PID of 123. Which of the following commands will allow the process to "clean up" before exiting?

- A. kill -1 123
- B. kill -9 123
- C. kill -15 123
- D. kill -17 123

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 80

To ensure that a running process continue to execute after you log out, the process should be started with which of the following commands?

- A. nohup
- B. fg
- C. live
- D. sh

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 81

The system is having trouble and the engineer wants to bypass the usual /sbin/init start up and run /bin/sh. Which of the following is the usual way to pass this change to the kernel from the boot loader?

- A. Start in runlevel 1.
- B. Pass init=/bin/sh on the kernel parameter line.
- C. Pass /bin/sh on the kernel parameter line.
- D. Pass start=/bin/sh on the kernel parameter line.

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 82**

Which of the following does the command mount -a do?

- A. It mounts the floppy disk for all users.
- B. It shows all mounted file systems.
- C. It opens /etc/fstab to edit.
- D. It mounts all file systems listed in /etc/fstab.

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 83**

How can an administrator update a package only if an earlier version is currently installed on the system?

- A. rpm --update rpmname
- B. rpm -U rpmname
- C. rpm -F rpmname
- D. rpm --force rpmname
- E. rpm -u rpmname

Correct Answer: E

Section: (none)

Explanation**Explanation/Reference:****QUESTION 84**

Which of the following commands will show the contents of a gzip compressed tar archive?

- A. gzip archive.tgz | tar xvf -
- B. tar ztf archive.tgz
- C. gzip -d archive.tgz | tar tvf -
- D. tar cf archive.tgz

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 85

Which of the following commands can be used to instruct the init process to switch runlevels? (Select TWO).

- A. telinit
- B. initctl
- C. init
- D. reinit
- E. runlevel

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 86

All of the following commands will execute the bash script /usr/local/bin/runme.sh EXCEPT:

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 87

An administrator is experimenting with a binary in /tmp/foo.d that expects its configuration file at /etc/foo.conf. The administrator does not want to save it there, but use a symbolic link to /tmp/foo.d/foo.conf instead. Which of the following commands would accomplish this?

- A. ln -s /tmp/foo.d/foo.conf /etc/foo.conf
- B. ln /tmp/foo.d/foo.conf /etc/foo.conf
- C. ln -s /etc/foo.conf /tmp/foo.d/foo.conf
- D. ln /etc/foo.conf /tmp/foo.d/foo.conf

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 88

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process. Which of the following does this indicate?

- A. The kernel was unable to execute /bin/init
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
- D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 89

Which of the following commands is run LAST during boot on a system with quotas enabled?

- A. fsck
- B. mount
- C. quotacheck
- D. quotaon

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 90

An administrator has read/write permissions on an ordinary file foo. The administrator has just run `ln foo bar`. Which of the following would occur if the administrator ran `rm foo`?

- A. foo and bar would both be removed.
- B. foo would be removed while bar would remain accessible.
- C. foo would be removed. bar would still exist but would be unusable.
- D. Both foo and bar would remain accessible.
- E. The administrator would be asked whether bar should be removed.

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

specified answer

QUESTION 91

Which of the following commands will send output from the program myapp to both standard output (stdout) and the file file1.log?

- A. `cat < myapp | cat > file1.log`
- B. `myapp 0>&1 | cat > file1.log`
- C. `myapp | cat > file1.log`
- D. `myapp | tee file1.log`

E. tee myapp file1.log

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 92

Which of the following Linux filesystems pre-allocates a fixed number of inodes at filesystems make/creation time, and does NOT generate them as needed?

- A. ext3
- B. jfs
- C. reiserfs
- D. xfs

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 93

An administrator is having some trouble with a disk partition and needs to do maintenance on this partition. The administrator's users home directories are on it and several are logged in. Which of the following commands would disconnect the users and allow the administrator to safely execute maintenance tasks?

- A. telinit 1
- B. shutdown -r now
- C. killall -9 inetd
- D. /bin/netstop --maint
- E. /etc/rc.d/init.d/network stop

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 94

Which of the following Debian package system commands will list all partially installed packages and suggest how to get them correctly installed?

- A. `dpkg -C`
- B. `apt-get -u`
- C. `dpkg -Dh`
- D. `dpkg -l`
- E. `apt-get -y`

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 95

The message "Hard Disk Error" is displayed on the screen during Stage 1 of the GRUB boot process.

Which of the following does this indicate?

- A. The kernel was unable to execute `/bin/init`
- B. The next Stage cannot be read from the hard disk because GRUB was unable to determine the size and geometry of the disk
- C. One or more of the filesystems on the hard disk has errors and a filesystem check should be run
- D. The BIOS was unable to read the necessary data from the Master Boot Record to begin the boot process

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 96

An administrator wants the default permissions for their files to be `-rw-r-----`. How must the administrator set `umask`?

- A. 037
- B. 640

- C. 038
- D. 027

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 97

An administrator is writing text in vi. Now the administrator wants to save their changes and exit. Which of the following sequence of inputs will accomplish this? (Select TWO).

- A. esc ZZ
- B. ctrl :w!
- C. esc zz
- D. esc :wq!
- E. ctrl XX

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 98

While editing a file in vi, an administrator realizes that the wrong file is being changed. Which of the following vi command sequences will allow the administrator to quit without saving any changes?

- A. :Q!
- B. :q!
- C. :w!
- D. :wq!

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

verified answer

QUESTION 99

In the command `foo < bar | foobar`, which of the following statements is correct?

- A. The stdout from the command `foobar` is saved to the file `foo`.
- B. The stdout from the command `foo` is saved to the file `foobar`.
- C. The command `foobar` receives its stdin from the stderr of `foo`.
- D. The command `foobar` receives its stdin from the stdout of `foo`.
- E. The command `bar` receives its stdin from the contents of the file `foobar`.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:



<http://www.gratisexam.com/>

QUESTION 100

Which of the following is the output when the below shell script executes? `cat <<foobar Hello foobar foobar`

- A. The contents of the file `foobar`
- B. Hello
- C. No output but a file named `foobar` is created
- D. Hello foobar
- E. Hello foobar
foobar

Correct Answer: D

Section: (none)

Explanation**Explanation/Reference:****QUESTION 101**

The USB device filesystem can be found under /proc/_____/usb/. (Please fill in the blank with the single word only).

Correct Answer: Answer: bus

Section: (none)

Explanation**Explanation/Reference:****QUESTION 102**

The priority of any process can range from -20 to _____. (Provide only the numerical value).

Correct Answer: Answer: +19,19

Section: (none)

Explanation**Explanation/Reference:****QUESTION 103**

An administrator has written a custom tool on their local system. Following the Filesystem Hierarchy Standard (FHS), where should the administrator install the binaries to be available to all users on the administrator's system?

Correct Answer: Answer: /usr/local/bin,/usr/local/bin/

Section: (none)

Explanation**Explanation/Reference:****QUESTION 104**

An administrator wants to display all currently mounted file systems. Which command would be used? (Please enter only a single command without arguments or options).

Correct Answer: Answer: /bin/df,/bin/mount,df,mount

Section: (none)

Explanation

Explanation/Reference:

QUESTION 105

Upon booting a Linux box, an administrator notices a message scrolling by that does not look right, but it goes by so fast, the administrator does not have a chance to read it. What command could the administrator use to view that message after the boot process completes? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /bin/dmesg,dmesg

Section: (none)

Explanation

Explanation/Reference:

QUESTION 106

All of the following commands will update the Modify timestamp on the file /tmp/myfile.txt EXCEPT:

- A. file /tmp/myfile.txt
- B. echo "Hello" >/tmp/myfile.txt
- C. sed -ie "s/1/2/" /tmp/myfile.txt
- D. echo -n "Hello" >/tmp/myfile.txt
- E. touch /tmp/myfile.txt

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 107

In the vi editor, which of the following commands will delete the current line at the cursor and the 16 lines following it (17 lines total)?

- A. 17d
- B. 17dd

- C. 17x
- D. d17d
- E. 16d

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 108

In compliance with the FHS, in which of the following places are man pages typically found?

- A. /usr/share/man
- B. /opt/man
- C. /usr/doc/
- D. /var/pkg/man
- E. /usr/local/man

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 109

The lspci command can display information about devices EXCEPT:

- A. card bus speed (e.g. 66Mhz).
- B. card IRQ settings.
- C. card vendor identification.
- D. card AGP rate (e.g. 1x, 2x, 4x).
- E. card Ethernet MAC address.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

answer updated

QUESTION 110

Which of the following command lines would an administrator use to restrict the GNU find command to searching a particular number of subdirectories?

- A. --max-dirs
- B. -dirmax
- C. -maxdepth
- D. -s
- E. -n

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 111

An administrator is looking for an executable file foo. Which of the following commands would search for foo within directories set in the shell variable, PATH?

- A. locate
- B. which
- C. find
- D. query
- E. whereis

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 112

Which of the following commands will allow an administrator to adjust the number of mounts after which an existing filesystem will be checked by e2fsck?

- A. debugfs
- B. dumpe2fs
- C. mode2fs
- D. tune2fs
- E. mke2fs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 113

Which of the following directories contains additional information about installed packages?

- A. /usr/share/documentation
- B. /usr/local/share/documentation
- C. /usr/local/doc
- D. /usr/share/doc
- E. /usr/packages/doc

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 114

All of the following commands will execute the bash script /usr/local/bin/runme.sh EXCEPT:

- A. source /usr/local/bin/runme.sh
- B. . /usr/local/bin/runme.sh
- C. /bin/bash /usr/local/bin/runme.sh
- D. /usr/local/bin/runme.sh
- E. run /usr/local/bin/runme.sh

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 115

Which of the following commands will change all CR-LF pairs in an imported text file, userlist.txt, to Linux standard LF characters and store it as newlist.txt?

- A. `tr '\r\n' " " < userlist.txt > newlist.txt`
- B. `tr -c '\n\r' " " < newlist.txt > userlist.txt`
- C. `tr -d '\r' < userlist.txt > newlist.txt`
- D. `tr '\r' '\n' userlist.txt newlist.txt`
- E. `tr -s '^M' '^J' userlist.txt newlist.txt`

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 116

Bob accidentally created the subdirectory \bobsdir in his home directory. He tried to remove the subdirectory with the command `rmdir \bobsfile` only to receive the error, "No such file or directory." . Which of the following commands will remove the directory?

- A. `rmdir '~bob/\bobsdir'`
- B. `rmdir "~bob/\bobsdir"`
- C. `rmdir ~bob/"bobsdir"`
- D. `rmdir ~bob/\bobsdir`
- E. `rmdir ~bob/\\bobsdir`

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 117

Many people like the vi text editor but the default bash command line editor recognizes emacs keystrokes. Which of the following commands, entered into a bash initialization file, will have bash recognize vi keystrokes after login?

- A. history -p vi
- B. alias emacs=vi
- C. HISTCMD=vi
- D. set -o vi
- E. unset emacs

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 118

After modifying the indexes for a database in slapd.conf and running slapindex- the slapd daemon refuses to start when its init script is called. What is the most likely cause of this?

- A. The indexes are not compatible with the init script
- B. The init script is starting slapd as an ordinary user and the index files are owned by root
- C. The init script has identified one or more invalid indexes
- D. The init script can't be run after executing slapindex, without first signing the indexes with slapsign

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 119

An administrator notices that searches are being processed sequentially and taking a long time to complete. What should be done to speed up the searches?

- A. Refine the search filter

- B. Use the -binarytreesearch option with ldapsearch
- C. Use the -fuzzy option with ldapsearch
- D. Add the correct indexes in slapd.conf, stop the server and run slapindex

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 120

Select the INCORRECT statement regarding the LDIF file format

- A. In the file, a blank line separates one entry from another one
- B. The LDIF file accepts any type of file encoding
- C. If the attribute contains binary data, some specific configurations must be made for this entry
- D. It must contains a "dn" line (or distinguished name), that indicates where the attributes listed in the following lines of the file must be added

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 121

Which of the following tools are used to measure memory usage? (Choose three.)

- A. pstree
- B. vmstat
- C. mpstat
- D. top
- E. sar

Correct Answer: BDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 122

A private OID should be obtained for a company when

- A. The company plans to create custom schema files for their directory
- B. That company runs out of public OIDS
- C. The company wants to make their directory available to the public on the World Wide Web
- D. The company intends to use LDAP for commercial purposes

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 123

Which of the following switches for the ldapsearch command makes sure that search referrals are followed?

- A. -C
- B. -R
- C. -r
- D. S

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 124

An administrators has manually migrated local accounts to LDAP, instead of using the migration tools. When trying to authenticate as a user, as error is returned about invalid credentials. What is the most likely cause of this?

- A. The password hash type was not included in the user's password attribute

- B. The administrator forgot to run slapasswd to convert the hashes in /etc/shadow
- C. The original password from /etc/passwd was not included
- D. Shadow passwords are incompatible with OpenLDAP
- E. The administrator forgot to run ldappasswd to convert the hashes in /etc/shadow

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 125

In the following output, what was the maximum number of processes swapped out at any time? Exhibit

procs				memory			swap		io		system			cpu	
r	b	w	swpd	free	buff	cache	si	so	bi	bo	in	cs	us	sy	id
1	0	0	0	76272	67784	55956	0	0	35	16	107	36	5	2	93
0	0	0	0	24936	67992	55960	0	0	0	3	281	412	18	26	56
8	0	0	0	4040	62872	51080	0	0	0	6	202	247	16	13	71
0	0	0	56	3384	34444	21744	0	0	0	17	205	245	16	16	68
0	0	0	1128	3532	31032	18868	0	27	0	31	151	119	9	11	81
2	0	0	1044	19136	31044	18868	0	0	0	2	106	67	3	4	93

- A. 0
- B. 2
- C. 1
- D. 27
- E. 8

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 126

Which command should be used to optimize LDAP searches?

- A. ldapsearch -h sub
- B. slapd -r +20
- C. slapindex
- D. make /var/lib/openldap-data/
- E. slapd-instances=10-f

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 127

When investigating memory usage, what is the most important measurement for capacity planning purposes?

- A. Virtual memory size (VSZ)
- B. Swap memory usage
- C. Total Memory
- D. resident set size (RSS)

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 128

What is true of any created custom attribute or object class?

- A. It must not contain any numbers
- B. It can't be placed in one of the default distributed schema files
- C. The name must be registered with IANA to avoid conflicts with other custom schemas
- D. It must have a unique OID

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 129

When logged in to a workstation which retrieves most of its user information from NIS, which command can be used to list ALL to users?

- A. ypsusers list
- B. cat /etc/passwd
- C. cat /var/lib/nis/passwd
- D. getent passwd
- E. show users

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 130

A user is unable to login on a workstation where NSCD was configured BEFORE the pam_ldap and nss_ldap modules. What should be done to fix this problem?

- A. Nscd must be started with -ldap=yes option
- B. Restart the NSS Server
- C. Restart the nscd daemon
- D. Restart the PAM Server
- E. Nscd incompatible with OpenLDAP and should be disabled

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 131

Which of the following is correct about this excerpt from an LDIF file? Dn cn=PrintOperators,ou=Groups,ou=IT,o=BR

- A. dn is the domain name
- B. o is the organizational unit
- C. cn is the common name
- D. dn is the relative distinguished name

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 132

In capacity planning exercises, what tools assist in identifying processes of interest from other processes? (Choose two.)

- A. free
- B. top
- C. lshal
- D. ps

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 133

Which of the following resources would be measured for capacity planning? (Choose two.)

- A. Application load time
- B. Disk Usage
- C. Memory usage
- D. CPU Usage

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 134

After configuration PAM and NSS to integrate with OpenLDAP, the SSH server refuses to authenticate users who are only in LDAP. What is the first step you should follow to debug this problem?

- A. Restart the sshd server
- B. Restart the nssd server
- C. Add the Use_LDAP=yes parameter to sshd_config
- D. Restart the pamd service

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 135

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. lsof
- B. fuser
- C. top
- D. ps

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 136

What does the LDIF acronym stand for?

- A. Lightweight Database Interchange Format
- B. LDAP Database Interchange Format
- C. LDAP Data Internet File
- D. LDAP Data Interchange Format

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 137

When configuring an LDAP system for integration with PAM and NSS the /etc/nsswitch.conf file needs to be modified. What is the best choice below to fill in this line from the /etc/nsswitch.conf file? passwd: files _____

- A. pam
- B. ldap
- C. pam_nss
- D. pam_ldap
- E. none

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: https://wiki.archlinux.org/index.php/LDAP_Authentication (Configure NSS, see the second blue box and first line)

QUESTION 138

When planning a web server which of the following choices will impact system sizing? (Specify THREE answers)

- A. How many concurrent users are expected
- B. Which hardware vendor has better Linux support.
- C. What type of content will be served
- D. What scripting languages will the web server support.
- E. Will the OS install be CD, DVD or network based.

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 139

In the following output, what percentage of time was the CPU waiting for pending I/O?

```
# vmstat 1 100
procs -----memory----- --swap-- ----io---- --system-- ----cpu-----
 r  b   swpd   free   buff  cache   si   so    bi    bo    in    cs   us  sy  id  wa
 0  0     0 282120 134108 5797012   0    0     0     2     0     0   0  0 100  0
 0  0     0 282120 134108 5797012   0    0     0     0 1007   359  0  0 100  0
 0  0     0 282120 134108 5797012   0    0     0     0 1117   577  0  0 100  0
 0  0     0 282120 134108 5797012   0    0     0     0 1007   366  0  0 100  0
```

- A. 0
- B. 100
- C. 35.9
- D. 35.7
- E. 36.6

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 140

In the following output, what is the 5 minute load average for the system?



<http://www.gratisexam.com/>

```
[root@server ~]# uptime
12:10:05 up 18 days, 19:00, 2 users, load average: 0.47, 24.71, 35.31
```

- A. 0.47
- B. 24.71
- C. 35.31
- D. There is no 5 minute interval. It is some value between 0.47 and 24.71.
- E. There is no 5 minute interval. It is some value between 24.71 and 35.31.

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 141

In the below example output, which columns detail the percent of time the CPU is in User Mode and the percent of time the CPU is in System Mode? (Please specify the TWO correct answers)

```
# vmstat 1 100
procs -----memory----- --swap-- --io-- --system-- ----cpu----
 r  b    swpd   free   buff   cache    si   so    bi   bo    in    cs   us  sy  id  wa
 0  0        0 282120 134108 5797012    0    0     0    2     0     0   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1007   359   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1117   577   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1007   366   0  0 100  0
```

- A. id
- B. us
- C. wa
- D. sy

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 142

In this example output, which descriptions match the purpose of the free, buff and cache columns? (Specify THREE correct answers)

```
# vmstat 1 100
procs -----memory----- --swap-- --io-- --system-- ----cpu----
 r  b    swpd   free   buff   cache    si   so    bi   bo    in    cs   us  sy  id  wa
 0  0        0 282120 134108 5797012    0    0     0    2     0     0   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1007   359   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1117   577   0  0 100  0
 0  0        0 282120 134108 5797012    0    0     0    0 1007   366   0  0 100  0
```

- A. Used swap space
- B. RAM available for filesystem buffers
- C. Available free RAM
- D. RAM used for buffers

E. RAM used for filesystem cache

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 143

Which of the following are valid choices for the LDAP database backend? (Choose THREE correct answers.)

- A. file
- B. config
- C. passwd
- D. LDBM
- E. shell

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

valuable answers

QUESTION 144

What is the utility used to test that slapd.conf is usable and minimally complete?

- A. slapdtest
- B. slaptest
- C. ldapsearch
- D. ldaptest

Correct Answer:

Section: (none)

Explanation

Explanation/Reference:

Answer: <http://tldp.org/HOWTO/LDAP-HOWTO/ldapbackends.html> (see 1.3, second sentence)

QUESTION 145

In the example below, what is the missing argument that is required to use `secret' as the password to authenticate the replication push with a slave directory server?

```
replica uri=ldaps://slave.example.com:636  
        binddn="cn=Replicator,dc=example,dc=com"  
        bindmethod=simple _____=secret
```

- A. secure
- B. master
- C. credentials
- D. password

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.openldap.org/doc/admin24/replication.html> (18.3.1.3 Set up the consumer slapd, see the example code)

QUESTION 146

When securing the LDAP directory using TCP Wrappers, choose the correct option to exclude any network not defined in the sample below from having access to the directory.

```
slapd: 10.0.0.0/255.0.0.0 127.0.0.1 : ALLOW  
slapd: _____: DENY
```

- A. ANY
- B. ACCESS
- C. ALL
- D. NONE

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.openldap.org/doc/admin24/security.html> (14.1.3. TCP Wrappers)

QUESTION 147

After updating and adding indexes to the configuration file, what is the utility used to regenerate the indices?

- A. slapindex
- B. slapdindex
- C. ldapindex
- D. slapdindices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 148

What is the slapd.conf directive used to load classes into the LDAP configuration?

- A. Class
- B. objectClass
- C. objectConflg
- D. objectConfigClass

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 149

When importing employee information for the corporate whitepages, which department is Gerald to be assigned, according to this excerpt from the LDIF file?

dn: cn=Gerald W. Cartec, ou=engineering,dc=plainjoe,dc=org

- A. plainjoe

- B. plain30e.org
- C. none
- D. engineering

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 150

Often times LDAP administrators may find it is necessary to limit the number of search results from the directory. In the global section of the slapd.conf file it is possible to set both hard and soft limits. Select below which single item would set a soft limit of 10 and a hard limit of 25 on search results.

- A. searchlimit size.soft=10 size.hard=25
- B. sizelimit size.soft=10 size.hard=25
- C. sizelimit size.hard=10 size.soft=25
- D. search sizelimit size.soft=10 size.hard=25

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Reference: <http://www.openldap.org/doc/admin24/limits.html> (9.3.Global limits, see the last code under the topic)

QUESTION 151

What are the expected results of the following command:

`ldapsearch -LLL "(cn=Steve Smith)" cn sn telephoneNumber`

- A. dn: uid=jts,dc=example,dc=com
cn: John Smith
cn: John T. Smith
sn: Smith
telephoneNumber: 1 555 123-4567
- B
dn: uid=sss,dc=example/dc=com
cn: Steve Smith
cn: Steve S. Smith

sn: Smith
telephoneNumber: 1 555 765-4321

- B. dn: uid=sss,dc=example,dc=com
sn: Smith
telephoneNumber: 1 555 765-4321
- C. dn: uid=sss,dc=example,dc=com
cn: Steve Smith
cn: Steve S. Smith

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 152

Which of the following does the Filesystem Hierarchy Standard enable? (Select TWO).

- A. Software to predict the location of installed files and directories.
- B. Software to predict the ownership and access rights to files and directories.
- C. Users to predict the location of installed files and directories.
- D. Users to predict how the filesystem should be formatted according to need.

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 153

Which of the following chown commands will change the ownership to foo and the group to bar on a file named biglist?

- A. chown foo/bar biglist
- B. chown -u foo -g bar biglist
- C. chown foo:bar biglist
- D. chown --user foo --group bar biglist

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 154

To allow a regular user account to mount and unmount a filesystem (for instance, a cdrom or floppy), which of the following options will need to be added to the corresponding line in /etc/fstab?

- A. nouidchk
- B. alluser
- C. user
- D. auto

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 155

An administrator is trying to make a hard link to an ordinary file but ln returns an error. Which of the following could cause this?

- A. The source file is hidden.
- B. The source file is read-only.
- C. The source file is a shell script.
- D. The administrator does not own the source file.
- E. The source and the target are on different filesystems.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 156

Which of the following commands will print to standard out only the lines that do not begin with # (pound symbol) in the file foobar?

- A. `/bin/grep ^# foobar`
- B. `/bin/grep -v ^# foobar`
- C. `/bin/grep # $ foobar`
- D. `/bin/grep -v # $ foobar`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 157

For which of the following can the tee command be used?

- A. Print the contents of a file in reverse order.
- B. Use the output of one command as arguments to another.
- C. Add line numbers to the output of a command.
- D. Pipe the output of one command into the input of another.
- E. Send a command's output to stdout and a to file at the same time.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

updated answer

QUESTION 158

In bash, inserting `1>&2` after a command redirects:

- A. standard error to standard input.
- B. standard input to standard error.
- C. standard output to standard error.
- D. standard error to standard output.

E. standard output to standard input.

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 159

An administrator has created a really long letter and after the administrator is done, notices that the name "Bob" has been used many times. The administrator forgot to capitalize it in many instances. Which of the following commands would replace "bob" with "Bob" in all instances and generate a new letter for printing?

- A. sed '/bob/Bob' letter > newletter
- B. sed s/bob/Bob/ letter < newletter
- C. sed 's/bob/Bob' letter > newletter
- D. sed 's/bob/Bob/g' letter > newletter
- E. sed 's/bob, Bob/' letter > newletter

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 160

Which of the following commands will create an ext3 filesystem on /dev/hda2?

- A. /sbin/mke2fs -d /dev/hda2
- B. /sbin/mke2fs -j /dev/hda2
- C. /sbin/mke2fs -m 3 /dev/hda2
- D. /sbin/mke2fs -c ext3 /dev/hda2

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 161

Which of the following is the default process priority when a process is started using the nice command?

- A. -10
- B. 10
- C. 20
- D. 0

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 162

Which of the following RPM commands will output the name of the package which installed the file /etc/exports?

- A. rpm -F /etc/exports
- B. rpm -qf /etc/exports
- C. rpm -KI /etc/exports
- D. rpm -qp /etc/exports
- E. rpm -qi /etc/exports

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 163

Which of the following commands will print a list of usernames (first column) and their corresponding user id (uid, third column) from /etc/passwd?

- A. cut -d: -f1,3 /etc/passwd
- B. chop -c 1,3 /etc/passwd
- C. tac 1-3 /etc/passwd

D. `fmt -u /etc/passwd`

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 164

Which of the following commands will print the inode usage on each mounted filesystem?

A. `du -i`

B. `df -i`

C. `lsfs -i`

D. `printfs -i`

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 165

Which of the following is true when hard-linked files are present?

A. The output of `stat` will report "hard" instead of "regular file"

B. The hard-linked files may not be empty

C. Both files will share the same inode

D. Issuing a long directory listing with `ls -l` will indicate the link with "->"

E. The file permissions will be prefixed by an "h", eg. `hrwxr-xr-x`

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 166

Which of the following files should be edited to select the network locations from which Debian installation package files are loaded?

- A. /etc/dpkg/dpkg.cfg
- B. /etc/apt/apt.conf
- C. /etc/apt/apt.conf.d
- D. /etc/apt/sources.list
- E. /etc/dpkg/dselect.cfg

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 167

Which of the following commands will print to standard out only the lines that do not begin with # (pound symbol) in the file foobar?

- A. /bin/grep ^# foobar
- B. /bin/grep -v ^# foobar
- C. /bin/grep #\$ foobar
- D. /bin/grep -v #\$ foobar

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

valuable answer

QUESTION 168

Which of the following directories contains additional information about installed packages?

- A. /usr/share/documentation
- B. /usr/local/share/documentation
- C. /usr/local/doc

- D. /usr/share/doc
- E. /usr/packages/doc

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 169

What does the slapindex tool do?

- A. Defragments the LDAP database files
- B. Displays only the DN of every entry in the directory, sorted by container
- C. Displays information about the currently configured indexes
- D. Regenerates indexes defined in slapd.conf

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 170

Which one of the following pieces of information is not present in the slurpd replication log file?

- A. The address of the remote LDAP slave server
- B. The name of the user who initiated the modification
- C. A timestamp of when the modification took place
- D. A timestamp of when the change has taken place on the slave

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 171

Which of the following are valid LDAP client command? (Choose two.)

- A. slapcat
- B. ldappasswd
- C. ldapwhoami
- D. ldapbrowser
- E. slaptest

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 172

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. ps
- B. fuser
- C. top
- D. lsof

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 173

Which of the following tools are used to measure network I/O?

- A. route
- B. netstat
- C. iostat

D. vmstat

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 174

Which of the following resources would be measured for capacity planning? (Choose two.)

- A. CPU Usage
- B. Application load time
- C. Disk Usage
- D. Memory usage

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 175

In the following output, what resource is the program being observed using the most?

- A. Memory
- B. Network I/O
- C. CPU
- D. Disk I/O

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 176

To restrict user authentication to ONLY users who belong to a specific organizational unit, which file should be modified?

- A. /etc/pam.d/ldap
- B. pam_ldap.conf
- C. /etc/pam.d/login
- D. ldap.conf
- E. pam.conf

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 177

In capacity planning exercises, what tools assist in identifying processes of interest from other processes? (Choose two.)

- A. acpid
- B. pstree
- C. w
- D. lsof

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 178

In the following output, what does the 1 in the b column indicate?

- A. A process is blocked on I/O
- B. A process is waiting on a parent to check its exit value
- C. A process is swapped and waiting
- D. A process is waiting

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

accurate answer

QUESTION 179

Which of the following tools are used to measure disk I/O? (Select THREE correct Answers.)



<http://www.gratisexam.com/>

- A. lpstat
- B. sar
- C. iostat
- D. vmstat
- E. mpstat

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

Explanation

The primary tool to use in troubleshooting disk I/O problems is iostat. sar -d provides useful historical context. vmstat can provide information about disk saturation. For Solaris 10 systems, dtrace can provide extremely fine-grained information about I/O performance and what is causing any utilization or saturation problems. The DTrace Toolkit provides a number of ready-to-use scripts to take advantage of DTrace's capabilities. UNIX man pages vmstat () vmstat reports information about processes, memory, paging, block IO, traps, and cpu activity. The first report produced gives averages since the last reboot. Additional reports give information on a sampling period of length delay. The process and memory reports are instantaneous in either case.

UNIX man pages iostat (8)

The iostat utility displays kernel I/O statistics on terminal, device and cpu operations. The first statistics that are printed are averaged over the system uptime. To get information about the current activity, a suitable wait time should be specified, so that the subsequent sets of printed statistics will be averaged over that time.

UNIX man pages sar (1)

In the first instance, sar samples cumulative activity counters in the operating system at n intervals of t seconds, where t should be 5 or greater. If t is specified with more than one option, all headers are printed together and the output may be difficult to read. (If the sampling interval is less than 5, the activity of sar itself may affect the sample.) If the -o option is specified, it saves the samples in filename in binary format. The default value of n is 1.

UNIX man pages mpstat (1M)

mpstat reports processor statistics in tabular form. Each row of the table represents the activity of one processor. The first table summarizes all activity since boot; each subsequent table summarizes activity for the preceding interval. All values are rates (events per second) unless otherwise noted.

UNIX man pages lpstat (1)

lpstat displays status information about the current classes, jobs, and printers. When run with no arguments, lpstat will list jobs queued by the current user.

QUESTION 180

Which of the following commands is used to dump files in octal format?

- A. od
- B. octdump
- C. dumpoct
- D. cat -o

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 181

Which of the following configuration files should be modified to disable the ctrl-alt-delete key combination?

- A. /etc/keys
- B. /proc/keys
- C. /etc/inittab
- D. /proc/inittab
- E. /etc/reboot

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 182

All of the following commands will update the Modify timestamp on the file /tmp/myfile.txt EXCEPT:

- A. file /tmp/myfile.txt
- B. echo "Hello" >/tmp/myfile.txt
- C. sed -ie "s/1/2/" /tmp/myfile.txt
- D. echo -n "Hello" >/tmp/myfile.txt
- E. touch /tmp/myfile.txt

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 183

An administrator has sent their current vi process with a PID of 1423 to the background on the command line. Assuming no other processes are in the background, what single command with no options or parameters will bring the vi process to the foreground?

Correct Answer: Answer: %1,fg

Section: (none)

Explanation

Explanation/Reference:

fg is a job control command in Unix and Unix-like operating systems that resumes execution of a suspended process by bringing it to the foreground and thus redirecting its standard input and output streams to the user's terminal.

QUESTION 184

Which command will display messages from the kernel that were output during the normal bootup sequence? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /bin/dmesg,dmesg

Section: (none)

Explanation

Explanation/Reference:

QUESTION 185

What file contains kernel level logging information such as output from a network driver module when it is loaded? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /var/log/kern.log,/var/log/messages,kern.log,messages

Section: (none)

Explanation

Explanation/Reference:

QUESTION 186

What file in the /proc filesystem lists parameters passed from the bootloader to the kernel? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /proc/cmdline,cmdline

Section: (none)

Explanation

Explanation/Reference:

QUESTION 187

What command is used to display a file in octal format? (Please enter only a single command and do not enter duplicate answers in this field.)

Correct Answer: Answer: /usr/bin/hexdump,/usr/bin/od,hexdump,od

Section: (none)

Explanation

Explanation/Reference:

QUESTION 188

What option, when passed to the yum command, will update the entire system? (Specify ONLY the option name with no additional parameters).

Correct Answer: Answer: update

Section: (none)

Explanation

Explanation/Reference:

QUESTION 189

What is the name of the main configuration file for GRUB? (Please specify the file name with no path information).

Correct Answer: Answer: grub.cfg,grub.conf,menu.lst

Section: (none)

Explanation

Explanation/Reference:

QUESTION 190

An administrator has issued the following command: grub-install --root-directory=/custom-grub /dev/sda In which directory will the new menu.lst file be found? (Provide the full directory path only without the filename).

Correct Answer: Answer: /custom-grub/boot/grub,/custom-grub/boot/grub/

Section: (none)

Explanation

Explanation/Reference:

modified answer

QUESTION 191

On a default Linux system, what file system type does the dump command act upon?

- A. Ext2
- B. UFS
- C. JFS
- D. XFS
- E. ReiserFS

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 192

Your machine has two working NIC's with proper addresses. You want to split your network into two new subnets. What single command will accomplish this?

- A. ifconfig
- B. route
- C. default
- D. netstat
- E. None of the choices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 193

Which file system should never be backed up, and therefore never have to be restored?

- A. ufs
- B. usr
- C. tmp
- D. home
- E. swap

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 194

Which directory tree is ordinarily the least likely to be backup or restore?

- A. /tmp
- B. /var
- C. /proc
- D. /usr
- E. /usr

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 195

What command will verify the syntax of a hosts.allow and hosts.deny file combination?

- A. tcpdchk
- B. verify --tcp
- C. ipswitch
- D. tcpdump
- E. tcpdmatch

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 196

How can you enable onscreen (non-printing) numbers in a vi session?

- A. :set num
- B. :se nu
- C. :set -o number
- D. :set +o num
- E. None of the choices

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 197

When starting vi with the file nohup.out, which of the following will enable onscreen numbers?

- A. vi +/set num nohup.out
- B. vi +"se nu" nohup.out
- C. vi /+"set number" nohup.out
- D. vi +":set num" nohup.out
- E. echo "set numb" | vi nohup.out

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

valid answer

QUESTION 198

What command will set a regular users password to force changing it every 60 days? Choose all that apply.

- A. passwd -x 60 user1
- B. chage -M 60 user1
- C. passwd +x 60 user1
- D. useradd -e 60 user1
- E. usermod -f 60 user1

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 199

Which of the following commands will flush all print jobs on all configured queues of the system?

- A. lprm -a all
- B. lprm -all

- C. lprm -a *
- D. lpflush -all

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

lprm -a all command is used to flush all print job on all configured queues.

QUESTION 200

Your /etc/passwd file appears to have approximately 1/2 shadow passwords and 1/2 standard unix encrypted passwords. What utility would you most likely run again to fix this?

- A. pwconv
- B. passconvert
- C. useradd -conv
- D. pwhash
- E. passwd -fix

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 201

Your server has two fully functional NIC's with correct IP configuration. The server is not forwarding traffic between the NIC's. Which command string will set the cards to forward properly?

- A. setparam 1 > /proc/sys/net/ipv4/ip_autoconfig
- B. echo 1 > /proc/sys/net/ipv4/ip_forward
- C. set \$=1 /proc/sys/net/ipv4/route
- D. cat \$1 > /proc/sys/net/ethernet
- E. vi +/1 /proc/sys/net/unix/max_dgram_qlen

Correct Answer: B

Section: (none)

Explanation**Explanation/Reference:****QUESTION 202**

Which of the following are valid commands to affect your system's printing?

- A. lpq
- B. lprm
- C. lpstatus
- D. lpr
- E. lpio

Correct Answer: ABD

Section: (none)

Explanation**Explanation/Reference:**

lpr command is used to send the printing job. lpq command is used to query the printing job lprm command is used to remove the printing job

QUESTION 203

What configuration file is used for settings and conversion parameters for the ftp daemon?

- A. ftpusers
- B. ftpconvert
- C. ftpconversions
- D. in.ftpd
- E. ftpdefaults

Correct Answer: C

Section: (none)

Explanation**Explanation/Reference:****QUESTION 204**

Which two commands share the same database for retrieving information?

- A. whatis
- B. whereis
- C. apropos
- D. find
- E. man

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 205

What command will show only complete word matches for a search term?

- A. whatis
- B. apropos
- C. locate
- D. find
- E. whereis

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 206

What command will show partial word matches for a search term?

- A. apropos
- B. locate
- C. whereis
- D. whatis
- E. find

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 207

What command is the functional equivalent of the command "man -k searchterm"?

- A. apropos searchterm
- B. whatis searchterm
- C. locate searchterm
- D. find / -name searchterm
- E. None of the selections

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 208

What command is the functional equivalent of the command "man -f searchterm"?

- A. whatis searchterm
- B. apropos searchterm
- C. locate searchterm
- D. find / -name searchterm
- E. None of the selections

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 209

Where can you specify options that affect the booting of the system?

- A. /etc/lilo.conf
- B. boot= prompt
- C. linux:
- D. init 3
- E. init 5

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

To effect the system booting, you can specify the options of kernel arguments on bootloader configuration file i.e. lilo.conf or bootloader prompt.

QUESTION 210

Which commands will print two copies of the file to the default printer? Choose all that apply.

- A. cat hosts | lpr -#2
- B. lpr -K2 hosts
- C. lpr -P -count 2 hosts
- D. cat hosts > lpr ; cat hosts > lpr
- E. for 1 in 2 lpr hosts

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

lpr command is used to send the printing job. If printer is not specified then it will send printing job to default printer. To specify the printer name should use the -P option.

Example:

lpr -Pprintername -#numberofcopies filename -# or -K specify the number of copies.

QUESTION 211

On a default install of a Linux server, regardless of the distribution version, what are the easiest methods to disable telnet, but not uninstall or remove the service? Choose two.

- A. Comment telnet out of the /etc/inetd.conf file
- B. Delete the /etc/rc.d/init.d/telnet file
- C. Rename all SXXtelnet links in the /etc/rc or /etc/rc.d directories
- D. Run "chmod 554 /etc/xinetd.d/telnet"
- E. Nothing, it's not enabled by default

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 212

Which daemon or service can be configured as a non-root user?

- A. cron
- B. ntp
- C. lpr
- D. nmbd
- E. slocate

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 213

Which of the following options will speed up traceroute for distant network queries?

- A. -n
- B. -p
- C. -0
- D. -t
- E. -q

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 214

What command could you use to confirm function of a ppp connection before establishing it?

- A. minicom
- B. hyperterminal
- C. setserial
- D. modemset
- E. None of the choices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

verified answer

QUESTION 215

What file on a system contains a list of hosts that can't connect to the machine's services?

- A. /etc/hosts/denial
- B. /etc/hosts.deny
- C. /etc/host.notallow
- D. /etc/inetd.conf
- E. /etc/hosts.not

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 216

Which of the following IP address ranges are considered private, according to RFC 1918?
Choose all that apply.

- A. 10.0.0.0 - 10.255.255.255
- B. 192.168.0.0 - 192.168.255.255
- C. 172.16.0.0 - 172.31.255.255
- D. 191.168.16.0 - 192.168.31.255
- E. 172.16.0.0 - 172.16.255.255

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 217

Which protocol is used for the majority of the ping command's actions?

- A. ICMP
- B. UDP
- C. TCP
- D. NDP
- E. NCP

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 218

What modprobe option will cause inactive kernel modules to be unloaded?

- A. autoclean
- B. inactive

- C. remove
- D. timeout
- E. holdoff

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

modprobe -k or --autoclean option will cause inactive kernel modules to be unloaded.

QUESTION 219

Select all of the protocols that are supported by the Linux implementation of ppp.

- A. chap
- B. mschap
- C. pap
- D. spap
- E. eap

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 220

What command with options will cause the redirection symbol (>) to fail to overwrite the contents of an existing file?

- A. set -o noclobber
- B. set +o nooverwrite
- C. export OVERWRITE=no
- D. alias >='!>'
- E. None of the choices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 221

Where can the lilo command install the boot menu and information? Choose all that apply.

- A. Master Boot Record
- B. BIOS
- C. First Sector of a Partition
- D. BootBlk
- E. Boot Prom

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

lilo command update the MBR or first sector of boot partition, it depends on where you installed the boot loader.

QUESTION 222

Which of the following is not a valid make command during a kernel recompile?

- A. make dep
- B. make clean
- C. make xconfig
- D. make modules
- E. make gzlilo

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

We are now (finally) ready to start the actual kernel build. At the prompt type:

makebzImage Some computers won't work with 'makebzImage', either due to hardware problems or very old versions of lilo or loadlin. If your kernel image is small, you may use 'make zImage', 'make zdisk', or 'make zlilo' on the systems.

Steps to recompile the Kernel
1. cd /usr/src2. bzcat linux-2.4.17.tar.bz | tar xvf -3. cd linux

4. make config | make menuconfig | make xconfig
5. make dep
6. make clean
7. make bzImage
8. make modules (if modular kernel)
9. make modules_install (if modular kernel)
10. cp System.map /boot/System.map- 2.4.17
11. cp arch/i386/boot/bzImage /boot/vmlinuz-2.4.17
12. cp .config /boot/config- 2.4.17
13. mkinitrd /boot/initrd-<version> <kernel version> # Depending on kernel configuration
14. Update LILO or GRUB
15. Reboot into new kernel

QUESTION 223

Which parameters should appear in a valid /etc/printcap file to allow a local printer queue to point to another machine's print queue? Choose two.

- A. rm
- B. rp
- C. remoteip
- D. netprinter
- E. netip

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

rm à remote machine (hostname) (with rp) rp à remote printer name (with rm)

QUESTION 224

Which of the following commands will print the file putty on the printer hplaserj? Choose all that apply.

- A. lpr -P hplaserj -F putty
- B. lpr -Phplaserj putty
- C. lpc printer=hplaserj file=putty
- D. lpr -p hplaserj putty
- E. lpr -P hplaserj putty

Correct Answer: BE

Section: (none)

Explanation

Explanation/Reference:

lpr command is used to send the printing job. If printer is not specified then it will send printing job to default printer. To specify the printer name should use the -P option.

Example:

lpr -Pprintername -#numberofcopies filename -# or -K specify the number of copies.

QUESTION 225

Which of the following services would you be least likely to configure to be governed over by the Internet Super Server?

- A. ftp
- B. telnet
- C. ssh
- D. finger
- E. bind

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 226

What ppp option governs how long an interrupted connection will remain down before it attempts to reconnect?

- A. holddown
- B. holdoff
- C. inactive
- D. delay
- E. wait

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 227

What files affect the functioning of TCP Wrappers? Choose Two.

- A. /etc/hosts.deny
- B. /etc/nsswitch.conf

- C. /etc/security/authconfig
- D. /etc/default/clients
- E. /etc/hosts.allow

Correct Answer: AE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 228

You are not using the WINS service on your network, but need to provide NETBIOS resolution to your hosts. What is the name of the daemon that provides these services on a Linux server?

- A. nmbd
- B. dns
- C. winsd
- D. lmhosts
- E. smbd

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 229

Select from the list below the daemons that are present on a standard Linux server to support routing. Choose all that apply.

- A. gated
- B. ripd
- C. routed
- D. ospfd
- E. bgpd

Correct Answer: BCDE

Section: (none)

Explanation

Explanation/Reference:

updated answers

QUESTION 230

You are performing an onsite security inspection of division of your company. On an Apache server, you want to determine what files are needed and which can be removed from the /etc/httpd folder. Which of the following are possibly valid Apache configuration files? Choose all that apply.

- A. httpd.conf
- B. apached.conf
- C. srm.conf
- D. access.conf
- E. in.http.conf

Correct Answer: ACD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 231

In order to allow a Win95 host to resolve the name of and map network drives to your Linux server, what services should be running? Choose Two.

- A. nmbd
- B. smbd
- C. named
- D. routed
- E. winsd

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 232

What is the simplest method to connect a Win98 host to a Linux Server? Choose all that apply.

- A. Velcro
- B. Samba
- C. NFS
- D. DNS
- E. WINS

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 233

What files affect the name resolution functionality of a Linux host? Choose Three.

- A. /etc/resolv.conf
- B. /etc/hosts
- C. /etc/default/names
- D. /etc/nsswitch.conf
- E. /etc/inet/hosts

Correct Answer: ABD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 234

What is true about the root user and NFS?

- A. NFS shares don't allow root access by default
- B. NFS automatically masks out share permissions
- C. NFS automatically maps all root UID's to the local user "rootsquash"

- D. NFS ignores all users with a UID of 0 and a GID of 0
- E. NFS pays no attention whatsoever to security

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 235

Where are the default settings for the useradd command kept?

- A. /etc/default/useradd
- B. /etc/sysconfig/useradd.cfg
- C. /etc/.useradd
- D. /etc/defaults/useradd
- E. /etc/login.defs

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

useradd creates a new user account using the default values from /etc/default/useradd

QUESTION 236

What two files acting together make up the login environment for a user on a default install of Linux?

- A. /etc/profile
- B. /etc/bashrc
- C. /etc/.login
- D. ~/.bash_profile
- E. /etc/.profile

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 237

What protocol will allow you to keep accurate time on your hosts?

- A. ntp
- B. nntp
- C. ncftp
- D. inn
- E. ntime

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 238

What will the following line in the /etc/exports file do?

/data snowblower(rw) badhost (ro)

- A. Give snowblower rw access to the data share, deny badhost any access, and allow ro for all other hosts
- B. Give snowblower rw access to the data share, give badhost ro access to share and deny all others
- C. Give snowblower no access to the data share, give badhost rw access and set ro access for all others
- D. Cause a syntax error

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 239

You've just finished editing a new entry in the /etc/exports file. Which of the following will cause the changes to take effect without interrupting current connected

users or rebooting the machine? Choose all that apply.

- A. exportfs -a
- B. /etc/rc.d/init.d/nfs restart
- C. service nfs restart
- D. kill -1 HUP nfs
- E. init 1

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 240

What system file contains definitions of well known ports, their associated services and protocols?

- A. /etc/services
- B. /etc/sysconfig/network-scripts
- C. /etc/services.conf
- D. /etc/inet/hosts
- E. None of the choices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 241

What file should be edited to make the system aware of newly added library files?

- A. /etc/modules.conf
- B. /etc/conf.modules
- C. /etc/ld.so.conf
- D. /etc/ld.so.cache

E. /etc/LD_LIBRARY_PATH.conf

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

ldconfig creates the necessary links and cache to the most recent shared libraries found in the directories specified on the command line, in the file /etc/ld.so.conf, and in the trusted directories (/lib and /usr/lib). The cache is used by the run-time linker, ld.so or ld-linux.so. ldconfig checks the header and file names of the libraries it encounters when determining which versions should have their links updated.

Some files:

/lib/ld.so run-time linker/loader /etc/ld.so.conf File containing a list of colon, space, tab, newline, or comma separated directories in which to search for libraries. /etc/ld.so.cache File containing an ordered list of libraries found in the directories specified in /etc/ld.so.conf

QUESTION 242

What is the binary conversion of the IP address 192.168.1.10?

- A. 11000000.10101000.00000001.00001010
- B. 01101010.11000100.10101000.00000001
- C. 00000001.00001010.11000000.10101000
- D. 10101000.00000001.00001010.11000000
- E. None of the choices

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 243

Your investigation of a system turns up a file that contains the line below:

find /home -iname .rhosts -exec rm -f {} \; What is the purpose of this script?

- A. To enhance system security
- B. To remove all program error dumps
- C. To remove all temporary files in the user's home directories
- D. To reset the configuration for the rsh and rexec utilities

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 244

What command will convert your shadow password file to md5 compatible passwords?

- A. passconv
- B. pwconv
- C. mdconv
- D. mdsum
- E. passwd --convert

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 245

Your machine's IP address used to function, but it's only got the localhost "lo" entry now. What three client-mode commands could you possibly use to get a new DHCP address?

- A. dhcpd
- B. ipconfig
- C. dhclient
- D. pump
- E. dhcpcd

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 246

Which two services resolve Netbios names to IP addresses?

- A. WINS
- B. NetbiosSVC
- C. smbd
- D. nmbd
- E. DNS

Correct Answer: AD

Section: (none)

Explanation

Explanation/Reference:

valuable answers

QUESTION 247

Which daemon allows Linux to share it's file systems and printers with unmodified Windows clients?

- A. X Window
- B. nmbd
- C. smbd
- D. WINS
- E. NFS

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 248

What configuration files on a Linux Server can be configured to share file systems with clients?

Choose Two.

- A. /etc/nmbd
- B. /etc/smbd

- C. /etc/smb/samba.conf
- D. /etc/smb.conf
- E. /etc/samba/smb.conf

Correct Answer: DE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 249

What command is used to monitor connections to the SMB server?

- A. smbclient
- B. testparm
- C. smbstatus
- D. smbstat

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 250

Which of the following will run a file named myscript every 23 minutes past midnight every two hours?

- A. 23 0-23/2 * * * /myscript
- B. 23 */0-23 * * * /myscript
- C. 23 @2 * * * /myscript
- D. 11 2/0-23 * * * /myscript

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 251

Which backup method resets the archive bit? Select all that apply.

- A. Full
- B. Incremental
- C. Differential
- D. Copy
- E. DirTree

Correct Answer: AB

Section: (none)

Explanation

Explanation/Reference:

QUESTION 252

Which backup method will require the minimum tapes to restore?

- A. Full
- B. Incremental
- C. Differential
- D. Copy
- E. DirTree

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 253

What is the command to map a Windows user ID to a Linux user ID for use with the Samba Server?

- A. smbuser
- B. smbpasswd

- C. smbadduser
- D. useraddsmb
- E. useradd

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

This is a very old command.

The current correct answer is smbpasswd a <user> to add a user for samba.

QUESTION 254

When using the PPP daemon make a connection, what option is set to configure it to use hardware flow control?

- A. crtscts
- B. rsync
- C. nsync
- D. connect

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 255

When using pppd which authentication protocol is the most secure?

- A. clear text
- B. PAP
- C. CHAP
- D. LAP

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

PAP sends all information as clear text. CHAP sends all information as encrypted text.

QUESTION 256

Your DNS server needs to be configured for speed and security. Choose the best answer.



<http://www.gratisexam.com/>

- A. Disable inetd, run named standalone, only allow tcp on ports 25 and 53
- B. Disable inetd, run named standalone, only allow tcp on ports 25 and 110
- C. Enable inetd, run named as an inetd service, only allow tcp on ports 25 and
- D. Disable inetd, run named as a standalone on the apache server.

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 257

Shares can be configured for export via the NFS service by editing what file?

- A. /etc/exports
- B. /etc/export
- C. /etc/exportfs
- D. /etc/nfs/exports

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 258

A file exists on a server, but has no content. Users cannot submit jobs to an attached printer. Choose the correct file that must be edited to fix this problem.

- A. /etc/hosts
- B. /etc/hosts.allow
- C. /etc/host.deny
- D. /etc/hosts.lpd
- E. /var/spool/hosts.lpd

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

The /etc/hosts.lpd file defines which remote systems are permitted to print on the local system.

Only that hosts specified in /etc/hosts.lpd can send the printing job. To solve that problem administrator should add the host name on that file.

QUESTION 259

What does "make bzImage" do as opposed to "make zImage"?

- A. makes a bz encrypted kernel
- B. makes a kernel with a better compression ratio
- C. makes a kernel with built in gzip application
- D. nothing

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

As the Kbuild documentation states:

Some computers won't work with make bzImage either due to hardware problem sorvery old version so fliloor load lin.If your kernel image is small you may use makezImage"makezdisk"or "makezlilo" on the sesystems.

QUESTION 260

In the following output, which is representative of the host performing gateway functions?

Destination	Gateway	Genmask	Flags	Metric	Ref	Use	Iface
10.3.3.0	192.168.1.1	255.255.255.255	UGH	0	0	0	eth0
192.168.1.0	*	255.255.255.0	U	0	0	0	eth0
192.168.77.0	*	255.255.255.0	U	0	0	0	vmnet1
127.0.0.0	*	255.0.0.0	U	0	0	0	lo
default	192.168.1.1	0.0.0.0	UG	0	0	0	eth0

- A. The default gateway is on 192.168.77.0 network
- B. The current host is the also the default gateway
- C. Its eth0 interface is incorrectly configured
- D. The 192.168.1.1 is the default gateway

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

We see that for net 10.3.30 192.168.1. is the gateway and for default too and goes through eth0.

But there is no ifconfig etc. So the answer` 192.168.1.1 is the default gateway` would be the most accurate.

QUESTION 261

Select the files that are associated with TCP Wrappers. Choose all that apply.

- A. /etc/hosts
- B. /etc/hosts.allow
- C. /etc/hosts.deny
- D. /etc/allow.hosts
- E. /etc/allow.deny

Correct Answer: BC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 262

Which file is responsible for configuring the inet daemon?

- A. /etc/inetd.conf
- B. /etc/xinetd.conf
- C. /etc/tcpd.conf
- D. /etc/inet.conf

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 263

Which option in the /etc/fstab file causes all users IDs to be mapped to the system's anonymous ID when mounting a NFS mounted file system?

- A. no-root-squash
- B. all-squash
- C. all-id-squash
- D. root-squash

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 264

Which fstab option governs that all root ID are mapped to anonymous ID when mounting a NFS mounted file system?

- A. no-root-squash
- B. root-squash
- C. all-squash
- D. squash-root

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 265

What command would load the module msdos.o and all its dependancies?

- A. modinfo -a msdos
- B. lsmod -a msdos
- C. modprobe msdos
- D. insmod -d msdos

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Modprobe command is used to load or unload the modules as well as it's dependencies from the kernel. To Load the module:

modprobe modulename

To unload the module modprobe -r modulename

QUESTION 266

While editing a file in vi, an administrator realizes that the wrong file is being changed. Which of the following vi command sequences will allow the administrator to quit without saving any changes?

- A. :Q!
- B. :q!
- C. :w!
- D. :wq!

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 267

To allow a regular user account to mount and unmount a filesystem (for instance, a cdrom or floppy), which of the following options will need to be added to the corresponding line in /etc/fstab?

- A. nouidchk
- B. alluser
- C. user
- D. auto

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 268

Which of the following commands will print a list of usernames (first column) and their corresponding user id (uid, third column) from /etc/passwd?

- A. cut -d: -f1,3 /etc/passwd
- B. chop -c 1,3 /etc/passwd
- C. tac 1-3 /etc/passwd
- D. fmt -u /etc/passwd

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

important answer

QUESTION 269

Which of the following would be accomplished if the below line is run as root? chown -R bert /home/bert/*

- A. Nothing, this command is invalid.
- B. It would revoke bert's ownership from the home directory to root.
- C. It would change user ownership of all files in /home/bert to bert.

- D. It would set the group ownership of the directory /home/bert to bert.
- E. It would set ownership of all files and subdirectories in /home/bert to bert.

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

QUESTION 270

In GRUB's configuration file an administrator finds the following line: root (hd1,4) Which of the following is the corresponding device name on a Linux system?

- A. /dev/hda4
- B. /dev/hda5
- C. /dev/hdb4
- D. /dev/hdb5

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 271

An administrator wants to preview where the package file, apache.xml.i386.rpm, will install its files before installing it. Which of the following commands should the administrator issue?

- A. rpm -qp apache.xml.i386.rpm
- B. rpm -qv apache.xml.i386.rpm
- C. rpm -ql apache.xml.i386.rpm
- D. rpm -qpl apache.xml.i386.rpm

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 272

In order to append the output of ls to a file called bazz, which of the following command lines would an administrator use?

- A. ls > bazz
- B. ls >& bazz
- C. ls &> bazz
- D. ls >> bazz

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 273

To prevent users from being able to fill up the / partition, the _____ directory should be on a separate partition if possible because it is world writeable.

Correct Answer: Answer: /tmp,tmp

Section: (none)

Explanation

Explanation/Reference:

QUESTION 274

The priority of any process can range from -20 to _____. (Provide only the numerical value).

Correct Answer: Answer: +19,19

Section: (none)

Explanation

Explanation/Reference:

QUESTION 275

_____/dev/sda3 will create a swap area on the device /dev/sda3.

Correct Answer: Answer: /sbin/mkswap,mkswap

Section: (none)

Explanation

Explanation/Reference:

QUESTION 276

What option, when passed to the yum command, will update the entire system? (Specify ONLY the option name with no additional parameters).

Correct Answer: Answer: update

Section: (none)

Explanation

Explanation/Reference:

QUESTION 277

What command will print the shared libraries for the file /usr/lib/libpng12.so? (Provide the full command with library name but without any other options or parameters).

Correct Answer: Answer: /usr/bin/ldd/usr/lib/libpng12.so,ldd/usr/lib/libpng12.so

Section: (none)

Explanation

Explanation/Reference:

QUESTION 278

What umask value will result in the default access permissions of 600 (rw-----) for files and 700 (rwx-----) for directories? (Provide only the numerical umask value).

Correct Answer: Answer: 0077,077

Section: (none)

Explanation

Explanation/Reference:

QUESTION 279

An administrator is formatting a single hard disk for a Linux install. What is the maximum number of primary partitions that can be created?

Correct Answer: Answer: 4,four

Section: (none)

Explanation

Explanation/Reference:

QUESTION 280

Which program finds only files that are in an administrator's PATH?

Correct Answer: Answer: /usr/bin/which,which

Section: (none)

Explanation

Explanation/Reference:

valid answer

QUESTION 281

Which command will disable paging and swapping on a device? (Provide only the command with no additional options or parameters).

Correct Answer: Answer: /sbin/swapoff,swapoff

Section: (none)

Explanation

Explanation/Reference:

QUESTION 282

Which attributes must be present when assigning the object class sambasamaccounts to a particular user? (Choose two.)

- A. sambaLMPassword
- B. sambasid
- C. SambaNTPassword
- D. uid
- E. displayname

Correct Answer: BD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 283

What operating system tools can be used to collect capacity planning data? (Choose two.)

- A. netstat
- B. tar
- C. sar
- D. route

Correct Answer: AC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 284

Which of the following resources would be measured for capacity planning? (Choose two.)

- A. Video driver performance
- B. System boot time
- C. Network I/O
- D. Disk I/O

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

accurate answers

QUESTION 285

Which of the following correctly describes the method to add samba users to the LDAP directory?

- A. Create an LDIF file containing all required information, then use ldapmodd to add the samba related information to an existing posixaccount entry
- B. Use the smbpasswd -a command to add the samba user from the command line. This will add all required information to the LDAP directory

- C. First make sure that a POSIXAccount entry exists in the Directory for the user you want to add, then use smbpasswd -a to add the samba user from the command line
- D. Create an LDIF file containing all required information, then use ldapadd to add the information to the LDAP directory

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 286

Which ONE of the following parameters is used in the database on a slave server to direct clients that want to make changes to the LDAP database to the master server?

- A. updateuri
- B. updateserver
- C. updateref
- D. updated

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 287

Which are common procedures to implement samba with LDAP? (Choose two.)

- A. Compile OpenLDAP with support to samba authentication
- B. Include OpenLDAP core schema files into samba configuration directory
- C. Configure Samba password backend to point to OpenLDAP server
- D. Include the samba schema into OpenLDAP

Correct Answer: CD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 288

Which of the following ACL lines allows access to all hosts that have an IP Address that starts with 192.168.1?

- A. by ipaddress=192.168.1.
- B. by peername=192.168.1.*
- C. by peername=192.168.1
- D. by ipaddress=192.168.1.*

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 289

When performing a capacity planning exercise, when would taking measurements be most appropriate?

- A. During successful operation
- B. After an overload or an episode
- C. During an overload or an episode
- D. After replacing problematic hardware

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 290

The _____ Perl module gives the programmer the ability to work with LDIF files in perl. (Specify the module in Perl's Module)

Correct Answer: Answer: NETLDAPDIF

Section: (none)

Explanation

Explanation/Reference:

QUESTION 291

Which port number should be used to test LDAP Security Sockets Layer (SSL) traffic?

Correct Answer: Answer: 636

Section: (none)

Explanation

Explanation/Reference:

QUESTION 292

Which slapd.conf directive defines the level of logging slapd will perform?

Correct Answer: Answer: LOGLEVEL

Section: (none)

Explanation

Explanation/Reference:

valid answer

QUESTION 293

Which slapd database tool is used to add information to the directory while it is offline?
(Enter the command with no path, options or parameters)

Correct Answer: Answer: SLAPADD

Section: (none)

Explanation

Explanation/Reference:

QUESTION 294

In an LDAP slave's slapd.conf configuration file, which parameter must match the binddn parameter of the master server?

Correct Answer: Answer: UPDATEDN

Section: (none)

Explanation

Explanation/Reference:

QUESTION 295

After configuring a Unix workstation for LDAP authentication, you type the command 'id joe' and discover that the user's UID/GID information is still being retrieved from local password files. Which file did you most likely forget to update?

Correct Answer: Answer: /etc/nsswitch.conf

Section: (none)

Explanation

Explanation/Reference:

QUESTION 296

The _____ command is used to check the integrity of the slapd.conf file (Enter only the command)

Correct Answer: Answer: SLAPTEST

Section: (none)

Explanation

Explanation/Reference:

QUESTION 297

An administrator is planning a partition scheme for a new Linux installation. Which of the following directories should the administrator consider for separate partitions? (Select THREE).

- A. /etc
- B. /home
- C. /var
- D. /lib
- E. /tmp

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 298

When performing a capacity planning exercise, when would taking measurements be most appropriate?

- A. After an overload or an episode
- B. After replacing problematic hardware
- C. During successful operation
- D. During an overload or an episode

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 299

Which of the following tools are used to measure memory usage? (Choose three.)

- A. vmstat
- B. sar
- C. top
- D. pstree
- E. mpstat

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

valid answers

QUESTION 300

When configuring a UNIX client to authenticate against a Microsoft Active Directory server, the top-level entry in the domain is dc=ad,dc=example,dc=com. What is the default DN of the container where users and groups are stored?

- A. CN=USERS,DC=DA,DC=EXAMPLE,DC=COM
- B. CN=EXAMPLE,DC=AD,DC=USERS,DC=COM

- C. CN=USERS,DC=AD,DC=EXAMPLE,DC=COM
- D. CN=USERS,DC=AD,DC=EXAMPLE,DC=ORG

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 301

What settings may a user enter when configuring Microsoft Outlook to connect to an LDAP white pages services? (Choose three.)

- A. Alias dereferencing options
- B. SASL configuration
- C. Search base
- D. Maximum number of entries to return on a successful search
- E. Search timeout

Correct Answer: CDE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 302

.When assigned to the ref attribute for ou=people,dc=example,dc=com, which of the following values will create a subordinate knowledge link to slave.example.com?

- A. ldap//slave.example.com?ou=people,dc=example,dc=com
- B. ldap//slave.example.com/ou=people,dc=example,dc=com
- C. ldap//slave.example.com,ou=people,dc=example,dc=com
- D. ldap//slave.example.com ou=people,dc=example,dc=com

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

QUESTION 303

Which statements are true of object classes in an LDAP directory? (Choose two.)

- A. An entry can't have more than one auxiliary object class
- B. Auxiliary object classes - When used on their own - provide access to extended schema
- C. An entry can't have more than one structural object class
- D. Abstract object classes are no longer officially support by the LDAP protocol
- E. Once an entry has been created, its structural object class can't be changed without re-creating the entry

Correct Answer: CE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 304

What is the goal of capacity planning? (Choose three.)

- A. Sizing computers for a specified load
- B. Ensuring sufficient resources for growth
- C. Diagnosing capacity problems
- D. Troubleshooting a software problem
- E. Selecting a computer vendor

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 305

Which of the following statements about the ldapsearch command are true? (Choose three.)

- A. The -b option specifies the database where the LDIF file will be included

- B. It is possible to configure a specific LDAP server for the search with the -h option
- C. The -L option is useful when for viewing details of LDIF files
- D. The -Z option requires a successful StartTLS operation in order to continue
- E. With the -x option, the simple bind authentication method will be used

Correct Answer: BCE

Section: (none)

Explanation

Explanation/Reference:

QUESTION 306

An administrator is adding several LDIF files to the directory with slapadd and the new entries are not displayed when ldapsearch is used. Assuming that there is no database corruption, what is the most appropriate solution to the problem?

- A. Run ldaprefresh_all
- B. Run slaprefresh_all
- C. Stop the slapd process, run slapindex and then correct the entries using slap_vacuum
- D. Stop the slapd process and add the files again with slapadd

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

QUESTION 307

Which of the following steps should be followed when configuring a slave slapd server? (Choose three.)

- A. Do not add a replica directive to slapd.conf
- B. Do not add a relogfile directive to slapd.conf
- C. Add an updatedn directive to slapd.conf
- D. Add a replica directive to slapd.conf
- E. Add a relogfile directive to slapd.cnf

Correct Answer: ABC

Section: (none)

Explanation

Explanation/Reference:

QUESTION 308

Given the following output: prompt> myapp [1]+ Stopped myapp prompt> Which of the following commands will resume executing the stopped process while allowing the user to continue to type commands at the command prompt?

- A. bg myapp
- B. continue myapp
- C. exec myapp
- D. fg myapp
- E. myapp &

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

QUESTION 309

Which of the following utilities would an administrator use to change how often a filesystem check was performed over an EXT2 filesystem (without losing any data stored on that filesystem)?

- A. mod2fs
- B. fsck
- C. tune2fs
- D. mke2fs
- E. fixe2fs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

QUESTION 310

Which of the following is the proper device for the third partition, on the second hard disk, on the first IDE controller, on a PC system?

- A. /dev/hdb3
- B. /dev/hd1b3
- C. /dev/hdc1b3
- D. /dev/hdc1d2p3

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:



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