



Exam : 117-301

Title : Core

Ver : 02-25-2009

QUESTION 1:

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

Answer: B,C

QUESTION 2:

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

Answer: C

QUESTION 3:

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

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

Answer: A

QUESTION 4:

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

Answer: B,D

QUESTION 5:

What type of object class is sambaSamAccount?

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

Answer: A

QUESTION 6:

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

Answer: A,D

QUESTION 7:

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

Answer: C

QUESTION 8:

CORRECT TEXT

Which configuration directive must be used in the example below to setup replication to a slave server?

```
Uri=ldaps://slave.example.com:636  
binddn="cn=Replicator,dc=example,dc=com"  
bindmethod=simple credentials=secret
```

Answer: REPLICA

QUESTION 9:

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

Answer: B

QUESTION 10:

CORRECT TEXT

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

Answer: OBJECTCLASS

QUESTION 11:

CORRECT TEXT

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

Answer: START_TLS

QUESTION 12:

CORRECT TEXT

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

Answer: NEVER

QUESTION 13:

When working with NIS netgroups in LDAP, which attributes may be specified with the nisNetgroup object class to store information about the netgroup? (Choose TWO correct answers)

- A. memberNisNetgroup
- B. memberUid
- C. nisNetgroupName
- D. nisMapEntry
- E. nisNetgroupTriple

Answer:

QUESTION 14:

CORRECT TEXT

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)

Answer: INDEXOBJECTLASSEQ

QUESTION 15:

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

Answer: B,D

QUESTION 16:

Which of the following is the most appropriate method of debugging problems concerning ACLS?

- A. Stop the OpenLDAP server daemon and run the command slapd -debug_acl
- B. Stop the OpenLDAP server daemon and run the command slapd -d 32
- C. Stop the OpenLDAP server daemon and run the command slapd -log_acl
- D. Stop the OpenLDAP server daemon and run the command slapd -d 128

Answer: D

QUESTION 17:

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

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

Answer: A,C

QUESTION 18:

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

Answer: C,D

QUESTION 19:

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

Answer: C

QUESTION 20:

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. updatedn

Answer: C

QUESTION 21:

When troubleshooting capacity problems, 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.

Answer:

QUESTION 22:

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

- A. Compile OpneLDAP 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

Answer: C,D

QUESTION 23:

CORRECT TEXT

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)

Answer: PAM_FILTER

QUESTION 24:

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.*

Answer: B

QUESTION 25:

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

Answer: A

QUESTION 26:

CORRECT TEXT

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

Answer: SLURPD

Answer: SLURP

QUESTION 27:

CORRECT TEXT

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

Answer: --WITH-TLS

Answer: WITH-TLS

QUESTION 28:

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

Answer: D

QUESTION 29:

CORRECT TEXT

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

Answer: MODRDN

QUESTION 30:

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

Answer: D

QUESTION 31:

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

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

Answer: B,C

QUESTION 32:

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

- A. ps

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

Answer: A,C

QUESTION 33:

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

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		

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

Answer: B

QUESTION 34:

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

Answer: A,D

QUESTION 35:

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

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		

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

Answer: A

QUESTION 36:

CORRECT TEXT

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?

Answer: ALLOWBIND_V2

QUESTION 37:

. 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

Answer: D

QUESTION 38:

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

Answer: B,D

QUESTION 39:

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

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		

- 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

Answer: A

QUESTION 40:

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

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

Answer: B,C,E

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 41:

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

Answer: B,C,E

QUESTION 42:

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_vaccum
- D. Stop the slapd process and add the files again with slapadd

Answer: D

QUESTION 43:

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

Answer: A,B,C

QUESTION 44:

CORRECT TEXT

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

Answer: NET::LDAP::LDIF

QUESTION 45:

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

Answer: B

QUESTION 46:

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

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	

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

Answer: A

QUESTION 47:

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

Answer: D

QUESTION 48:

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

Answer: C

QUESTION 49:

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

Answer: C

QUESTION 50:

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

Answer: A,D

QUESTION 51:

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

Answer: B,C,E

QUESTION 52:

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

Answer: A

QUESTION 53:

CORRECT TEXT

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

Answer: 636

QUESTION 54:

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

Answer: B

QUESTION 55:

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))

Answer: C

QUESTION 56:

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

Answer: E

QUESTION 57:

In which section of slapd.conf is an overlay defined?

- A. TLS Options
- B. General Backend Options
- C. General Database Options
- D. Global Configuration Options

Answer:

QUESTION 58:

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

Answer: D

QUESTION 59:

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

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

Answer: A,D

QUESTION 60:

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

Answer: A

QUESTION 61:

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

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

Answer: B

QUESTION 62:

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*)"

Answer: D

QUESTION 63:

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

Answer: B

QUESTION 64:

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

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

Answer: B,D

QUESTION 65:

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

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

Answer: A,C

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 syncprov-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 syncprov-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. syncprov-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).
syncprov-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.

syncprov-nopresent TRUE | FALSE

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

syncprov-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.

syncprov-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 66:

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.)

- 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

Answer: A,B,C

QUESTION 67:

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

Answer: C

QUESTION 68:

CORRECT TEXT

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

Answer: LOGLEVEL

QUESTION 69:

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

Answer: A,C,E

QUESTION 70:

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

Answer: C

QUESTION 71:

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

Answer: C

QUESTION 72:

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

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

Answer: B,C,E

QUESTION 73:

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

Answer: B,D

QUESTION 74:

CORRECT TEXT

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)

Answer: SLAPADD

QUESTION 75:

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

Answer: A,B,E

QUESTION 76:

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

Answer: A

QUESTION 77:

CORRECT TEXT

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

Answer: UPDATEDN

QUESTION 78:

Which technique could be used in analysing capacity planning data?

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

Answer: B,D

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)

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QUESTION 79:

CORRECT TEXT

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?

Answer: /etc/nsswitch.conf

Answer: /nsswitch.conf

QUESTION 80:

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

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

Answer: C,E

QUESTION 81:

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

Answer: B

QUESTION 82:

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

Answer: D

QUESTION 83:

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

Answer: C

QUESTION 84:

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

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

Answer: A,B,C

QUESTION 85:

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

Answer: C

QUESTION 86:

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

Answer: C,D,E

QUESTION 87:

.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

Answer: B

QUESTION 88:

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

Answer: C,E

QUESTION 89:

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

Answer: A,B,C

QUESTION 90:

Select the INFCORRECT 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

Answer: B

QUESTION 91:

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

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

Answer: B,D,E

QUESTION 92:

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

Answer: A

QUESTION 93:

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

- A. -C

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

Answer: A

QUESTION 94:

An administrator has manually migrated local accounts to LDAP, instead of using the migration tools. When trying to authenticate as a user, an 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 `slappasswd` 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`

Answer: A

QUESTION 95:

CORRECT TEXT

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

Answer: SLAPTEST

QUESTION 96:

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

Answer: A

QUESTION 97:

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

Answer: C

QUESTION 98:

CORRECT TEXT

The _____ command should be used to backup your LDAP data while slapd is NOT running.

Answer: SLAPCAT

QUESTION 99:

CORRECT TEXT

The _____ command is used to determine the NIS server to which your computer is currently bound.

Answer: YPWHICH

QUESTION 100:

CORRECT TEXT

The _____ command, included with OpenLDAP, will generate password hashes suitable for use in slapd.conf. (Enter the command with no options or parameters)

Answer: SLAPPASSWD

QUESTION 101:

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)

Answer: D

QUESTION 102:

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

Answer: D

QUESTION 103:

CORRECT TEXT

The _____ object class is used to points to a host that holds a subtree in a distributed directory model. (Enter the answer)

Answer: REFERRAL

QUESTION 104:

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

Answer: D

QUESTION 105:

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

Answer: C

QUESTION 106:

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

Answer: C

QUESTION 107:

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

Answer: B,D

QUESTION 108:

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

Answer: C,D

QUESTION 109:

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

Answer: A

QUESTION 110:

CORRECT TEXT

The _____ command is used to check the integrity of the slapd.conf file (Enter only the command without options, parameters.)

Answer: SLAPTEST

QUESTION 111:

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

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

Answer: C,D

QUESTION 112:

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

Answer: D