

➤ **Vendor: LPI**

➤ **Exam Code: 117-300**

➤ **Exam Name: LPIC-3 Exam 300: Mixed Environments**

➤ **Question 171 -- End**

[Visit PassLeader and Download Full Version 117-300 Exam Dumps](#)

QUESTION 171

What settings may a user enter when configuring Microsoft Outlook to connect to an LDAP white pages service? (Select THREE correct answers.)

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

Answer: ACD

QUESTION 172

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: A

QUESTION 173

Which statements are true of object classes in an LDAP directory? (Select TWO correct answers.)

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

Answer: CD

QUESTION 174

What is the goal of capacity planning? (Select THREE correct answers.)

- 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: ABC

QUESTION 175

Select the INCORRECT statement regarding the LDIF file format:

- A. 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.
- B. In the file, a blank line separates one entry from another one.
- C. If the attribute contains binary data, some specific configurations must be made for this entry.
- D. The LDIF file accepts any type of file encoding.

Answer: D

QUESTION 176

Which of the following tools are used to measure memory usage? (Select THREE correct answers.)

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

Answer: BDE

QUESTION 177

A private OID should be obtained for a company when:

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

Answer: D

QUESTION 178

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

- A. -r
- B. -C

- C. -S
- D. -R

Answer: B

QUESTION 179

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

Answer: A

QUESTION 180

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

Answer: SLAPTEST

QUESTION 181

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 182

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

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 183

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

Answer: SLAPCAT

QUESTION 184

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

Answer: YPWHICH

QUESTION 185

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 186

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

- A. resident set size (RSS)
- B. total memory
- C. virtual memory size (VSZ)
- D. swap memory usage

Answer: A

QUESTION 187

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

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

Answer: C

QUESTION 188

The ____ object class is used to points to a host that holds a subtree in a distributed directory model.

Answer: REFERRAL

QUESTION 189

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

- A. cat /etc/passwd
- B. show users

- C. ypusers list
- D. getent passwd
- E. cat /var/lib/nis/passwd

Answer: D

QUESTION 190

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

Answer: B

QUESTION 191

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 192

In capacity planning exercises, what tools assist in identifying processes of interest from other processes? (Select TWO correct answers.)

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

Answer: BD

QUESTION 193

Which of the following resources would be measured for capacity planning? (Select TWO correct answers.)

- A. CPU usage
- B. disk usage
- C. application load time
- D. memory usage

Answer: AD

QUESTION 194

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

Answer: B

QUESTION 195

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

Answer: SLAPTEST

QUESTION 196

What operating system tools can be used to collect capacity planning data? (Select TWO correct answers.)

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

Answer: CD

QUESTION 197

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

QUESTION 198

When planning a web server which of the following choices will impact system sizing? (Select THREE correct 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.

Answer: ACD

QUESTION 199

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

LDAP entry?

Answer: MODRDN

QUESTION 200

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 201

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

Answer: A

QUESTION 202

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

```
[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

Answer: D

QUESTION 203

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? (Select 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

Answer: BD

QUESTION 204

In this example output, which descriptions match the purpose of the free, buff and cache columns? (Select 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

Answer: ABC

QUESTION 205

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

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

Answer: BCE

QUESTION 206

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

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

D. ldaptest

Answer: A

QUESTION 208

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

Answer: C

QUESTION 209

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

Answer: A

QUESTION 210

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

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

Answer: B

QUESTION 211

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

Answer: OBJECTCLASS

QUESTION 212

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

Answer: START_TLS

QUESTION 213

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

Answer: NEVER

QUESTION 214

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

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

Answer: AE

QUESTION 215

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 216

Which attributes must be present when assigning the object class sambaSamAccount to a particular user? (Select TWO correct answers.)

- A. displayName
- B. sambaSID
- C. uid
- D. sambaLMPassword
- E. sambaNTPassword

Answer: BC

QUESTION 217

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 -d 128`.
- 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 -debug_acl`.

Answer: A

QUESTION 218

What operating system tools can be used to collect capacity planning data? (Select TWO correct answers.)

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

Answer: AC

QUESTION 219

Which of the following resources would be measured for capacity planning? (Select TWO correct answers.)

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

Answer: CD

QUESTION 220

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

- A. 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.
- 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. Create an LDIF file containing all required information, then use ldapadd to add the information to the LDAP directory.
- D. Create an LDIF file containing all required information, then use ldapmodd to add the Samba related information to an existing posixAccount entry.

Answer: A

QUESTION 221

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

Answer: C

QUESTION 222

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:

[Visit PassLeader and Download Full Version 117-300 Exam Dumps](#)