

Exam : LPI 117-301

Title : LPI 301 Core Exam

Version : Demo

1. The following is an excerpt from a replication error log:

```
ERROR: No such attribute
replica: slave.example.com:389
time: 809618633
dn: uid=bjensen,dc=example,dc=com
changetype: modify
replace: description
description: A dreamer...
replace: modifiersName
modifiersName: uid=bjensen,dc=example,dc=com
replace: modifyTimestamp
modifyTimestamp: 20000805073308Z
```

What is the name of this file? (Enter only the file name and no path information.)

Answer: replog.slave.example.com:389.rej slave.example.com:389.rej

2. 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. Add the correct indexes in slapd.conf, stop the server and run slapindex.
- B. Refine the search filter.
- C. Use the binarytreesearch option with Idapsearch.
- D. Use the fuzzy option with Idapsearch.

Answer: A

3. 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

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

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

Answer: A

5. 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

6. Which of the following describes correct LDAP service definitions? (Choose THREE correct answers.)

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

Answer: ACE

7. 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

8. 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

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

A. ldap.conf

B. pam_ldap.conf

C. pam.conf

D. /etc/pam.d/login

E. /etc/pam.d/ldap

Answer: A

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

A. friendlyPerson

B. organizationalRole

C. posixAccount

D. inetOrgPerson

E. whitepageUser

Answer: D

11. The following excerpt is from a Perl script that reads from an LDAP database and writes an LDIF file:

```
$ldap = Net::LDAP>new( 'ldap.server.com' );
```

```
$mesg = $ldap>bind( 'cn=incadmin,o=inc', password => 'secret' );
```

[YOUR ANSWER GOES HERE]

```
Net::LDAP::LDIF>new( \*STDOUT,"w" )>write( $mesg>entries );
```

```
$mesg = $ldap>unbind;
```

Which code snippet contains the correct query?

A. `$mesg = $ldap>search(`

```
    base => 'o=inc',
```

```
);
```

B. `$mesg = $ldap>search(`

```
    base    => 'cn=incadmin,o=inc',
```

```
    scope  => 'one',
```

```
    filter => '(objectclass=*)'
```

```
);
```

C. `$mesg = $ldap>search(`

```
    base    => 'o=inc',
```

```
    scope  => 'sub',
```

```
    filter => '(objectclass=*)'
```

```
);
```

D. `$mesg = $ldap>search(`

```
    base      => 'o=inc',
```

```
    recursive => 'yes',
```

```
    filter    => '(*)'
```

```
);
```

Answer: C

12. Which of the following are common Net::LDAP methods? (Choose THREE correct answers.)

A. bind

B. query

C. error

D. search

E. unbind

Answer: ADE

13. 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: B

14. Which of the following are valid LDAP client commands? (Choose TWO correct answers.)

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

Answer: AD

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

Answer: slaptest

16. Which command should be used to optimize LDAP searches?

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

Answer: C

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

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

Answer: C

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

Answer: slurpd slurp

19. Which of the following steps should be followed when configuring a slave slapd server? (Choose THREE correct answers.)

- A. 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 relogfile directive to slapd.conf.
- E. Do not add a replica directive to slapd.conf.

Answer: BCE

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

- A. disallow bind_anon
- B. disallow bind_anon_cred
- C. disallow bind_simple_unprotected
- D. disallow bind_simple

Answer: A