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117-300

LPI Level 3 Exam 300, Senior Level Linux
Certification, Mixed Environment

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QUESTION NO: 1

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

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

Answer: C

Explanation:

QUESTION NO: 2

It is found that changes made to an OpenLDAP directory are no longer being replicated to the slave server at 192.168.0.3. Tests prove that the slave server is listening on the correct port and changes are being recorded properly to the replication log file. In which file would you find the replication errors?

- A. replication.err
- B. replication.rej
- C. 192.168.0.3:389.rej
- D. 192.168.0.3:389.err

Answer: C

Explanation:

QUESTION NO: 3 CORRECT TEXT

In an OpenLDAP masters's slapd.conf configuration file, a replica configuration option is needed to enable a slave OpenLDAP server to replicate. What value is required in the following setting: bindmethod=_____ if using passwords for master/slave authentication? (Only specify the missing value)

Answer: simple

QUESTION NO: 4

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

Answer: C

Explanation:

QUESTION NO: 5 CORRECT TEXT

Below is an ACL entry from a slapd.conf file. Fill in the access control level setting to prevent users from retrieving passwords.

```
access to attrs=lmPassword,ntPassword by dn="cn=smbadmin,dc=samplenet" write by *  
_____
```

Answer: none

QUESTION NO: 6

When configuring OpenLDAP 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. never
- B. allow
- C. try
- D. demand

Answer: D

Explanation:

QUESTION NO: 7

Which of the following procedures will test the TLS configuration of an OpenLDAP server?

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

Answer: A

Explanation:

QUESTION NO: 8 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 NO: 9

In `slapd.conf`, what keyword will instruct slapd to not ask the client for a certificate.

`TLSTLSVerifyClient` = _____

- A.** never
- B.** nocert
- C.** none
- D.** unverified

Answer: A

Explanation: