

**LPI 117-301**

**Core Exam**

**Version: 4.0**

**QUESTION NO: 1**

Exhibit

procs			memory						swap		io				system		cpu	
r	b	w	swpd	free	buff	cache	si	so	hi	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. lsmdu
- B. vmstat
- C. iostat
- D. fuser

**Answer: B,C**

**Explanation:**

**QUESTION NO: 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**

**Explanation:**

**QUESTION NO: 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**

**Explanation:**

#### QUESTION NO: 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**

**Explanation:**

#### QUESTION NO: 5

What type of object class is sambaSamAccount?

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

**Answer: A**

**Explanation:**

#### QUESTION NO: 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**

**Explanation:**

### QUESTION NO: 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**

**Explanation:**

### QUESTION NO: 8 CORRECT TEXT

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

```
Uri=ldaps//slave.example.com636
```

```
binddn="cn=Replicator,dc=example,dc=com"
```

```
bindmethod=simple credentials=secret
```

Answer: REPLICA

### QUESTION NO: 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**

**Explanation:**

**QUESTION NO: 10 CORRECT TEXT**

All entries in an LDAP directory must have the \_\_\_\_\_ attribute.

Answer: OBJECTCLASS

**QUESTION NO: 11 CORRECT TEXT**

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).

Answer: START\_TLS

**QUESTION NO: 12 CORRECT TEXT**

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

Answer: NEVER

**QUESTION NO: 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 answer)

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

**Answer: A,E**

**Explanation:**

**QUESTION NO: 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 NO: 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

Explanation:

**QUESTION NO: 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

Explanation:

**QUESTION NO: 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**

**Explanation:**

#### QUESTION NO: 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**

**Explanation:**

#### QUESTION NO: 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**

**Explanation:**

#### QUESTION NO: 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. updated

**Answer: C**

**Explanation:**

#### QUESTION NO: 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: C**

**Explanation:**

#### QUESTION NO: 22

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

**Answer: C,D**

**Explanation:**

#### QUESTION NO: 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 NO: 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

Explanation:

#### QUESTION NO: 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

Explanation:

#### QUESTION NO: 26 CORRECT TEXT

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

Answer: SLURPD