

➤ **Vendor: LPI**

➤ **Exam Code: 117-300**

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

➤ **Question 1 -- Question 50**

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**QUESTION 1**

In slapd.conf, what keyword will instruct slapd to not ask the client for a certificate. TLSVerifyClient = \_\_\_\_

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

**Answer: A**

**QUESTION 2**

Which option for the pam\_ldap module specifies a file from which the module's global settings can be read?

- A. default
- B. global
- C. config
- D. include

**Answer: C**

**QUESTION 3**

When configuring an OpenLDAP server to act as a proxy to a Microsoft Active Directory server, what is the correct database type for this stanza of the slapd.conf file?

```
database ____
suffix "cn=users,dc=testcorp,dc=com"
subordinate
rebind-as-user
uri "ldap://dc1.testcorp.com/"
chase-referrals yes
```

**Answer: LDAP**

**QUESTION 4**

Which file stores the global Kerberos configuration needed for OpenLDAP integration with Active Directory and Kerberos? (Specify only the file name without any path.)

**Answer:** krb5.conf

**QUESTION 5**

Which port in TCP/IP communication is used for Kerberos v5?

- A. 888
- B. 86
- C. 88
- D. 90

**Answer:** C

**QUESTION 6**

What are benefits of using Single Sign-On (SSO)? (Select THREE correct answers.)

- A. Reduce IT costs due to lower number of IT help desk calls about passwords.
- B. Reduce time spent re-entering passwords for the same identity.
- C. Reduce number of passwords to remember.
- D. Reduce password complexity.
- E. Reduce number of services used by users.

**Answer:** ABC

**QUESTION 7**

Which of the following are true for CIFS? (Select TWO correct answers.)

- A. Filenames can be in any character set.
- B. Filenames can have a maximum length of 127 characters.
- C. Unlike SMB, CIFS is not optimized for slow network connections.
- D. Opportunistic Locks are supported.

**Answer:** AD

**QUESTION 8**

CIFS relies upon which port for direct hosting without requiring NetBIOS?

- A. 139
- B. 443
- C. 137
- D. 445

**Answer:** D

**QUESTION 9**

Which of the following daemons are included in Samba 3? (Select THREE correct answers.)

- A. wind

- B. nmbd
- C. winbindd
- D. samba
- E. smbd

**Answer: BCE**

**QUESTION 10**

What following statement is true about Samba 4?

- A. Samba 4 can serve as an Active Directory Domain Controller.
- B. Microsoft Windows clients cannot connect to Samba 4 servers.
- C. Samba 4 is only a minor update of Samba 3 to fix smaller bugs and contains no new features.
- D. Integration of Samba 4 in an existing Active Directory Domain is not possible.

**Answer: A**

**QUESTION 11**

There are multiple network interfaces on a server. Which parameters must you set in smb.conf to limit which interfaces Samba will accept connections? (Select TWO correct answers.)

- A. listen interfaces
- B. bind interfaces only
- C. interfaces
- D. listen address

**Answer: BC**

**QUESTION 12**

In order to restrict access to the SMB (445/tcp) port and stop the use of NetBIOS (139/tcp), what parameter is required in smb.conf in Samba 3?

- A. disable netbios = Yes
- B. smb ports = 445
- C. disable directhosting = No
- D. socket options = port:445

**Answer: B**

**QUESTION 13**

To minimally configure Samba to publish event logs, the eventlogs to list must be specified in smb.conf. What is the directive in the smb.conf file to enable event logs and list which eventlogs to publish?

- A. event list
- B. eventlogadm
- C. msevent list
- D. eventlog list
- E. eventlog

**Answer: D**

**QUESTION 14**

Which parameter must be set in the [global] section of smb.conf in order to make Samba use printers managed by CUPS?

- A. printing = cups
- B. printcap = cups
- C. printcap = /etc/cups/printers.conf
- D. print spooler = cups

**Answer: B**

**QUESTION 15**

Specify one of the commands that can be used to check a Samba configuration file for syntactical correctness? (Specify only the command name without any parameters or path.)

**Answer:** testparm, samba-tool

**QUESTION 16**

What is stored in the secrets.tdb database file?

- A. The password of the Samba user Administrator.
- B. The password of the Samba user root.
- C. Starting with Samba3 this file is no longer used.
- D. The SID of the local machine.

**Answer: D**

**QUESTION 17**

Which of the following are correct values for boolean parameters in smb.conf? (Select THREE correct answers.)

- A. 1
- B. true
- C. not
- D. no
- E. y

**Answer: ABD**

**QUESTION 18**

Which parameter in smb.conf defines the directory containing secrets.tdb?

- A. passdb dir
- B. private dir
- C. secrets dir
- D. samba dir

**Answer: B**

**QUESTION 19**

Which command can be used to validate and backup a TDB file?

- A. pdbedit
- B. tdbbackup
- C. tdbdump
- D. tdblist

**Answer: B**

**QUESTION 20**

Which command in the Samba suite will list the current connections?

- A. nmbstatus
- B. smbconnlist
- C. smbsocklist
- D. smbstatus

**Answer: D**

**QUESTION 21**

After installing a network with one samba server and several clients, users are complaining that they receive an update to browse the network error when trying to visit public share. What is the most likely cause of this?

- A. The nmbd process is not running on the samba server
- B. The user entered the wrong username and/or password
- C. The samba server is not configured as a Domain Master Browser
- D. The user hasn't mapped the share to a local drive letter yet

**Answer: A**

**QUESTION 22**

With Samba 3, which LDAP object class contains the Samba password attribute in the LDAP backend.

- A. SambaUnixIdPool
- B. ShadowAccount
- C. InetOrgPerson
- D. SambaPasswdMap
- E. SambaSamAccount

**Answer: E**

**QUESTION 23**

What does the ! mean when used at the beginning of a line in the username map file?

- A. It is a comment
- B. It indicates that it is a system group, not a username
- C. To stop processing the file if there is a match
- D. That account has been disabled

**Answer: C**

**QUESTION 24**

Which parameter should be set in smb.conf to enable off-line caching of data files?

- A. vfs objects = offline
- B. offline policy= documents
- C. csc policy = documents
- D. offline = documents

**Answer: C**

**QUESTION 25**

Which parameter in the smb.conf defines how long the winbind daemon will cache user and group information?

- A. cache time
- B. winbind cache time
- C. nscd cache time
- D. idmap cache time

**Answer: B**

**QUESTION 26**

In order to generate individual logfiles for machines connecting to Samba, which of the following statements have to be used in the Samba configuration file?

- A. log file = /var/log/samba/log.%c
- B. log file = /var/log/samba/log.%M
- C. log file = /var/log/samba/log.%m
- D. log file = /var/log/samba/log.%l

**Answer: C**

**QUESTION 27**

Starting with Samba 3.0, what support was added for filenames and other text containing characters in international character sets?

- A. Unicode
- B. Locale
- C. Valid Chars
- D. Client Code Page 850
- E. Character Set 850

**Answer: A**

**QUESTION 28**

By default Samba tries to recognize correct charsets between server and client. Which parameters can be used in smb.conf to set them manually? (Select TWO correct answers.)

- A. unix charset
- B. display charset
- C. dos charset

- D. windows charset
- E. unicode

**Answer: AC**

**QUESTION 29**

The \_\_\_\_ parameter in the smb.conf file will set hidden files in Linux to also be hidden in windows. (Please specify ONLY the parameter with no value assignment.)

**Answer:** hide dot files

**QUESTION 30**

An anonymous user had her access denied while she was trying to access a Samba share using the smbclient command. Assuming that it is necessary for anonymous users to access that share, what must be configured (in the Samba configuration file) to allow access? Please specify the full directive and value.

**Answer:** guest ok = yes, guest ok=yes, guest ok= yes, guest ok =yes, guest ok = 1, guest

**QUESTION 31**

It is desired to restrict access to the IPC\$ share to one specific machine. The setting hosts allow = 192.168.0.3 is added to the share configuration. Later it is discovered that other workstations may still access it. What setting was forgotten in the share configuration?

- A. deny hosts = 0.0.0.0/0
- B. deny hosts = 255.255.255.255/32
- C. hosts deny = 0.0.0.0/0
- D. hosts deny = 255.255.255.255/32

**Answer: C**

**QUESTION 32**

Microsoft file systems are not case sensitive on file names. Linux file systems are case sensitive to file names. Which of the following directives defines how Samba handles file name mapping in this situation?

- A. name map
- B. case map
- C. case sensitive
- D. case on

**Answer: C**

**QUESTION 33**

What is true about the [homes] section in smb.conf?

- A. It is a template used for all home directories of users on the Samba server.
- B. Users can access their home directory only by accessing the share with the name homes.
- C. It is a template used for all user created shares on the Samba server.
- D. The maximum number of homes shares per used can be limited using the parameter usershare max homes.

**Answer: A**

**QUESTION 34**

The [homes] section of smb.conf contains the parameter browseable = no. What are the resulting consequences? (Select TWO correct answers.)

- A. When browsing the Samba server, there is no visible share called homes.
- B. The homes share can be directly accessed by specifically opening this share by its UNC path.
- C. When browsing the Samba server, users can open the homes share but they cannot see the content of their home directories.
- D. If the Samba server is part of an Active Directory Domain, only users in the group SeBrowsingUsers can browse the homes share.
- E. When browsing the Samba server, there is no visible share named after the current user.

**Answer: AB**

**QUESTION 35**

What is true regarding the users listed in the option write list in a share declaration?

- A. All users listed in write list can write to the share no matter of the Linux file systems permissions of the share.
- B. Given sufficient Linux file system permissions, all users listed in the write list are allowed to write to the share.
- C. In case read only = yes is set for the share, even the users in write list are denied write access to the share.
- D. Given sufficient Linux file systems permissions, only those users listed in write list can write to the share that are listed in read list too.

**Answer: B**

**QUESTION 36**

Which of the following options can be used to limit access to a share? (Select TWO correct answers.)

- A. untrusted users
- B. write list
- C. valid users
- D. valid groups
- E. accept list

**Answer: BC**

**QUESTION 37**

Which command displays the Unix access control list of the file Company.qdb?

- A. facl list Company.qdb
- B. ADfacl Company.qdb
- C. getfacl Company.qdb
- D. smbfacl Company.qdb

**Answer: C**

**QUESTION 38**

In the smb.conf, what is the numeric value for the directory mask directive to ensure directories created within a share will have full permissions for all users?



**Answer:** 0777, 777

**QUESTION 39**

On Microsoft Windows systems, ACLs on the share are set using tools like the Explorer. For example, in Windows 7, right-click on the shared folder, then select Sharing, then click on Permissions. What Windows group, by default, has full control of the share?

- A. Everyone
- B. Guests
- C. Authenticated Local Users
- D. Samba Share Service

**Answer: A**

**QUESTION 40**

What is true about the following share's access properties? (Select TWO correct answers.)

```
[projects]
path = /data/projects
read only = no
admin users = timo, taki, @managers
```

- A. @managers will be resolved as a Winbind group.
- B. The timo and taki users can manipulate files regardless of the file system permissions.
- C. @managers will be resolved as a Unix group.
- D. @managers is a builtin default Samba group.
- E. The "admin users" can be applied only to print shares.

**Answer: BC**

**QUESTION 41**

Which of the following Samba VFS modules can be used to store Windows ACLs?

- A. vfs\_acl\_proxy
- B. vfs\_acl\_fake
- C. vfs\_acl\_tdb
- D. vfs\_acl\_xattr
- E. vfs\_acl\_ramdisc

**Answer: CD**

**QUESTION 42**

What is true about the Samba configuration options create mask?

- A. Each permission bit that is set (1) in create mask cannot be set on a file created by Samba even if the client requests it to be set.
- B. Each permission bit that is cleared (0) in create mask is only set on a file created by Samba if the client explicitly sets the bit.
- C. Each permission bit that is set (1) in create mask is always set on a file created by Samba regardless of the permissions set by the client.
- D. Each permission bit that is cleared (0) in create mask is always cleared on a file created by Samba even if the client explicit sets the bit.

**Answer: D**

**QUESTION 43**

How is the user user01 from DOMA granted the right to manage printers on a Samba print server?

- A. net ads rights 'DOMA\user01' +SePrintOperatorPrivilege
- B. net -S server -U domadmin rpc rights grant 'DOMA\user01' SePrintOperatorPrivilege
- C. pdbedit -user=user01 -l=DOMA -policies=SePrintOperatorPrivilege
- D. pdbedit DOMA\user01 +PrintOperator
- E. cupsaddsmb DOMA\user01 +PrintOperator

**Answer: B**

**QUESTION 44**

The \_\_\_\_ parameter in smb.conf limits the maximum number of jobs allowed in a Samba printer queue at any given moment.

**Answer:** max print jobs

**QUESTION 45**

Which files store printer and driver properties created on the server?

- A. ntprinters.tdb and ntdrivers.tdb
- B. printers.tdb and drivers.tdb
- C. printforms.tdb and ntprinters.tdb
- D. printers.tdb and spooler.tdb
- E. print\_spool.tdb and ntdrivers.tdb

**Answer: A**

**QUESTION 46**

When preparing the delivery of printer drivers from Samba to Windows clients, which of the following requirements have to be fulfilled? (Select TWO correct answers.)

- A. The driver must be associated with the printer either by Samba's rpcclient command or by the Windows Add Printer wizard.
- B. The driver has to be put on a Samba share called print\$.
- C. The driver has to be put on the NETLOGON-share in a sub-directory with the same name as the printer.
- D. The drivers file name must be specified with the nt driver option in the printers share declaration.

**Answer: AB**

**QUESTION 47**

The command \_\_\_\_ -x foo will delete the user foo from the Samba database. (Specify the command only, no path information.)

**Answer:** pdbedit, smbpasswd

**QUESTION 48**

Which of the following statements about the smbpasswd command are true? (Select TWO correct answers)

- A. The -d <user> parameter deletes the <user> account from the Samba database.
- B. The -a <user> parameter adds <user> account to the Samba database. If the account already exists, this parameter is ignored.
- C. The -x <user> parameter removes the <user> account from the Samba database.
- D. The -e <user> parameter excludes the <user> account from the Samba database.
- E. smbpasswd enables password changes only on Samba servers and not regular Windows servers.

**Answer: BC**

**QUESTION 49**

Which command will display the groups a user belongs to on a remote SMB server?

- A. net rpc group info
- B. net rpc group member
- C. net rpc user info
- D. smblookup member
- E. smblookup user

**Answer: C**

**QUESTION 50**

Select which groups must map to UNIX GIDs on a Samba server operating as a PDC. (Select TWO correct answers.)

- A. Domain Root
- B. Domain Users
- C. Domain Guests
- D. Domain Controllers
- E. Domain Operators

**Answer: BC**

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