

➤ **Vendor: LPI**

➤ **Exam Code: 117-300**

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

➤ **Question 51 -- Question 100**

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**QUESTION 51**

The net \_\_\_\_ command is used to manage group mapping. (Specify only the sub command.)

**Answer:** groupmap

**QUESTION 52**

Which commands will delete the user account joeuser from a Samba server? (Select TWO correct answers.)

- A. smbadduser -d joeuser
- B. smbdeluser joeuser
- C. smbpasswd -x joeuser
- D. pdbedit -r joeuser
- E. pdbedit -x joeuser

**Answer:** CE

**QUESTION 53**

Which command can be used to directly query the configured winbind server? (Provide the command without any parameters or options)

**Answer:** wbinfo

**QUESTION 54**

Which mechanism of a Linux system is used by Samba to permit identity resolution within a domain?

- A. Linux kernel modules (via /etc/modules.conf)
- B. Name Service Switch (NSS)
- C. Automount (autofs)
- D. Inode notify (inotify)
- E. Cron-daemon (crond)

**Answer:** B

**QUESTION 55**

What has to be done in order to make sure the Samba password is kept in sync when a user changes his Linux password?

- A. Samba and Unix passwords can only be kept in sync when Samba uses the passwdsam password backend which reads the password from /etc/passwd and, when used, does not require further configuration.
- B. /usr/bin/passwd should be replaced by a symlink to /usr/bin/smbpasswd.
- C. In /etc/nsswitch.conf, the samba service should be added to passwd and shadow before the file service.
- D. pam\_smbpass.so should be added to the password type of the appropriate PAM configuration.
- E. Winbindd must be running on the Linux server in order to replicate the password changes back to Samba.

**Answer: D**

**QUESTION 56**

Which of the following steps are performed by the command samba-tool domain provision? (Select TWO correct answers.)

- A. Samba is configured to serve as an Active Directory Domain Controller, including creation of smb.conf in case it does not exist.
- B. In case the full Samba suite is not yet installed, it is downloaded, compiled and installed.
- C. A basic user database with the accounts required in an Active Directory is provisioned.
- D. The command scans the local subnets and adds machine accounts for all discovered machines.
- E. All users found in the local unix password database are automatically converted into Active Directory user accounts.

**Answer: AC**

**QUESTION 57**

When upgrading a Samba 3 to a Samba 4 Active Directory domain using samba-tool domain classicupgrade, what is true? (Select THREE correct answers.)

- A. All machines have to re-join the new domain.
- B. The profiles of the users remain unchanged.
- C. Samba configures its internal NTP server to synchronize the systems clocks of all domain members.
- D. The user accounts and machine accounts are migrated into the new database.
- E. A basic set of DNS records required for AD operation is provisioned.

**Answer: BDE**

**QUESTION 58**

Which command typed on a Samba server will print out the local SID?

- A. net get sid localhost
- B. net getlocalsid
- C. net getsid
- D. net rpc get localsid

**Answer: B**

**QUESTION 59**

After finishing configuring 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. Unix Client support is disabled in the Active Directory configuration.
- B. The PAM library is searching the directory with the default search filter.
- C. The slapd daemon is not running.
- D. The user account in Active Directory has the remote login setting disabled.

**Answer: B**

**QUESTION 60**

Which of the following commands are required to join an Active Directory Domain? (Select TWO correct answers.)

- A. kinit
- B. wbinform -u
- C. net ads join
- D. winbind join domain

**Answer: AC**

**QUESTION 61**

When joining a Samba server to an Microsoft Active Directory domain, what is the correct setting for the security directive of the smb.conf file? (Specify the setting value only without any other keywords.)

**Answer: ADS, ads**

**QUESTION 62**

Which command would create a machine account in Active Directory under the Computers/BusinessUnit/Department/Servers organizational unit?

- A. net rpc join -m localhost -ldap="ldap.ldapserver.com:Computers/BusinessUnit/Department/Servers"
- B. rpcclient -c "join Computers/BusinessUnit/Department/Servers"
- C. net ads join ou="Computers/BusinessUnit/Department/Servers"
- D. net ads join createcomputer="Computers/BusinessUnit/Department/Servers"

**Answer: D**

**QUESTION 63**

What are the requirements for configuring a Samba file server to work in Active Directory mode? (Select THREE correct answers.)

- A. Join a domain using the command: net ads join
- B. Specify a realm in the smb.conf file
- C. Make sure there is no clock drift between the systems in the AD
- D. Use Winbind in the ADS mode with this command: winbindd -krb5
- E. Create an administrator account with the pdbedit command

**Answer: ABC**

**QUESTION 64**

Which of the following statements are true regarding NetBIOS names? (Select TWO correct

answers.)

- A. NETBIOS names can use only alphanumeric characters
- B. You can use a '.' in a NETBIOS name
- C. You can use an '\_' (underscore) in a NETBIOS name
- D. NETBIOS names must be UPPERCASE
- E. NETBIOS names can be a maximum of 32 characters

**Answer:** BC

**QUESTION 65**

The \_\_\_\_ command is used to create an index of the OpenLDAP database. (Please specify the command with no path, options or parameters.)

**Answer:** SLAPINDEX

**QUESTION 66**

Which of the following are true when considering NetBIOS browsing? (Choose THREE correct answers.)

- A. Servers and workstations register their presence to the network.
- B. One or more machines on the network collate the local announcements.
- C. It is not possible to share NetBIOS name information across subnets.
- D. Elections are held to determine the roles of certain servers.
- E. Currently, only Microsoft Windows servers can initiate an election.

**Answer:** ABD

**QUESTION 67**

Enter the FOUR parameters (in the correct order) to be set in the name resolve order directive to use the following name resolution order? (Enter only the parameter names with space between them.)

1. Use lmhosts file entries
2. Use a server specified in the 'wins server' directive
3. Use broadcast
4. Use default DNS lookup

**Answer:** lmhosts wins bcast host

**QUESTION 68**

What is the NetBIOS equivalent of an /etc/hosts file, equating an IP address to a system NetBIOS name. (Specify only the file name without any path.)

**Answer:** lmhosts, LMHOSTS

**QUESTION 69**

Which directive of the smb.conf file will ensure a Samba server will win broadcast elections for the master browser?

- A. os level = 255
- B. os level = 31
- C. os level = 15
- D. os level = 0

**Answer: A**

**QUESTION 70**

Which of the following commands add a forward DNS record named fileserver01 pointing to the IPv6 address 2001:db8: :190 into the DNS zone samba.private on the Samba 4 server dc1?

- A. net dns -S dc1 -U Administrator addrecord fileserver01.samba.private AAAA 2001:db8: :190
- B. samba-tool dns add dc1 samba.private fileserver01 AAAA 2001:db8: :190 -U Administrator
- C. samba-dns dynupdate -S dc1 -U Administrator -h fileserver01.samba.private -t AAAA -V 2001:db8: :190
- D. nsupdatesmb -U Administrator //dc1/samba.private/fileserver01 add AAAA 2001:db8: :190

**Answer: B**

**QUESTION 71**

Which of the following sub-commands are available for samba-tool dns? (Select TWO correct answers.)

- A. disable
- B. dump
- C. query
- D. add
- E. reverselookup

**Answer: CD**

**QUESTION 72**

Which of the following statements is true about DNS in an Active Directory Domain?

- A. When resolving DNS names all domain members must query the domain controllers or a server that serves the exact same zone content.
- B. It is not possible to use secondary DNS servers in conjunction with an Active Directory domain.
- C. DNS name resolution is not mandatory as long as a WINS server can be reached.
- D. Only A and AAAA records contain important information regarding an Active Directorydomain, no other record types are used.

**Answer: A**

**QUESTION 73**

A Samba 4 server provides DNS information regarding an Active Directory Domain. All other DNS information is provided by another DNS server. Which of the following solutions ensures that the clients of the Samba server can look up all DNS records including those from the domain?

- A. The additional DNS server is configured in the file /etc/resolv.conf on the Samba server and the option dns forwarder = yes is set in smb.conf.
- B. The additional DNS server is configured in the option dns forwarder in smb.conf. All clients query the Samba server for any DNS information.
- C. Both the Samba server and the additional DNS server are configured on the clients. It is ensured that the Samba server is listed first in each client's resolv.conf.
- D. All clients are configured to send DNS queries to the additional DNS server only. The Samba servers smb.conf contains the option wins dns proxy = yes to provide all domain-related naming information via NetBIOS name service independently from DNS.

**Answer: B**

**QUESTION 74**

The showmount command will list the available NFS shares on a server. What command will provide the same information on a Samba server named FileSrv1?

- A. smbcontrol -L FileSrv1
- B. smbclient -N FileSrv1
- C. smbclient -L FileSrv1
- D. smbmount -L FileSrv1

**Answer: C**

**QUESTION 75**

Which command in the Samba suite provides a means of manipulating NT Quotas on Samba file shares? (Specify only the command with no arguments or options.)

**Answer:** smbquotas

**QUESTION 76**

Which option to mount.cifs specifies a file that contains the user name, password and domain that should be used for authentication against the server during the mount? (Specify only the option without any values or parameters.)

**Answer:** credentials

**QUESTION 77**

After adding a remote CIFS share to /etc/fstab, the share is mounted to the correct place in the file system. There, all files belong to the user and group root and are not read- or writable to any other users in the system. What should be done in order to permit a distinct local user access to the mounted files?

- A. The option root squash = yes should be added to the share in the Samba servers smb.conf to allow full access by the client.
- B. The mount.cifs options uid, gid, file\_mode and dir\_mode should be used to specify the ownership and permissions of the mount.
- C. The user should be added to the local user group smbusers as mount.cifs by default restricts access to all CIFS mounts to members of this group in addition to the root account.
- D. The mount.cifs command must always be executed by the user who should use the mount afterwards. The user should be granted the required permission in /etc/sudoers.

**Answer: B**

**QUESTION 78**

On the Linux command line, which of the following Samba tools lists the available domains, servers and shares?

- A. samba-tool forrest list
- B. smbtree
- C. smbexplore
- D. ip neighbor show
- E. pathbrowse

**Answer: B**

**QUESTION 79**

Which of the following commands executes a recursive download of the src share located in a Samba server named SOURCES, assuming that this server allows anonymous users?

- A. smbget -R smB://sources/src
- B. wget -R smB://sources/src
- C. curl -R cifs://sources/src
- D. smbmirror //sources/src

**Answer: A**

**QUESTION 80**

Which option is used when running smbclient with a file containing user credentials?

- A. -F
- B. -c
- C. -s
- D. -A

**Answer: D**

**QUESTION 81**

Which port must be open in a firewall to allow access to the Remote Desktop Protocol (RDP) server running on the standard port?

**Answer: 3389**

**QUESTION 82**

Which command with Samba 3 would be used to search for all available workgroups/domains and NetBIOS names?

- A. nmblookup
- B. findsmb
- C. smbget
- D. winbrowse

**Answer: B**

**QUESTION 83**

Which of the following Linux commands can be used to log into a remote Microsoft Windows server using RDP?

- A. rlogin
- B. rdesktop
- C. ssh
- D. Xnest
- E. rpcdesktop

**Answer: B**

**QUESTION 84**

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**

**QUESTION 85**

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**

**QUESTION 86**

In an OpenLDAP master'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 87**

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**

**QUESTION 88**

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" writeby \* \_\_\_\_

**Answer: none**



**QUESTION 89**

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**

**QUESTION 90**

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**

**QUESTION 91**

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 92**

Which of the following Samba 4 commands adds the user candidate to group training?

- A. samba-tool user addgroup candidate training
- B. samba-tool group addmembers training candidate
- C. samba-tool groupadd training candidate
- D. samba-tool ad group modify training add candidate

**Answer: B**

**QUESTION 93**

A Samba server is configured to use the OpenLDAP password backend. The root DN for the LDAP directory is defined in slapd.conf. In order to define an alternative account used by the Samba administrator, which steps are necessary? (Select THREE correct answers.)

- A. Make sure the password for the new administrative account matches the UNIX root password.
- B. Add a new Samba administrative account to the LDAP directory.
- C. Make certain that the ldap admin option in smb.conf does not point to the LDAP root DN.
- D. Map the Samba administrator account to the domain administrator.
- E. Change the access attributes in slapd.conf.

**Answer: BCE**

**QUESTION 94**

How can the risk of UID/GID inconsistencies be avoided across UNIX/Linux systems that are sharing information over protocols other than SMB/CIFS (e.g.: NFS)?

- A. Specify a common OpenLDAP idmap backend in smb.conf.
- B. Specify a common Kerberos realm in smb.conf.
- C. Specify a common domain name in smb.conf.
- D. Specify a common password server in smb.conf.
- E. Specify a common winbind ID range in smb.conf.

**Answer: A**

**QUESTION 95**

Beginning with Windows 2000, by default, Windows requires that passwords on your Samba server:

- A. do not exceed 32 characters.
- B. contain both numbers and letters.
- C. are encrypted.
- D. are changed every 30 days.

**Answer: C**

**QUESTION 96**

When a Windows domain controller is used, which of the following is assigned a Windows Security Identifier? (Select THREE correct answers.)

- A. Users
- B. Servers
- C. Groups
- D. Departments
- E. Companies

**Answer: ABC**

**QUESTION 97**

It is found that changes made to an LDAP directory are no longer being replicated to the slave server at 192.168.0.3. Tests prove that the slave server is listening on port 389 and changes are being recorded properly to the replication log file. In which file would you find the replication errors?

**Answer:** /VAR/LIB/LDAP/192.168.0.3:389.REJ,LDAP/192.168.0.3:389.REJ,192.168.0.3:389.REJ

**QUESTION 98**

An administrator has manually migrated local accounts to OpenLDAP, instead of using 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 99**

Which service unifies Linux/UNIX and Windows NT account management by allowing a UNIX box to become a full member of an NT domain?

- A. Winbind
- B. PAM
- C. NIS
- D. OpenLDAP

**Answer: A**

**QUESTION 100**

Which of the following commands show all user accounts as they are currently available to the Linux operating system no matter of their source?

- A. ypcat
- B. getent
- C. wbinfo
- D. showuser
- E. smbpasswd

**Answer: B**

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