

LPI

300-100

Exam Name:

LPIC-3 (300) Mixed Environments Exam



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Product Questions: 145

Version: 9.0

Question: 1

What is the true of the following share's access properties? (Choose two.)

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

- A. @managers copies the permissions of the share [managers].
- B. The alice and bob 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 parameter admin users can be applied only to print shares.

Answer: C

Question: 2

Which of the following parameters can be used in a Samba configuration in order to execute scripts on the server? (Choose three.)

- A. add printer script
- B. add user script
- C. add group script
- D. add user to group script
- E. add share script

Answer: B,C,D

Question: 3

Fill in the blank.

Which option must be specified in smb.conf in order to make Samba create machine accounts automatically when a client joins the domain?

Answer: kerberos

Question: 4

What is the effect of the following line within a global section of a Samba configuration file?

preferred master = yes

- A. After its start, nmbd forces an election in order to become the master browser.
- B. The os level is set to the highest possible value 255 in order to become the master browser.
- C. nmbd forces an election every minute in order to become the master browser.
- D. The local nmbd becomes the master browser for all available workgroups in the local network.
- E. The line has no effect as long as local master is not set to no.

Answer: A

Question: 5

Which of the following commands is used to join a properly configured Samba server as member to an Active Directory domain?

- A. net ads join member
- B. net rpc join –member
- C. net domain join member
- D. net domain join –member
- E. net ads member join

Answer: A

Question: 6

Which of the following Samba variables must be used to pass the machine name to the script specified in add machine script within a Samba configuration file?

- A. %m
- B. %w
- C. %p
- D. %q
- E. %u

Answer: E

Question: 7

By default, Samba tries to automatically detect the correct character set to use with a connecting client. Which parameter in smb.conf forces Samba to use only ASCII?

- A. global charset = ASCII
- B. unicode = no
- C. ASCII = yes
- D. force charset = ASCII
- E. reduce charset = yes

Answer: C

Question: 8

Fill in the blank.

What command checks the Samba configuration file for syntactical correctness? (Specify ONLY the command without any path or parameters.)

Answer: testparm

Question: 9

Which of the following sections must exist in a Samba configuration file in order to create dynamic shares for printers?

- A. [print\$]
- B. [printcap]
- C. [printer]
- D. [printers]
- E. [spooler]

Answer: D

Question: 10

Fill in the blank.

Which type of message should be sent to a Samba daemon using smbcontrol in order to change the daemon's debug level? (Specify ONLY the name of the message type without command or options.)

Answer: debug

Question: 11

Which of the following ports are open by default on a Samba 4 Active Directory Domain Controller? (Choose three.)

- A. 443/TCP
- B. 138/TCP
- C. 389/TCP
- D. 445/TCP
- E. 53/TCP

Answer: B,C,D

Question: 12

In order to generate an individual log file for each of the machines connecting to a Samba server, which of the following statements must 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: 13

Fill in the blank.

What samba command generates the following output? (Specify ONLY the command without any path or parameters.)

```
Samba version 4.3.4
PID      Username   Group      Machine    Protocol Version
-----
2167     SAMBA\bob  users      client01   (ipv4:192.168.1.2:52164) NT1
```

Answer: smbstatus

Question: 14

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: 15

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: 16

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: 17

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: 18

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: 19

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: 20

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: 21

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: 22

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: 23

OpenLDAP can be secured by which of these options? (Select THREE correct choices)

- A. TLS (Transport Layer Security)
- B. ACLs (Access Control Lists)
- C. HTTPS (Hypertext Transfer Protocol Secure)
- D. SSL (Secure Sockets Layer)
- E. OSI-L2 (OSI Layer 2 encryption)

Answer: A, B, D

Question: 24

After modifying the indexes for a database in slapd.conf and running slapindex, the slapd daemon refuses to start when its init script is called. What is the most likely cause of this?

- A. The indexes are not compatible with the init script.
- B. The init script cannot be run after executing slapindex, without first signing the indexes with slapsign.
- C. The init script has identified one or more invalid indexes.
- D. The init script is starting slapd as an ordinary user, and the index files are owned by root.

Answer: D

Question: 25

What does cachesize 1000000 represent in the slapd.conf file?

- A. The number of entries to be cached.
- B. The size of the cache in Bytes.
- C. The size of the cache in Bits.
- D. The minimum cache size in Bytes.
- E. The maximum cache size in Bytes.

Answer: A

Question: 26

What is the correct command to regenerate slapd indices based upon the current contents of the

database?

- A. slapd index
- B. sindexd
- C. slapindex
- D. There is no index command, indexing is handled by the slapd daemon.

Answer: C

Question: 27

Which of the following parameters can be used in the file DB_CONFIG? (Select TWO correct answers.)

- A. set_cachesize
- B. set_cachepath
- C. set_db_type
- D. set_db_path
- E. set_lg_max

Answer: A, E

Question: 28

A server is authenticating users using the pam_ldap module. Only users who are members of a certain group should be allowed to login. In which parameter in ldap.conf can a filter string be specified, that is ANDed with the login attribute when validating a user? (Enter only the parameter, without any options or values)

Answer: pam_filter

Question: 29

When configuring an OpenLDAP system for integration with PAM and NSS the /etc/nsswitch.conf file needs to be modified. Which of the following parameters completes this line from the /etc/nsswitch.conf file?

passwd. files _____

- A. pam
- B. ldap
- C. pam_nss
- D. pam_ldap
- E. none

Answer: B

Question: 30

By configuring Pluggable Authentication Module (PAM) and Name Service Switch (NSS) technologies to use OpenLDAP, what authentication service can be replaced?

- A. Microsoft NT Domain

- B. Samba
- C. Network Information Service (NIS)
- D. Active Directory (AD)

Answer: C

Question: 31

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: 32

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, ldap

Question: 33

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: 34

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

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

Answer: C

Question: 35

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: A, B, C

Question: 36

Which of the following are true for CIFS? (Choose 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: A, D

Question: 37

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

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

Answer: D

Question: 38

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: B, C, E

Question: 39

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: 40

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

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

Answer: B, C

Question: 41

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: 42

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: 43

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: 44

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: 45

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: 46

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: A, B, D

Question: 47

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: 48

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

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

Answer: B

Question: 49

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

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

Answer: D

Question: 50

Which commands can be used to terminate all running instances of smbd?

- A. smbcontrol smbd shutdown
- B. smbcontrol nmbd shutdown
- C. smbcontrol shutdown
- D. smbcontrol samba shutdown

Answer: A

Question: 51

Sending a message of type _____ to a Samba daemon using smbcontrol changes the daemon's debug level. (Only specify the name of the message type without command or options)

Answer: debug

Question: 52

Which type of files will be stored inside the directory specified below?

```
# smbd -b |grep LOCKDIR  
LOCKDIR: /var/cache/samba
```

- A. Configuration files
- B. TDB files
- C. WINS name cache files
- D. Samba print spool files

Answer: B

Question: 53

The log level parameter in smb.conf should normally not be set higher than 2 becauseE.

- A. credentials supplied by the user are logged, which poses a security risk.
- B. the increased verbosity has a negative impact on network bandwidth.
- C. most Samba administrators cannot understand the information presented at higher log levels.

D. the server flushes the log file after each operation, which affects overall performance.

Answer: D

Question: 54

Which commands will dump out the contents of a Samba printer driver's TDB file? (Select TWO correct answers.)

- A. pdbedit
- B. smbclient
- C. tdbtool dump
- D. tdbdump
- E. tdblist

Answer: C, D

Question: 55

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: 56

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: 57

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

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

E. unicode

Answer: A, C

Question: 58

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: 59

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 ok=1, guest o**

=1, guest ok= 1, guest ok = true, guest ok=true, guest ok= true, guest ok =true

Question: 60

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: 61

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: 62

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 user can be limited using the parameter usershare max homes.

Answer: A

Question: 63

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: A, B

Question: 64

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: 65

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: B, C

Question: 66

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: 67

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: 68

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: 69

What is true about the following share's access properties? (Choose 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: B, C

Question: 70

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: C, D

Question: 71

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: 72

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: 73

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: 74

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: 75

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: A, B

Question: 76

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

**Answer: pdbedit,
smbpasswd**

Question: 77

Which of the following statements about the smbpasswd command are true? (Select TWO 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: B, C

Question: 78

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: 79

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: B, C

Question: 80

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

Answer: groupmap

Question: 81

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: C, E

Question: 82

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

Answer: wbinfo

Question: 83

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: 84

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: B, C, E

Question: 85

How can the risk of UID/GID inconsistencies be avoided across UNIX/Linux systems that are sharing information over protocols other than SMB/CIFS (eg: 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: 86

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: 87

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: A, B, C

Question: 88

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

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

Answer: A

Question: 89

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 `slappasswd` to convert the hashes in `/etc/shadow`.
- E. The administrator forgot to run `ldappasswd` to convert the hashes in `/etc/shadow`.

Answer: A

Question: 90

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: 91

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. `yycat`
- B. `getent`
- C. `wbinfo`
- D. `showuser`
- E. `smbpasswd`

Answer: B

Question: 92

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: 93

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 passwdam 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: 94

In which section of the smb.conf configuration file is the logon script file name specified?

- A. [homes]
- B. [netlogon]
- C. [global]
- D. [profiles]

Answer: C

Question: 95

By specifying the _____ option in smb.conf and assigning it an appropriate value, Samba will create Machine Trust Accounts automatically when the client joins the domain.

Answer: add machine script

Question: 96

For Samba 3 to be able to work as a PDC, some modifications are needed in its main configuration file. Select the THREE options below that show the required actions for this task.

- A. The Samba server has to be a logon server. This can be configured by the domain logons directive.
- B. The Samba server needs to have the logon and the account creation scripts, to properly setup the PDC environment.

- C. The Samba server must be a Domain Master Browser. To configure this, the domain master directive must be set to yes.
- D. The time server = yes directive needs to be configured, so Samba will behave as a WINS server and also a Time server.
- E. The security = user directive must be set.

Answer: A, C, E

Question: 97

The command _____ is used on a Samba server to modify the SID in an existing NT profile.

Answer: profiles

Question: 98

To properly configure a Samba server to be a Primary Domain Controller (PDC), what configuration option must be set to yes?

- A. domain master
- B. log level
- C. local master
- D. local logon

Answer: A

Question: 99

When integrating Samba and OpenLDAP, what schema needs to be included in the OpenLDAP slapd.conf?

- A. samba.schema
- B. windows.schema
- C. java.schema
- D. microsoft.schema
- E. nis.schema

Answer: A

Question: 100

Which of the following values are valid for the Samba 4 configuration directive server role? (Choose THREE correct answers.)

- A. LEGACY DOMAIN MASTER BROWSER
- B. NETBIOS BACKUP DOMAIN CONTROLLER
- C. ACTIVE DIRECTORY DOMAIN CONTROLLER
- D. ANCIENT WINS PROXY SERVER
- E. CLASSIC PRIMARY DOMAIN CONTROLLER

Answer: B, C, E

Question: 101

Which of the following commands sets up Samba 4 as an Active Directory Controller for a new domain?

- A. samldap-domainadd
- B. net ads prepare domain
- C. smbcontrol dcpromo
- D. samba-tool domain provision

Answer: D

Question: 102

Which directive in the smb.conf of a Samba 4 Active Directory Domain Controller specifies the name of the Active Directory Domain? (Specify only the option without any values or parameters)

Answer: realm

Question: 103

Which of the following options must be set in smb.conf in order to configure Samba as Active Directory Domain Controller?

- A. active directory logons = yes
- B. security = addc
- C. server role = active directory domain controller
- D. ad server mode = domain controller

Answer: C

Question: 104

Which of the following steps are performed by the command samba-tool domain provision? (Choose 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: A, C

Question: 105

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: B, D, E

Question: 106

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: 107

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: 108

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

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

Answer: A, C

Question: 109

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: 110

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: 111

What are the requirements for configuring a Samba file server to work in Active Directory mode? (Choose 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: A, B, C

Question: 112

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: B, C

Question: 113

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

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

Answer: B

Question: 114

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: A, B, D

Question: 115

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: 116

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: 117

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: 118

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/filesserver01 add AAAA 2001: db8: : 190

Answer: B

Question: 119

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: C, D

Question: 120

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

- A. When resolving DNS names? all domain members must query a domain controller or a DNS 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 in an Active Directory Domain, as long as a WINS server can be reached.
- D. Active Directory only uses A and AAAA records no other record types to serve important information regarding the domain.

Answer: A

Question: 121

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: 122

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: 123

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: 124

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: 125

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: 126

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: 127

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: 128

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

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

Answer: D

Question: 129

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: 130

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: 131

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: 132

Which of the following statements are true regarding the smbpasswd command? (Choose two.)

- A. The `-d` parameter deletes an account from the Samba database.
- B. The `-a` parameter adds an account to the Samba database. If the account already exists, this parameter is ignored.
- C. The `-x` parameter removes an account from the Samba database.
- D. The `-e` parameter excludes an account from the Samba database.
- E. smbpasswd changes only passwords stored on Samba domain controllers and not on DCs running Windows.

Answer: B,C

Question: 133

What must be done to ensure the Samba password is kept synchronized when a user changes their Linux password?

- A. Samba and linux passwords can only be kept in sync when Samba uses the `passwdsm` password backend, which reads the password from `/etc/passwd`.
- 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 `password` 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: 134

Which service unifies Linux and Windows account management by allowing a Linux system to include Windows domain users in the Linux user database?

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

Answer: A

Explanation

Samba winbind provides a unified login experience between UNIX or Linux and Windows systems by letting users log on to a UNIX or Linux host by using Windows domain credentials.

Question: 135

Which of the following commands converts user accounts from the smbpasswd to the passdb.tdb backend?

- A. pdbedit -i smbpasswd:smbpasswd -e tdbam:passdb.tdb
- B. pdbedit -f smbpasswd -t passdb.tdb
- C. tdbtool -i smbpasswd:smbpasswd >passdb.tdb
- D. smbpasswd -e tdbam:passdb.tdb <smbpasswd
- E. tdbrestore -i smbpasswd:smbpasswd -o passdb.tdb

Answer: A

Question: 136

After successfully connecting to a remote CIFS share using smbclient, the command mget MyFiles is issued to retrieve the folder MyFiles, including all of its contents. Instead of transferring the folder, smbclient returns the error:

NT_STATUS_NO_SUCH_FILE listing \MyFiles

What should be done in order to download the contents of the folder?

- A. The command recurse should be used to toggle recursion for mget and mput.
- B. To provide a target for the file transfer, the local folder MyFiles has to be created in advance.
- C. The command rget should be used instead of mget to perform recursive operations.
- D. The server has to support recursion for the given share which, on Samba, is enabled by setting recursion = true.
- E. smbclient should be used invoked with the -recurse or -r parameter.

Answer: D

Question: 137

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

- A. The option root squash = yes should be added to the share in the Samba server's 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 member of this group in addition to the root account.
- D. The mount.cifs command should always be executed by user who will use the mount afterwards. The user should be granted the required permission in /etc/sudoers.

Answer: C

Question: 138

Fill in the blank.

Which Samba command allows the management and manipulation of NT Quotas on samba file

shares? (Specify ONLY the command without any path or parameters.)

Answer: smbquotas

Question: 139

Which of the following properties does the configuration option cachesize in slapd.conf refer to?

- A. The number of entries to be cached.
- B. The size of the cache in bytes.
- C. The size of the cache in bits.
- D. The minimum cache size in bytes.
- E. The maximum cache size in bytes.

Answer: A

Question: 140

Which of the following statements are true regarding pass-through authentication in OpenLDAP?
(Choose two.)

- A. It only works with plaintext passwords.
- B. it is configured in the slapd.conf file and applies to all users within the directory.
- C. it is indicated using the (SASL) scheme in a user's userPassword attribute.
- D. it is defined for an LDAP subtree and applies to all of the users within that tree.
- E. It requires all users to use Kerberos authentication.

Answer: A,C

Question: 141

Which of the following values for the option TLSVerifyClient instructs OpenLDAP to request a valid certificate from a client on order to serve the client's request and terminate the connection if the client does not provide a valid certificate?

- A. never
- B. allow
- C. try
- D. demand
- E. require

Answer: D

Question: 142

Which of the following commands regenerates slapd indices based on the current database?

- A. slapd index
- B. sindexd
- C. slapindex
- D. There is no index command. Indexing is handled by the slapd daemon.

Answer: C

Question: 143

Which of the following configuration options enables an OpenLDAP server to act as a syncrepl provider?

- A. syncrole provider
- B. syncproto syncrepl
- C. replication syncprovider
- D. overlay syncprov
- E. provide syncrepl

Answer: D

Question: 144

Fill in the blank.

Which parameter must be added to the name resolve order directive in order to use broadcasts in Samba name resolution? (Specify ONLY the parameter name.)

Answer: bcast

Question: 145

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

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

Answer: B

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