



CompTIA Linux+ and LPIC Practice Tests

PREV
Chapter 19 HTTP Services (Topic 208)

Chapter 21 Network Client Management (Topic 210)

NEXT

Chapter 20 File Sharing (Topic 209)

THE FOLLOWING LPIC-2 EXAM TOPICS ARE COVERED IN
THIS CHAPTER:

- ✓ **209.1 Samba Server Configuration**
 - Samba 4 documentation
 - Samba 4 configuration files
 - Samba 4 tools and utilities and daemons
 - Mounting CIFS shares on Linux
 - Mapping Windows user names to Linux user names
 - User-Level, Share-Level and AD security
 - The following is a partial list of the used files, terms and utilities:
 - smb, nmb, winbind
 - smbcontrol, smbstatus, testparm, smbpasswd, nmblookup
 - samba-tool
 - net
 - smbclient
 - mount.cifs
 - /etc/samba/
 - /var/log/samba/
- ✓ **209.2 NFS Server Configuration**
 - NFS version 3 configuration files
 - NFS tools and utilities
 - Access restrictions to certain hosts and/or subnets
 - Mount options on server and client
 - TCP Wrappers
 - Awareness of NFSv4
 - The following is a partial list of the used files, terms and utilities:
 - /etc/exports
 - exportfs
 - showmount
 - nfsstat
 - /proc/mounts
 - /etc/fstab
 - rpcinfo
 - mountd
 - portmapper

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1. /etc/samba4
 2. /etc/samba
 3. /etc/smb
 4. /etc/filesharing/samba
2. Which of the Samba daemons is responsible for responding to NetBIOS name service requests?
1. smbd
 2. nmbd
 3. winbindd
 4. samba
3. You have made a configuration change to `smb.conf` and need to have the config reloaded. Which of the following commands accomplishes this task with the least disruption to users?
1. `smbcontrol all shutdown`
 2. `smbcontrol smbd reload`
 3. `smbctr1 all reload`
 4. `smbcontrol all reload-config`
4. Which of the following files is used to define the filesystems shared by NFS?
1. /etc/nfs.cfg
 2. /etc/nfs.conf
 3. /etc/export.nfs
 4. /etc/exports
5. Which of the following NFS shares allows users from `cwa.example.com` to connect with read-write access to an NFS share at `/srv/vhosts`?
1. `/srv/vhosts www.example.com(rw)`
 2. `www.example.com (rw) /srv/vhosts`
 3. `/srv/vhosts www.example.com (rw)`
 4. `/srv/vhosts www.example.com`
6. When using the `net` command in an Active Directory environment, which option enables authentication using Kerberos?
1. `-b`
 2. `-k`
 3. `-l`
 4. `-a`
7. Which option within a Samba configuration enables translation of Windows to Linux usernames?
1. `usermap`
 2. `usernamemaps`
 3. `userfile`
 4. `username map`
8. When specifying credentials on the command line with the Samba `net` command, which character is used to separate the username from the password?
1. `/`
 2. `\`
 3. `%`
 4. `!`

9. 9. Which of the following host specifications enables any host within the example.org domain to mount an NFS filesystem?

1. all=example.org
2. rw=*.example.org
3. *.example.org
4. %.example.org

10. 10. Which filesystem type for the mount command is used for mounting Samba shares?

1. win
2. ext4
3. vfat
4. cifs

11. 11. Which of the following commands displays the currently mounted CIFS filesystems?

1. mount -t smb
2. lsmbd
3. mount -t cifs
4. ls -cifs

12. 12. To which setting should the security parameter be set within the Samba configuration in order for share-level security to be used?

1. sharelevel
2. share-level
3. high
4. share

13. 13. Which option to rpcinfo displays statistics on rpcbind operations?

1. -s
2. -m
3. -l
4. -e

14. 14. Which of the following commands displays the export list for a given NFS server?

1. rpcmount
2. showmount -e
3. mount -shownfs
4. mount -listnfs

15. 15. Which of the following lines in /etc/fstab will mount an NFS filesystem shared as /source from the host src.example.com into a directory called /srv/source on the local server?

1. /source /srv/source -h src.example.com
2. src.example.com/source /srv/source
3. src.example.com:/source /srv/source nfs
4. nfs src.example.com:/source /srv/source

16. 16. Which option to the nfsstat command shows statistics about only NFSv3?

1. -3
2. -o3
3. -v3
4. -t

17. 17. Which of the following files shows the currently mounted filesystems?
1. /etc/mounts
 2. /proc/mounts
 3. /proc/mtab
 4. /etc/fstab
18. 18. Which of the following blocks access to the portmap service from the hosts within example.com's network (192.168.1.0/24) when placed in hosts.deny?
1. portmap: 192.168.1.0/24
 2. portmap: example.com
 3. portmap: *.example.com
 4. portmap: ALL/DENY 192.168.1.0/24
19. 19. Which option to smbstatus displays a list of locks?
1. -l
 2. -L
 3. -o
 4. -m
20. 20. Which of the following commands creates a new user in the Samba password database?
1. passwd -samba
 2. smbpasswd -a
 3. smbpass
 4. smbuser -c
21. 21. Which option, defined within a share in the Samba configuration file, specifies whether users browsing for network shares will be able to see the share?
1. browsable
 2. shareconnect
 3. sharepoint
 4. browseenable
22. 22. Which of the samba-tool commands is used to verify the local Active Directory database to ensure that it is error free?
1. dbverify
 2. dblist
 3. verifydb
 4. dbcheck
23. 23. Within which section of the Samba configuration file is the log file specified?
1. [server]
 2. [logging]
 3. [global]
 4. [debug]
24. 24. Which of the following commands can be used to verify the syntax of the Samba configuration file?
1. testsmb
 2. smbtest
 3. testparm
 4. smbver

25. 25. Which of the following commands exports all filesystems in `/etc/exports` by reloading the file to do so?
1. `export -a`
 2. `exportfs -ra`
 3. `exportnfs -a`
 4. `exportnfs -r`
26. 26. Which option to `smbclient` enables specification of the order in which names are resolved?
1. `-R`
 2. `-r`
 3. `-d`
 4. `-o`
27. 27. Which option to `mountd` logs all successful requests?
1. `-n`
 2. `-b`
 3. `-l`
 4. `-r`
28. 28. Which option within a Samba share configures whether the share will allow read-write access?
1. `read write`
 2. `read only`
 3. `read/write`
 4. `read-write`
29. 29. On which port(s) does `smbd` listen by default?
1. 139
 2. 443
 3. 139 and 445
 4. 161 and 162
30. 30. Which option within `/etc/exports` prevents remote root users from having root privileges on the filesystem shared by the NFS server?
1. `no_root`
 2. `deny_root`
 3. `root_squash`
 4. `disallow_root`
31. 31. Which of the following commands shows the Windows-to-Linux group mappings?
1. `groupmap list`
 2. `net groupmap list`
 3. `netgroup list`
 4. `net list groupmapping`
32. 32. Which option to `rpcinfo` shows the current port mappings?
1. `-p`
 2. `-c`
 3. `-m`
 4. `-f`
33. 33. Which of the following options to the `smbpasswd` command deletes the specified user?

1. -d
2. -x
3. -o
4. -e

34. 34. Which of the following commands lists the shares available on a host called `fs.example.com`?

1. `smblist`
2. `smbshares -list`
3. `smbclient -L`
4. `smbshare -L`

35. 35. Which of the following log file directives creates a separate log file for each share?

1. `log file = <share>.log`
2. `log file = %<share>.log`
3. `log file = %$.log`
4. `log file = [share].log`

36. 36. Which of the following commands can be used to test the status of Windows NetBIOS-related name services and browsing?

1. `mblookup`
2. `adlookup`
3. `browserl`
4. `nmblookup`

37. 37. Which of the following commands stops sharing all NFS file shares?

1. `nfs stop -a`
2. `nfs-stopshare`
3. `stopnfs -a`
4. `exportfs -ua`



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