



Actual exam question from LPI's 202-450

Question #: 1

Topic #: 1

[\[All 202-450 Questions\]](#)

On a Linux router, packet forwarding for IPv4 has been enabled. After a reboot, the machine no longer forwards IP packets from other hosts. The command: `echo 1 > /proc/sys/net/ipv4/ip_forward` temporarily resolves this issue.

Which one of the following options is the best way to ensure this setting is saved across system restarts?

- A. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to the root user login script
- B. Add `echo 1 > /proc/sys/net/ipv4/ip_forward` to any user login script
- C. In `/etc/sysctl.conf` change `net.ipv4.ip_forward` to 1
- D. In `/etc/rc.local` add `net.ipv4.ip_forward = 1`
- E. In `/etc/sysconfig/iptables-config` add `ipv4.ip_forward = 1`

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 2

Topic #: 1

[\[All 202-450 Questions\]](#)

What information can be found in the file specified by the status parameter in an OpenVPN server configuration file? (Choose two.)

- A. Errors and warnings generated by the openvpn daemon
- B. Routing information
- C. Statistical information regarding the currently running openvpn daemon
- D. A list of currently connected clients
- E. A history of all clients who have connected at some point

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 3

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following lines in the sshd configuration file should, if present, be changed in order to increase the security of the server? (Choose two.)

- A. Protocol 2, 1
- B. PermitEmptyPasswords no
- C. Port 22
- D. PermitRootLogin yes
- E. IgnoreRhosts yes

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 4

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following nmap parameters scans a target for open TCP ports? (Choose two.)

- A. -sO
- B. -sZ
- C. -sT
- D. -sU
- E. -sS

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Actual exam question from LPI's 202-450

Question #: 5

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the statements below are correct regarding the following commands, which are executed on a Linux router? (Choose two.)

```
iptables -A FORWARD -s fe80::/64 -j DROP
```

```
iptables -A FORWARD -d fe80::/64 -j DROP
```

- A. Packets with source or destination addresses from fe80::/64 will never occur in the FORWARD chain
- B. The rules disable packet forwarding because network nodes always use addresses from fe80::/64 to identify routers in their routing tables
- C. iptables returns an error for the second command because the affected network is already part of another rule
- D. Both iptables commands complete without an error message or warning
- E. The rules suppress any automatic configuration through router advertisements or DHCPv6

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Actual exam question from LPI's 202-450

Question #: 6

Topic #: 1

[\[All 202-450 Questions\]](#)

What option in the client configuration file would tell OpenVPN to use a dynamic source port when making a connection to a peer?

- A. src-port
- B. remote
- C. source-port
- D. nobind
- E. dynamic-bind

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Actual exam question from LPI's 202-450

Question #: 7

Topic #: 1

[\[All 202-450 Questions\]](#)

Which Linux user is used by vsftpd to perform file system operations for anonymous FTP users?

- A. The Linux user which runs the vsftpd process
- B. The Linux user that owns the root FTP directory served by vsftpd
- C. The Linux user with the same user name that was used to anonymously log into the FTP server
- D. The Linux user root, but vsftpd grants access to anonymous users only to globally read-/writeable files
- E. The Linux user specified in the configuration option ftp_username

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 8

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following sshd configuration should be set to no in order to fully disable password based logins? (Choose two.)

- A. PAMAuthentication
- B. ChallengeResponseAuthentication
- C. PermitPlaintextLogin
- D. UsePasswords
- E. PasswordAuthentication

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 9

Topic #: 1

[\[All 202-450 Questions\]](#)

When the default policy for the netfilter INPUT chain is set to DROP, why should a rule allowing traffic to localhost exist?

- A. All traffic to localhost must always be allowed
- B. It doesn't matter; netfilter never affects packets addressed to localhost
- C. Some applications use the localhost interface to communicate with other applications
- D. syslogd receives messages on localhost
- E. The iptables command communicates with the netfilter management daemon netfilterd on localhost to create and change packet filter rules

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 10

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

What command creates a SSH key pair? (Specify ONLY the command without any path or parameters)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 11

Topic #: 1

[\[All 202-450 Questions\]](#)

The content of which local file has to be transmitted to a remote SSH server in order to be able to log into the remote server using SSH keys?

- A. ~/.ssh/authorized_keys
- B. ~/.ssh/config
- C. ~/.ssh/id_rsa.pub
- D. ~/.ssh/id_rsa
- E. ~/.ssh/known_hosts

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 12

Topic #: 1

[\[All 202-450 Questions\]](#)

What is the name of the network security scanner project which, at the core, is a server with a set of network vulnerability tests?

- A. NetMap
- B. OpenVAS
- C. Smartscan
- D. Wireshark

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 13

Topic #: 1

[\[All 202-450 Questions\]](#)

With fail2ban, what is a "jail"?

- A. A netfilter rules chain blocking offending IP addresses for a particular service
- B. A group of services on the server which should be monitored for similar attack patterns in the log files
- C. A filter definition and a set of one or more actions to take when the filter is matched
- D. The chroot environment in which fail2ban runs

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 14

Topic #: 1

[\[All 202-450 Questions\]](#)

The program vsftpd, running in a chroot jail, gives the following error:

```
/bin/vsftpd: error while loading shared libraries: libc.so.6:  
cannot open shared object file: No such file or directory.
```

Which of the following actions would fix the error?

- A. The file /etc/ld.so.conf in the root filesystem must contain the path to the appropriate lib directory in the chroot jail
- B. Create a symbolic link that points to the required library outside the chroot jail
- C. Copy the required library to the appropriate lib directory in the chroot jail
- D. Run the program using the command chroot and the option--static_libs

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 15

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following Samba configuration parameters is functionally identical to the parameter read only=yes?

- A. browseable=no
- B. read write=no
- C. writeable=no
- D. write only=no
- E. write access=no

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 16

Topic #: 1

[\[All 202-450 Questions\]](#)

How must Samba be configured such that it can check CIFS passwords against those found in `/etc/passwd` and `/etc/shadow`?

- A. Set the parameters "encrypt passwords = yes" and "password file = `/etc/passwd`"
- B. Set the parameters "encrypt passwords = yes", "password file = `/etc/passwd`" and "password algorithm = crypt"
- C. Delete the `smbpasswd` file and create a symbolic link to the `passwd` and `shadow` file
- D. It is not possible for Samba to use `/etc/passwd` and `/etc/shadow` directly
- E. Run `smbpasswd` to convert `/etc/passwd` and `/etc/shadow` to a Samba password file

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 17

Topic #: 1

[\[All 202-450 Questions\]](#)

In which CIFS share must printer drivers be placed to allow Point'n'Print driver deployment on Windows?

- A. winx64drv\$
- B. print\$
- C. The name of the share is specified in the option print driver share within each printable share in smb.conf
- D. pnpdrivers\$
- E. NETLOGON

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 18

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following Samba services handles the membership of a file server in an Active Directory domain?

- A. winbindd
- B. nmbd
- C. msadd
- D. admemb
- E. samba

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 19

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following statements is true regarding the NFSv4 pseudo file system on the NFS server?

- A. It must be called /exports
- B. It usually contains bind mounts of the directory trees to be exported
- C. It must be a dedicated partition on the server
- D. It is defined in the option Nfsv4-Root in /etc/pathmapd.conf
- E. It usually contains symlinks to the directory trees to be exported

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 20

Topic #: 1

[\[All 202-450 Questions\]](#)

A user requests a "hidden" Samba share, named confidential, similar to the Windows Administration Share. How can this be configured?

A.

```
[confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

B.

```
[$confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

C.

```
[#confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

D.

```
[%confidential]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

E.

```
[confidential$]
comment = hidden share
path = /srv/smb/hidden
write list = user
create mask = 0700
directory mask = 0700
```

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 21

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following options are valid in /etc/exports? (Choose two.)

- A. rw
- B. ro
- C. rootsquash
- D. norootsquash
- E. uid

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 22

Topic #: 1

[\[All 202-450 Questions\]](#)

Which command is used to configure which file systems a NFS server makes available to clients?

- A. exportfs
- B. mkfs.nfs
- C. mount
- D. nfsservct1
- E. telinit

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 23

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of these tools, without any options, provides the most information when performing DNS queries?

- A. dig
- B. nslookup
- C. host
- D. named-checkconf
- E. named-checkzone

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 24

Topic #: 1

[\[All 202-450 Questions\]](#)

Performing a DNS lookup with dig results in this answer:

```
;; QUESTION SECTION:
5.123.168.192.in-addr.arpa.      IN      PTR

;; ANSWER SECTION:
5.123.168.192.in-addr.arpa. 600     IN      PTR  linuxerv.example.net.123.168.192.in-addr.arpa.

;; AUTHORITY SECTION:
123.168.192.in-addr.arpa. 600     IN      NS     linuxerv.example.net.

;; ADDITIONAL SECTION:
linuxerv.example.net. 600     IN      A      192.168.123.5
```

- A. There is no . after linuxerv.example.net in the PTR record in the forward lookup zone file
- B. There is no . after linuxerv in the PTR record in the forward lookup zone file
- C. There is no . after linuxerv.example.net in the PTR record in the reverse lookup zone file
- D. The . in the NS definition in the reverse lookup zone has to be removed

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 25

Topic #: 1

[\[All 202-450 Questions\]](#)

What option for BIND is required in the global options to disable recursive queries on the DNS server by default?

- A. allow-recursive-query (none;);
- B. allow-recursive-query off;
- C. recursion { disabled; };
- D. recursion { none; };
- E. recursion no;

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 26

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following DNS records could be a glue record?

- A. ns1.lab A 198.51.100.53
- B. lab NS 198.51.100.53
- C. ns1.lab NS 198.51.100.53
- D. ns1. A 198.51.100.53
- E. ns1.lab GLUE 198.51.100.53

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 27

Topic #: 1

[\[All 202-450 Questions\]](#)

What is DNSSEC used for?

- A. Encrypted DNS queries between nameservers
- B. Cryptographic authentication of DNS zones
- C. Secondary DNS queries for local zones
- D. Authentication of the user that initiated the DNS query
- E. Encrypting DNS queries and answers

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 28

Topic #: 1

[\[All 202-450 Questions\]](#)

What word is missing from the following excerpt of a named.conf file?

```
_____ friends {  
    10.10.0.0/24; 192.168.1.0/24;  
};  
options {  
    allow-query { friends; };  
};
```

- A. networks
- B. net
- C. list
- D. acl
- E. group

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 29

Topic #: 1

[\[All 202-450 Questions\]](#)

In a BIND zone file, what does the @ character indicate?

- A. It's the fully qualified host name of the DNS server
- B. It's an alias for the e-mail address of the zone master
- C. It's the name of the zone as defined in the zone statement in named.conf
- D. It's used to create an alias between two CNAME entries

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 30

Topic #: 1

[\[All 202-450 Questions\]](#)

Which BIND option should be used to limit the IP addresses from which slave name servers may connect?

- A. allow-zone-transfer
- B. allow-transfer
- C. allow-secondary
- D. allow-slaves
- E. allow-queries

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 31

Topic #: 1

[\[All 202-450 Questions\]](#)

In order to protect a directory on an Apache HTTPD web server with a password, this configuration was added to an .htaccess file in the respective directory:

```
AuthType Basic
AuthName "Protected Directory"
AuthUserFile /var/www/dir/ .htpasswd
Require valid-user
```

Furthermore, a file /var/www/dir/ .htpasswd was created with the following content: usera:S3cr3t

Given that all these files were correctly processed by the web server processes, which of the following statements is true about requests to the directory?

- A. The user usera can access the site using the password s3cr3t
- B. Accessing the directory as usera raises HTTP error code 442 (User Not Existent)
- C. Requests are answered with HTTP error code 500 (Internal Server Error)
- D. The browser prompts the visitor for a username and password but logins for usera do not seem to work
- E. The web server delivers the content of the directory without requesting authentication

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 32

Topic #: 1

[\[All 202-450 Questions\]](#)

Which Apache HTTPD directive enables HTTPS protocol support?

- A. HTTPSEngine on
- B. SSLEngine on
- C. SSLEnable on
- D. HTTPSEnable on
- E. StartTLS on

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 33

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

What configuration directive of the Apache HTTPD server defines where log files are stored? (Specify ONE of the directives without any other options.)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 34

Topic #: 1

[\[All 202-450 Questions\]](#)

Which statements about the Alias and Redirect directives in Apache HTTPD's configuration file are true? (Choose two.)

- A. Alias can only reference files under DocumentRoot
- B. Redirect works with regular expressions
- C. Redirect is handled on the client side
- D. Alias is handled on the server side
- E. Alias is not a valid configuration directive

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 35

Topic #: 1

[\[All 202-450 Questions\]](#)

Which http_access directive for Squid allows users in the ACL named sales_net to only access the Internet at times specified in the time_acl named sales_time?

- A. http_access deny sales_time sales_net
- B. http_access allow sales_net sales_time
- C. http_access allow sales_net and sales-time
- D. allow http_access sales_net sales_time
- E. http_access sales_net sales_time

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 36

Topic #: 1

[\[All 202-450 Questions\]](#)

Which global option in squid.conf sets the port number or numbers that Squid will use to listen for client requests?

- A. port
- B. client_port
- C. http_port
- D. server_port
- E. squid_port

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 37

Topic #: 1

[\[All 202-450 Questions\]](#)

When using mod_authz_core, which of the following strings can be used as an argument to Require in an Apache HTTPD configuration file to specify the authentication provider? (Choose three.)

- A. method
- B. all
- C. regex
- D. header
- E. expr

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 38

Topic #: 1

[\[All 202-450 Questions\]](#)

Which tool creates a Certificate Signing Request (CSR) for serving HTTPS with Apache HTTPD?

- A. apachect1
- B. certgen
- C. cartool
- D. httpsgen
- E. openssl

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 39

Topic #: 1

[\[All 202-450 Questions\]](#)

In response to a certificate signing request, a certification authority sent a web server certificate along with the certificate of an intermediate certification authority that signed the web server certificate.

What should be done with the intermediate certificate in order to use the web server certificate with Apache HTTPD?

- A. The intermediate certificate should be merged with the web server's certificate into one file that is specified in SSLCertificateFile
- B. The intermediate certificate should be used to verify the certificate before its deployment on the web server and can be deleted
- C. The intermediate certificate should be stored in its own file which is referenced in SSLCaCertificateFile
- D. The intermediate certificate should be imported into the certificate store of the web browser used to test the correct operation of the web server
- E. The intermediate certificate should be archived and resent to the certification authority in order to request a renewal of the certificate

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 40

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

Which directive in a Nginx server configuration block defines the TCP ports on which the virtual host will be available, and which protocols it will use? (Specify ONLY the option name without any values.)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 41

Topic #: 1

[\[All 202-450 Questions\]](#)

When trying to reverse proxy a web server through Nginx, what keyword is missing from the following configuration sample?

```
location / {  
    _____ http://proxiedserver:8080;  
}
```

- A. remote_proxy
- B. reverse_proxy
- C. proxy_reverse
- D. proxy_pass
- E. forward_to

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 42

Topic #: 1

[\[All 202-450 Questions\]](#)

If there is no access directive, what is the default setting for OpenLDAP?

A.

```
access to *
```

```
    by *          read
```

B.

```
access to *
```

```
    by anonymous  none
```

```
    by *          read
```

C.

```
access to *
```

```
    by anonymous  auth
```

```
    by *          read
```

D.

```
access to *
```

```
    by anonymous  write
```

```
    by *          read
```

Show Suggested Answer

Actual exam question from LPI's 202-450

Question #: 43

Topic #: 1

[\[All 202-450 Questions\]](#)

A host, called lpi, with the MAC address 08:00:2b:4c:59:23 should always be given the IP address of 192.168.1.2 by a DHCP server running ISC DHCPD.

Which of the following configurations will achieve this?

A.

```
host lpi {  
    hardware-ethernet 08:00:2b:4c:59:23;  
    fixed-address 192.168.1.2;  
}
```

B.

```
host lpi {  
    mac=08:00:2b:4c:59:23;  
    ip=192.168.1.2;  
}
```

C. host lpi = 08:00:2b:4c:59:23 192.168.1.2

D.

```
host lpi {  
    hardware ethernet 08:00:2b:4c:59:23;  
    fixed-address 192.168.1.2;  
}
```

E.

```
host lpi {  
    hardware-address 08:00:2b:4c:59:23;  
    fixed-ip 192.168.1.2;  
}
```

Show Suggested Answer

Actual exam question from LPI's 202-450

Question #: 44

Topic #: 1

[\[All 202-450 Questions\]](#)

How is the LDAP administrator account configured when the rootdn and rootpw directives are not present in the slapd.conf file?

- A. The default account admin with the password admin are used
- B. The account is defined by an ACL in slapd.conf
- C. The default account admin is used without a password
- D. The account is defined in the file /etc/ldap.secret
- E. The account is defined in the file /etc/ldap.root.conf

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 45

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following PAM modules allows the system administrator to use an arbitrary file containing a list of user and group names with restrictions on the system resources available to them?

- A. pam_filter
- B. pam_limits
- C. pam_listfile
- D. pam_unix

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 46

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

According to this LDIF excerpt, which organizational unit is Robert Smith part of? (Specify only the organizational unit.)

```
dn: cn=Robert Smith, ou=people, dc=example, dc=com
objectclass: inetOrgPerson
cn: Robert Smith
cn: Robert J Smith
cn: bob smith
sn: smith
uid: rjsmith
userpassword: rJsmith
carlicense: HISCAR 123
homephone: 555-111-2222
mail: r.smith@example.com
mail: rsmith@example.com
mail: bob.smith@example.com
description: swell guy
```

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 47

Topic #: 1

[\[All 202-450 Questions\]](#)

In a PAM configuration file, which of the following is true about the required control flag?

- A. If the module returns success, no more modules of the same type will be invoked
- B. The success of the module is needed for the module-type facility to succeed. If it returns a failure, control is returned to the calling application
- C. The success of the module is needed for the module-type facility to succeed. However, all remaining modules of the same type will be invoked
- D. The module is not critical and whether it returns success or failure is not important
- E. If the module returns failure, no more modules of the same type will be invoked

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 48

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

What is the name of the root element of the LDAP tree holding the configuration of an OpenLDAP server that is using directory based configuration? (Specify ONLY the element's name without any additional information.)

[Show Suggested Answer](#)



Actual exam question from LPI's 202-450

Question #: 49

Topic #: 1

[\[All 202-450 Questions\]](#)

How are PAM modules organized and stored?

- A. As plain text files in `/etc/security/`
- B. As statically linked binaries in `/etc/pam.d/bin/`
- C. As Linux kernel modules within the respective sub directory of `/lib/modules/`
- D. As shared object files within the `/lib/` directory hierarchy
- E. As dynamically linked binaries in `/usr/lib/pam/sbin/`

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 50

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following statements in the ISC DHCPD configuration is used to specify whether or not an address pool can be used by nodes which have a corresponding host section in the configuration?

- A. identified-nodes
- B. unconfigured-hosts
- C. missing-peers
- D. unmatched-hwaddr
- E. unknown-clients

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 51

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

In order to specify alterations to an LDAP entry, what keyword is missing from the following LDIF file excerpt?

```
dn: cn=Some Person, dc=example, dc=com
```

```
changetype: _____
```

```
...
```

Specify the keyword only and no other information.

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 52

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

Which OpenLDAP client command can be used to change the password for an LDAP entry? (Specify ONLY the command without any path or parameters.)

[Show Suggested Answer](#)



Actual exam question from LPI's 202-450

Question #: 53

Topic #: 1

[\[All 202-450 Questions\]](#)

A company is transitioning to a new DNS domain name and wants to accept e-mail for both domains for all of its users on a Postfix server. Which configuration option should be updated to accomplish this?

- A. mydomain
- B. mylocations
- C. mydestination
- D. myhosts
- E. mydomains

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 54

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

What is the path to the global Postfix configuration file? (Specify the full name of the file, including path.)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 55

Topic #: 1

[\[All 202-450 Questions\]](#)

When are Sieve filters usually applied to an email?

- A. When the email is delivered to a mailbox
- B. When the email is relayed by an SMTP server
- C. When the email is received by an SMTP smarthost
- D. When the email is sent to the first server by an MUA
- E. When the email is retrieved by an MUA

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 56

Topic #: 1

[\[All 202-450 Questions\]](#)

It has been discovered that the company mail server is configured as an open relay. Which of the following actions would help prevent the mail server from being used as an open relay while maintaining the possibility to receive company mails? (Choose two.)

- A. Restrict Postfix to only accept e-mail for domains hosted on this server
- B. Configure Dovecot to support IMAP connectivity
- C. Configure netfilter to not permit port 25 traffic on the public network
- D. Restrict Postfix to only relay outbound SMTP from the internal network
- E. Upgrade the mailbox format from mbox to maildir

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 57

Topic #: 1

[\[All 202-450 Questions\]](#)

After the installation of Dovecot, it is observed that the dovecot processes are shown in ps ax like this:

```
31248 ?      S      0:00 dovecot/imap
31253 ?      S      0:00 dovecot/imap-login
```

In order to associate the processes with users and peers, the username, IP address of the peer and the connection status, which of the following options must be set?

- A. `--with-linux-extprocnames` for `./configure` when building Dovecot
- B. `sys.ps.allow_descriptions = 1` in `sysctl.conf` or `/proc`
- C. `proc.all.show_status = 1` in `sysctl.conf` or `/proc`
- D. `verbose_proctitle = yes` in the Dovecot configuration
- E. `process_format = "%u %l %s"` in the Dovecot configuration

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 58

Topic #: 1

[\[All 202-450 Questions\]](#)

Which Postfix command can be used to rebuild all of the alias database files with a single invocation and without the need for any command line arguments?

- A. makealiases
- B. newaliases
- C. postalias
- D. postmapbuild

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 59

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

Which action in a Sieve filter forwards a message to another email address without changing the message? (Specify ONLY the action's name without any parameters.)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 60

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following authentication mechanisms are supported by Dovecot? (Choose three.)

- A. ldap
- B. digest-md5
- C. cram-md5
- D. plain
- E. krb5

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 61

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following services belongs to NFSv4 and does not exist in NFSv3?

- A. rpc.idmapd
- B. rpc.statd
- C. nfsd
- D. rpc.mountd

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 62

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following actions synchronizes UNIX passwords with the Samba passwords when the encrypted Samba password is changed using smbpasswd?

- A. There are no actions to accomplish this since is not possible.
- B. Run netvamp regularly, to convert the passwords.
- C. Run winbind ""sync, to synchronize the passwords.
- D. Add unix password sync = yes to smb.conf
- E. Add smb unix password = sync to smb.conf

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 63

Topic #: 1

[\[All 202-450 Questions\]](#)

In order to join a file server to the Active Directory domain `intra.example.com`, the following `smb.conf` has been created:

```
[global]
```

```
workgroup = intra.example.com
netbios name = Fileserver
server role = member server
idmap config * : backend = tdb
idmap config * : range = 10000-199999
winbind enum users = yes
winbind enum group = yes
```

The command `net ads join` raises an error and the server is not joined to the domain. What should be done to successfully join the domain?

- A. Change server role to `ad member server` to join an Active Directory domain instead of an NT4 domain.
- B. Add `realm = intra.example.com` to the `smb.conf` and change `workgroup` to the domain's netbios workgroup name.
- C. Manually create a machine account in the Active Directory domain and specify the machine account's name with `"U` when starting `net ads join`.
- D. Remove the `winbind enum users` and `winbind enum groups` since `winbind` is incompatible with Active Directory domains.
- E. Remove all `idmap` configuration stanzas since the id mapping is defined globally in an Active Directory domain and cannot be changed on a member server.

Show Suggested Answer

Actual exam question from LPI's 202-450

Question #: 64

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

In order to export /usr and /bin via NFSv4, /exports was created and contains working bind mounts to /usr and /bin. The following lines are added to /etc/exports on the NFS server:

```
/exports    192.0.1.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)
/exports/usr 192.0.2.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)
/exports/bin 192.0.2.0/24 (rw, sync, fsid=0, crossmnt, no_subtree_check)
```

After running -

```
mount -t nfsv4 server:/ /mnt
```

of an NFS-Client, it is observed that /mnt contains the content of the server's /usr directory instead of the content of the NFSv4 root folder.

Which option in /etc/exports has to be changed or removed in order to make the NFSv4 root folder appear when mounting the highest level of the server?

(Specify ONLY the option name without any values or parameters.)

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 65

Topic #: 1

[\[All 202-450 Questions\]](#)

What does the samba-tool testparm command confirm regarding the Samba configuration?

- A. The configuration loads successfully.
- B. The service operates as expected.
- C. The Samba services are started automatically when the system boots.
- D. The netfilter configuration on the Samba server does not block any access to the services defined in the configuration.
- E. All running Samba processes use the most recent configuration version.

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 66

Topic #: 1

[\[All 202-450 Questions\]](#)

Select the Samba option below that should be used if the main intention is to setup a guest printer service?

- A. security = cups
- B. security = ldap
- C. security = pam
- D. security = share
- E. security = printing

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 67

Topic #: 1

[\[All 202-450 Questions\]](#)

The Samba configuration file contains the following lines:

```
host allow = 192.168.1.100 192.168.2.0/255.255.255.0 local host
host deny = 192.168.2.31
interfaces = 192.168.1.0/255.255.255.0 192.168.2.0/255.255.255.0
```

A workstation is on the wired network with an IP address of 192.168.1.177 but is unable to access the Samba server. A wireless laptop with an IP address 192.168.2.93 can access the Samba server. Additional trouble shooting shows that almost every machine on the wired network is unable to access the Samba server. Which alternate host allow declaration will permit wired workstations to connect to the Samba server without denying access to anyone else?

- A. host allow = 192.168.1.1-255
- B. host allow = 192.168.1.100 192.168.2.200 localhost
- C. host deny = 192.168.1.100/255.255.255.0 192.168.2.31 localhost
- D. host deny = 192.168.2.200/255.255.255.0 192.168.2.31 localhost
- E. host allow = 192.168.1.0/255.255.255.0 192.168.2.0/255.255.255.0 localhost

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 68

Topic #: 1

[\[All 202-450 Questions\]](#)

FILL BLANK -

What command displays NFC kernel statistics? (Specify ONLY the command without any path or parameters.)

[Show Suggested Answer](#)





Actual exam question from LPI's 202-450

Question #: 69

Topic #: 1

[\[All 202-450 Questions\]](#)

Which keyword is used in the Squid configuration to define networks and times used to limit access to the service?

- A. acl
- B. allow
- C. http_allow
- D. permit

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 70

Topic #: 1

[\[All 202-450 Questions\]](#)

The following Apache HTTPD configuration has been set up to create a virtual host available at `www.example.com` and `www2.example.com`:

```
<VirtualHost *:80>
```

```
    ServerName www.example.com
```

```
    ServerName www2.example.com
```

```
    ServerAdmin webmaster@example.com
```

```
    DocumentRoot /var/www/
```

```
    <Directory /srv/www/>
```

```
        Require all granted
```

```
    </Directory>
```

```
</VirtualHost>
```

Even though Apache HTTPD correctly processed the configuration file, requests to both names are not handled correctly. What should be changed in order to ensure correct operations?

- A. The configuration must be split into two VirtualHost sections since each virtual host may only have one name.
- B. The port mentioned in opening VirtualHost tag has to be appended to the ServerName declaration's values.
- C. Both virtual host names have to be placed as comma separated values in one ServerName declaration.
- D. Both virtual host names have to be mentioned in the opening VirtualHost tag.
- E. Only one Server name declaration may exist, but additional names can be declared in ServerAlias options.

Show Suggested Answer



Actual exam question from LPI's 202-450

Question #: 71

Topic #: 1

[\[All 202-450 Questions\]](#)

Given the following Squid configuration excerpt:

```
cache_dir ufs /var/spool/squid3/ 1024 16 256
```

Which of the following directories will exist directly within the directory:

/var/spool/squid3/? (Choose two.)

A. 0F

B. A0

C. 0b

D. FF

E. 00

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 72

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following statements are true regarding Server Name Indication (SNI)? (Choose two.)

- A. It supports transparent failover of TLS sessions from one web server to another.
- B. It allows multiple SSL/TLS secured virtual HTTP hosts to coexist on the same IP address.
- C. It enables HTTP servers to update the DNS of their virtual hosts' names using the X 509 certificates of the virtual hosts.
- D. It provides a list of available virtual hosts to the client during the TLS handshake.
- E. It submits the host name of the requested URL during the TLS handshake.

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 73

Topic #: 1

[\[All 202-450 Questions\]](#)

Which Apache HTTPD configuration directive specifies the RSA private key that was used in the generation of the SSL certificate for the server?

- A. SSLCertificateKeyFile
- B. SSLKeyFile
- C. SSLPrivateKeyFile
- D. SSLRSAKeyFile

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 74

Topic #: 1

[\[All 202-450 Questions\]](#)

There is a restricted area in a site hosted by Apache HTTPD, which requires users to authenticate against the file `/srv/www/security/sitepasswd`. Which command is used to CHANGE the password of existing users, without losing data, when Basic authentication is being used?

- A. `htpasswd -c /srv/www/security/sitepasswd user`
- B. `htpasswd /srv/www/security/sitepasswd user`
- C. `htpasswd -n /srv/www/security/sitepasswd user`
- D. `htpasswd -D /srv/www/security/sitepasswd user`

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 75

Topic #: 1

[\[All 202-450 Questions\]](#)

Which Apache HTTPD configuration directive is used to specify the method of authentication, e.g. None or Basic?

- A. AuthUser
- B. AllowedAuthUser
- C. AuthType
- D. AllowAuth

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 76

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following are logging directives in Apache HTTPD? (Choose two.)

- A. TransferLog
- B. CustomLog
- C. ErrorLog
- D. ServerLog
- E. VHostLog

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 77

Topic #: 1

[\[All 202-450 Questions\]](#)

Which option within a Nginx server configuration section defines the file system path from which the content of the server is retrieved?

- A. location
- B. htdocs
- C. DocumentRoot
- D. root
- E. base_dir

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 78

Topic #: 1

[\[All 202-450 Questions\]](#)

With Nginx, which of the following directives is used to proxy requests to a FastCGI application?

- A. fastcgi_pass
- B. fastcgi_proxy
- C. proxy_fastcgi
- D. proxy_fastcgi_pass
- E. fastcgi_forward

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 79

Topic #: 1

[\[All 202-450 Questions\]](#)

Which of the following information has to be submitted to a certification authority in order to request a web server certificate?

- A. The web server's private key.
- B. The IP address of the web server.
- C. The list of ciphers supported by the web server.
- D. The web server's SSL configuration file.
- E. The certificate signing request.

Show Suggested Answer





Actual exam question from LPI's 202-450

Question #: 80

Topic #: 1

[\[All 202-450 Questions\]](#)

For what purpose is TCP/IP stack fingerprinting used by nmap?

- A. It is used to determine the remote operating system.
- B. It is used to filter out responses from specific servers.
- C. It is used to identify duplicate responses from the same remote server.
- D. It is used to masquerade the responses of remote servers.
- E. It is used to uniquely identify servers on the network for forensics.

Show Suggested Answer

