

# Easy CramBible Lab



**117-303**

**LPI Level 3 Exam (LPI  
303: Security)**

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**THE TOTAL NUMBER OF QUESTIONS IS 101****QUESTION NO: 1**

An administrator has just configured an OpenVPN client. Upon starting the service, the following message is displayed:

TLS Error: TLS key negotiation failed to occur within 60 seconds

Which of the following statements is true?

- A. The client was unable to establish a network connection with the server.
- B. The client was able to establish a network connection with the server, however TLS key negotiation failed, resulting in a fallback to SSL.
- C. The client was able to establish a network connection with the server, however TLS and SSL security are not enabled.
- D. The client was able to establish a network connection with the server, however TLS key negotiation took longer than 60 seconds, indicating that there may be a problem with network performance.

**Answer: A**

**QUESTION NO: 2**

SELinux has just been installed on a Linux system and the administrator wants to use SELinux in permissive mode in order to audit the various services on the system. What command will switch SELinux into permissive mode?

- A. `setenforce 0`
- B. `/etc/init.d/selinux stop`
- C. `selinux passive`
- D. `/etc/init.d/selinux startpassive`

**Answer: A**

**QUESTION NO: 3**

Which of the following export options, when specified in `/etc/exports`, will tell the server to use the NFSv4

Pseudofilesystem?

- A. fsid=2
- B. fsid=0
- C. fsid=3
- D. fsid=1

**Answer: B**

**QUESTION NO: 4**

Which of the following are common techniques for securing a sendmail server? (Select THREE correct answers)

- A. Maintain user accounts in an LDAP directory.
- B. Enable TLS.
- C. Disable VRFY.
- D. Runsendmail in a chroot'd environment.
- E. Disable USRLKUP.

**Answer: B,C,D**

**QUESTION NO: 5**

What does ntop use for data collection?

- A. Network packets
- B. Log files
- C. Frame relay
- D. SNMP

**Answer: A**

**QUESTION NO: 6 CORRECT TEXT**

An administrator has successfully configured a cryptographic volume for dmccrypt, and has added the following line to /etc/fstab: /dev/mapper/cryptvol /media/crypt auto defaults 0 0 Upon booting the system, the error message

"mount: special device /dev/mapper/cryptvol does not exist" is displayed. What configuration file has the administrator forgotten to edit? (Provide the full path and filename)

Answer: /etc/crypttab

#### QUESTION NO: 7 CORRECT TEXT

What command will remove the dmccrypt mapping named cryptvol? (Provide the command with any options and parameters) Answer: /sbin/cryptsetup remove crypt-vol cryptsetup remove crypt-vol

#### QUESTION NO: 8 CORRECT TEXT

Which LUKS action, when supplied to the cryptsetup command, will initialize a LUKS partition and set the initial key? (Provide only the action name)

Answer: luksFormat

#### QUESTION NO: 9

An administrator has created a mapping with the following command:

cryptsetup luksOpen /dev/sda1 cryptvol and has set three different keys. Which command below will delete the first key?

- A. cryptsetup luksDelKey /dev/sda1 0
- B. cryptsetup luksDelKey /dev/sda1 1
- C. cryptsetup luksDelKey /dev/mapper/cryptvol 1
- D. cryptsetup luksDelKey /dev/mapper/cryptvol 0

Answer: A

#### QUESTION NO: 10 CORRECT TEXT

What command will list basic information about all targets available to cryptmount? (Provide the command with

any options or parameters)

Answer: cryptmount

#### QUESTION NO: 11

Which of the following are valid dmccrypt modes? (Choose THREE correct answers)

- A. XTS
- B. ESSIV
- C. GMR
- D. KWG
- E. LRW

Answer: A,B,E

#### QUESTION NO: 12 CORRECT TEXT

Which directive in the OpenVPN client.conf specifies the remote server and port that the client should connect to? (Provide only the directive, without any options or parameters)

Answer: remote

#### QUESTION NO: 13

You are certain that your kernel has been compiled with ACL support, however, when you try to set an ACL on a file, you get the following output: % setfacl m user:hugh:r afile.txt setfacl: afile.txt: Operation not supported What is the most likely reason for this problem?

- A. There is an error in the command line parameters.
- B. There is no user on the system named hugh.
- C. The partition has not been mounted with theacl option.
- D. The file afile.txt doesn't exist.

Answer: C