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Exam : 202-450

**Title : LPIC-2 Exam 202, Part 2 of
2, version 4.5**

Version : DEMO

1. 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`

Answer: C

2. 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

Answer: B,D

3. 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`

Answer: A,D

4. 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`

Answer: C,E

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

```
ip6tables -A FORWARD -s fe80::/64 -j DROP
```

```
ip6tables -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

Answer: DA