

# 156-215.77 - Check Point Certified Security Administrator – GAiA

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1. What is the officially accepted diagnostic tool for IP Appliance Support?

- A. ipsoinfo
- B. cpinfo
- C. uag-diag
- D. CST

**Answer: D**

2. Which operating systems are supported by a Check Point Security Gateway on an open server? Select MOST complete list.

- A. Check Point GAIa and SecurePlatform, and Microsoft Windows
- B. Check Point GAIa and SecurePlatform, IPSO, Sun Solaris, Microsoft Windows
- C. Check Point GAIa, Microsoft Windows, Red Hat Enterprise Linux, Sun Solaris, IPSO
- D. Sun Solaris, Red Hat Enterprise Linux, Check Point SecurePlatform, IPSO, Microsoft Windows

**Answer: A**

3. What are you required to do before running the command `upgrade_export`?

- A. Run a `cpstop` on the Security Management Server.
- B. Run a `cpstop` on the Security Gateway.
- C. Close all GUI clients.
- D. Run `cpconfig` and set yourself up as a GUI client.

**Answer: C**

4. You are the Security Administrator for MegaCorp. A Check Point firewall is installed and in use on a platform using GAIa. You have trouble configuring the speed and duplex settings of your Ethernet interfaces. Which of the following commands can be used in Expert Mode to configure the speed and duplex settings of an Ethernet interface and will survive a reboot? Give the BEST answer.

- A. `eth_set`
- B. `mii_tool`
- C. `ifconfig -a`
- D. `ethtool`

**Answer: A**

5. You run `cpconfig` to reset SIC on the Security Gateway. After the SIC reset operation is complete, the policy that will be installed is the:

- A. Default filter.
- B. Last policy that was installed.
- C. Standard policy.
- D. Initial policy.

**Answer: D**

6. You are the Security Administrator for ABC-Corp. A Check Point Firewall is installed and in use on SecurePlatform. You are concerned that the system might not be retaining your entries for the interfaces and routing configuration. You would like to verify your entries in the corresponding file(s) on SecurePlatform. Where can you view them? Give the BEST answer.

- A. `/etc/conf/route.C`
- B. `/etc/sysconfig/network-scripts/ifcfg-ethx`
- C. `/etc/sysconfig/netconf.C`
- D. `/etc/sysconfig/network`

**Answer: C**

7. Which of the following is a hash algorithm?

- A. DES
- B. IDEA
- C. MD5
- D. 3DES

**Answer: C**

8. When Jon first installed his new security system, he forgot to configure DNS servers on his Security Gateway. How could Jon configure DNS servers now that his Security Gateway is in production?

- A. Login to the SmartDashboard, edit the firewall Gateway object, select the tab Interfaces > Domain Name Servers.

- B. Login to the firewall using SSH and run cpconfig, then select Domain Name Servers.
- C. Login to the firewall using SSH and run fwm, then select System Configuration > Domain Name Servers.
- D. Login to the firewall using SSH and run sysconfig, then select Domain Name Servers.

**Answer: D**

9. Chris has lost SIC communication with his Security Gateway and he needs to re-establish SIC.

- 1) Create a new activation key on the Security Gateway, then exit `cpconfig`.
- 2) Click the **Communication** tab on the Security Gateway object, then click **Reset**.
- 3) Run the `sysconfig` tool, then select **Secure Internal Communication** to reset.
- 4) Input the new activation key in the Security Gateway object, then click **Initialize**.
- 5) Run the `cpconfig` tool, then select **Secure Internal Communication** to reset.

What would be the correct order of steps needed to perform this task?

- A. 3, 1, 4, 2
- B. 2, 3, 1, 4
- C. 5, 1, 2, 4
- D. 5, 1, 4, 2

**Answer: C**

10. Which of the following tools is used to generate a Security Gateway R77 configuration report?

- A. infoCP
- B. cpinfo
- C. infoview
- D. fw cpinfo

**Answer: B**

11. When launching SmartDashboard, what information is required to log into R77?

- A. User Name, Management Server IP, certificate fingerprint file
- B. User Name, Password, Management Server IP

- C. Password, Management Server IP
- D. Password, Management Server IP, LDAP Server IP

**Answer: B**

12. Which of the following commands can provide the most complete restoration of a R77 configuration?

- A. cpinfo -recover
- B. fwm dbimport -p <export file>
- C. upgrade\_import
- D. cpconfig

**Answer: C**

13. The customer has a small Check Point installation, which includes one SecurePlatform server working as the SmartConsole, and a second server running Windows 2008 as both Security Management Server and Security Gateway. This is an example of a(n):

- A. Distributed Installation
- B. Stand-Alone Installation
- C. Hybrid Installation
- D. Unsupported configuration

**Answer: D**

14. Which SmartConsole component can Administrators use to track changes to the Rule Base?

- A. SmartView Monitor
- B. SmartReporter
- C. WebUI
- D. SmartView Tracker

**Answer: D**

15. Which of the following is a CLI command for Security Gateway R77?

- A. fw merge

- B. fw tab -u
- C. fw shutdown
- D. fwm policy\_print <policyname>

**Answer: B**

16. Your bank's distributed R77 installation has Security Gateways up for renewal. Which SmartConsole application will tell you which Security Gateways have licenses that will expire within the next 30 days?

- A. SmartView Tracker
- B. SmartPortal
- C. SmartUpdate
- D. SmartDashboard

**Answer: C**

17. The INSPECT engine inserts itself into the kernel between which two OSI model layers?

- A. Physical and Data
- B. Session and Transport
- C. Data link and Network
- D. Presentation and Application

**Answer: C**

18. Which component functions as the Internal Certificate Authority for R77?

- A. Security Gateway
- B. Management Server
- C. Policy Server
- D. SmartLSM

**Answer: B**

19. Which command allows you to view the contents of an R77 table?

- A. fw tab -s <tablename>

B. fw tab -t <tablename>

C. fw tab -x <tablename>

D. fw tab -a <tablename>

**Answer: B**

20. Which command enables IP forwarding on IPSO?

A. echo 1 > /proc/sys/net/ipv4/ip\_forward

B. ipsofwd on admin

C. echo 0 > /proc/sys/net/ipv4/ip\_forward

D. clish -c set routing active enable

**Answer: B**

21. Your organization's disaster recovery plan needs an update to the backup and restore section to reap the new distributed R77 installation benefits. Your plan must meet the following required and desired objectives:

Required Objective. The Security Policy repository must be backed up no less frequently than every 24 hours.

Desired Objective. The R77 components that enforce the Security Policies should be backed up at least once a week.

Desired Objective. Back up R77 logs at least once a week.

Your disaster recovery plan is as follows:

-Use the cron utility to run the command upgrade\_export each night on the Security Management Servers.

-Configure the organization's routine back up software to back up the files created by the command upgrade\_export.

-Configure the GAIa back up utility to back up the Security Gateways every Saturday night.

-Use the cron utility to run the command upgrade\_export each Saturday night on the log servers.

-Configure an automatic, nightly logswitch.

-Configure the organization's routine back up software to back up the switched logs every night.

Upon evaluation, your plan:

A. Meets the required objective and only one desired objective.

- B. Meets the required objective but does not meet either desired objective.
- C. Meets the required objective and both desired objectives.
- D. Does not meet the required objective.

**Answer: C**

22. Suppose the Security Gateway hard drive fails and you are forced to rebuild it. You have a snapshot file stored to a TFTP server and backups of your Security Management Server. What is the correct procedure for rebuilding the Gateway quickly?

- A. Run the command revert to restore the snapshot. Reinstall any necessary Check Point products. Establish SIC and install the Policy.
- B. Reinstall the base operating system (i.e., SecurePlatform). Configure the Gateway interface so that the Gateway can communicate with the TFTP server. Revert to the stored snapshot image, and install the Security Policy.
- C. Run the command revert to restore the snapshot, establish SIC, and install the Policy.
- D. Reinstall the base operating system (i.e., SecurePlatform). Configure the Gateway interface so that the Gateway can communicate with the TFTP server. Reinstall any necessary Check Point products and previously applied hotfixes. Revert to the stored snapshot image, and install the Policy.

**Answer: B**

23. Spoofing is a method of:

- A. Disguising an illegal IP address behind an authorized IP address through Port Address Translation.
- B. Making packets appear as if they come from an authorized IP address.
- C. Detecting people using false or wrong authentication logins.
- D. Hiding your firewall from unauthorized users.

**Answer: B**

24. How do you recover communications between your Security Management Server and Security Gateway if you lock yourself out through a rule or policy mis-configuration?

- A. fw delete all.all@localhost
- B. fw unload policy
- C. fwm unloadlocal
- D. fw unloadlocal



**Answer: D**

25. The customer has a small Check Point installation which includes one Windows 7 workstation as the SmartConsole, one GAIa device working as Security Management Server, and a third server running SecurePlatform as Security Gateway. This is an example of a(n):

- A. Unsupported configuration
- B. Stand-Alone Installation
- C. Hybrid Installation
- D. Distributed Installation

**Answer: D**

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