



**Vendor:** Check Point

**Exam Code:** 156-315.81.20

**Exam Name:** Check Point Certified Security Expert - R81.20  
(CCSE)

**Version:** DEMO

#### QUESTION 1

Which member of a high-availability cluster should be upgraded first in a Zero downtime upgrade?

- A. The Standby Member
- B. The Active Member
- C. The Primary Member
- D. The Secondary Member

**Answer: A**

**Explanation:**

During the upgrade procedure, standby members are upgraded first. When upgrade on the final active member begins, the active member fails over to the standby member (or members, depending on the deployment: High Availability or Load Sharing). At this point, since connection tables between cluster members are not synced, all open connections are lost. Only a full connectivity upgrade (between minor versions) preserves open connections.

#### QUESTION 2

Packet acceleration (SecureXL) identifies connections by several attributes. Which of the attributes is NOT used for identifying connection?

- A. Source Address
- B. Destination Address
- C. TCP Acknowledgement Number
- D. Source Port

**Answer: C**

**Explanation:**

Connections are identified by the 5 tuple attributes: source address, destination address, source port, destination port, protocol. When the packets in a connection match all the 5 tuple attributes, the traffic flow can be processed on the accelerated path.

#### QUESTION 3

Which of the following is NOT an attribute of packet acceleration?

- A. Source address
- B. Protocol
- C. Destination port
- D. VLAN tag

**Answer: D**

**Explanation:**

Connections are identified by the 5 tuple attributes: source address, destination address, source port, destination port, protocol. When the packets in a connection match all the 5 tuple attributes, the traffic flow can be processed on the accelerated path.

#### QUESTION 4

CoreXL is NOT supported when one of the following features is enabled: (Choose three)

- A. Route-based VPN
- B. IPS

- C. IPv6
- D. Overlapping NAT

**Answer:** ACD

**Explanation:**

CoreXL does not support Check Point Suite with these features:

Check Point QoS (Quality of Service)

Route-based VPN

IPv6 on IPSO

Overlapping NAT

**QUESTION 5**

Which one of these features is NOT associated with the Check Point URL Filtering and Application Control Blade?

- A. Detects and blocks malware by correlating multiple detection engines before users are affected.
- B. Configure rules to limit the available network bandwidth for specified users or groups.
- C. Use UserCheck to help users understand that certain websites are against the company's security policy.
- D. Make rules to allow or block applications and Internet sites for individual applications, categories, and risk levels.

**Answer:** A

**Explanation:**

[https://sc1.checkpoint.com/documents/R76/CP\\_R76\\_AppControl\\_WebAdmin/60902.htm](https://sc1.checkpoint.com/documents/R76/CP_R76_AppControl_WebAdmin/60902.htm)

**QUESTION 6**

What is a feature that enables VPN connections to successfully maintain a private and secure VPN session without employing Stateful Inspection?

- A. Stateful Mode
- B. VPN Routing Mode
- C. Wire Mode
- D. Stateless Mode

**Answer:** C

**Explanation:**

Wire Mode is a VPN-1 NGX feature that enables VPN connections to successfully fail over, bypassing Security Gateway enforcement. This improves performance and reduces downtime. Based on a trusted source and destination, Wire Mode uses internal interfaces and VPN Communities to maintain a private and secure VPN session, without employing Stateful Inspection. Since Stateful Inspection no longer takes place, dynamic-routing protocols that do not survive state verification in non-Wire Mode configurations can now be deployed. The VPN connection is no different from any other connections along a dedicated wire, thus the meaning of "Wire Mode".

**QUESTION 7**

The Firewall kernel is replicated multiple times, therefore:

- A. The Firewall kernel only touches the packet if the connection is accelerated
- B. The Firewall can run different policies per core

- C. The Firewall kernel is replicated only with new connections and deletes itself once the connection times out
- D. The Firewall can run the same policy on all cores.

**Answer: D**

**Explanation:**

On a Security Gateway with CoreXL enabled, the Firewall kernel is replicated multiple times. Each replicated copy, or instance, runs on one processing core. These instances handle traffic concurrently, and each instance is a complete and independent inspection kernel. When CoreXL is enabled, all the kernel instances in the Security Gateway process traffic through the same interfaces and apply the same security policy.

#### QUESTION 8

An Account Unit is the interface between the \_\_\_\_\_ and the \_\_\_\_\_.

- A. Users, Domain
- B. Gateway, Resources
- C. System, Database
- D. Clients, Server

**Answer: D**

**Explanation:**

When deployed with a SmartDirectory (LDAP) server, the Check Point Security Management (SmartCenter Server) and Security Gateways, function as SmartDirectory (LDAP) clients. An Account Unit is the interface that allows interaction between these entities and the SmartDirectory (LDAP) server(s). Each Account Unit represents one or more branches of the information maintained on the SmartDirectory (LDAP) server.

#### QUESTION 9

Which process is available on any management product and on products that require direct GUI access, such as SmartEvent and provides GUI client communications, database manipulation, policy compilation and Management HA synchronization?

- A. cpwd
- B. fwd
- C. cpd
- D. fwm

**Answer: D**

**Explanation:**

Firewall Management (fwm) is available on any management product, including Multi-Domain and on products that require direct GUI access, such as SmartEvent, It provides the following:

- GUI Client communication
- Database manipulation
- Policy Compilation
- Management HA sync

#### QUESTION 10

Using mgmt\_cli, what is the correct syntax to import a host object called Server\_1 from the CLI?

- A. mgmt\_cli add-host "Server\_1" ip\_address "10.15.123.10" --format txt

- B. `mgmt_cli add host name "Server_1" ip-address "10.15.123.10" --format json`
- C. `mgmt_cli add object-host "Server_1" ip-address "10.15.123.10" --format json`
- D. `mgmt_cli add object "Server-1" ip-address "10.15.123.10" --format json`

**Answer: B**

**Explanation:**

`mgmt_cli add host name "New Host 1" ip-address "192.0.2.1" --format json ?;--format jso";` is optional. By default the output is presented in plain text.

Reference:

<https://sc1.checkpoint.com/documents/latest/APIs/index.html#cli/add-host~v1.1%20>

### QUESTION 11

What is the purpose of Priority Delta in VRRP?

- A. When a box up, Effective Priority = Priority + Priority Delta
- B. When an Interface is up, Effective Priority = Priority + Priority Delta
- C. When an Interface fail, Effective Priority = Priority ?Priority Delta
- D. When a box fail, Effective Priority = Priority ?Priority Delta

**Answer: C**

**Explanation:**

Each instance of VRRP running on a supported interface may monitor the link state of other interfaces.

The monitored interfaces do not have to be running VRRP.

If a monitored interface loses its link state, then VRRP will decrement its priority over a VRID by the specified delta value and then will send out a new VRRP HELLO packet. If the new effective priority is less than the priority a backup platform has, then the backup platform will begin to send out its own HELLO packet.

Once the master sees this packet with a priority greater than its own, then it releases the VIP.

### QUESTION 12

When simulating a problem on ClusterXL cluster with `cphaprob -d STOP -s problem -t 0 register`, to initiate a failover on an active cluster member, what command allows you remove the problematic state?

- A. `cphaprob -d STOP unregister`
- B. `cphaprob STOP unregister`
- C. `cphaprob unregister STOP`
- D. `cphaprob -d unregister STOP`

**Answer: A**

**Explanation:**

esting a failover in a controlled manner using following command; `# cphaprob -d STOP -s problem -t 0 register`

This will register a problem state on the cluster member this was entered on; If you then run; `# cphaprob list`

this will show an entry named STOP.

to remove this problematic register run following;

`# cphaprob -d STOP unregister`

### QUESTION 13

SecureXL improves non-encrypted firewall traffic throughput and encrypted VPN traffic throughput.

- A. This statement is true because SecureXL does improve all traffic.
- B. This statement is false because SecureXL does not improve this traffic but CoreXL does.
- C. This statement is true because SecureXL does improve this traffic.
- D. This statement is false because encrypted traffic cannot be inspected.

**Answer: C**

**Explanation:**

SecureXL improved non-encrypted firewall traffic throughput, and encrypted VPN traffic throughput, by nearly an order-of-magnitude- particularly for small packets flowing in long duration connections.

#### QUESTION 14

Fill in the blank: The R81 utility fw monitor is used to troubleshoot \_\_\_\_\_.

- A. User data base corruption
- B. LDAP conflicts
- C. Traffic issues
- D. Phase two key negotiations

**Answer: C**

**Explanation:**

Check Point's FW Monitor is a powerful built-in tool for capturing network traffic at the packet level. The FW Monitor utility captures network packets at multiple capture points along the FireWall inspection chains. These captured packets can be inspected later using the WireShark

#### QUESTION 15

What SmartEvent component creates events?

- A. Consolidation Policy
- B. Correlation Unit
- C. SmartEvent Policy
- D. SmartEvent GUI

**Answer: B**

**Explanation:**

[https://sc1.checkpoint.com/documents/R76/CP\\_R76\\_SmartEvent\\_AdminGuide/17401.htm](https://sc1.checkpoint.com/documents/R76/CP_R76_SmartEvent_AdminGuide/17401.htm)

#### QUESTION 16

Which command collects diagnostic data for analyzing customer setup remotely?

- A. cpinfo
- B. migrate export
- C. sysinfo
- D. cpview

**Answer: A**

**Explanation:**

CPInfo is an auto-updatable utility that collects diagnostics data on a customer's machine at the time of execution and uploads it to Check Point servers (it replaces the standalone cp\_uploader utility for uploading files to Check Point servers).

The CPInfo output file allows analyzing customer setups from a remote location. Check Point support engineers can open the CPInfo file in a demo mode, while viewing actual customer Security Policies and Objects. This allows the in-depth analysis of customer's configuration and environment settings.

#### QUESTION 17

Which Check Point daemon monitors the other daemons?

- A. fwm
- B. cpd
- C. cpwd
- D. fwssd

**Answer: C**

**Explanation:**

[https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit\\_doGoviewsolutiondetails=&solutionid=sk97638](https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk97638)

#### QUESTION 18

What are the blades of Threat Prevention?

- A. IPS, DLP, AntiVirus, AntiBot, Sandblast Threat Emulation/Extraction
- B. DLP, AntiVirus, QoS, AntiBot, Sandblast Threat Emulation/Extraction
- C. IPS, AntiVirus, AntiBot
- D. IPS, AntiVirus, AntiBot, Sandblast Threat Emulation/Extraction

**Answer: A**

**Explanation:**

<https://www.checkpoint.com/products/next-generation-threat-prevention/>

#### QUESTION 19

What information is NOT collected from a Security Gateway in a Cpinfo?

- A. Firewall logs
- B. Configuration and database files
- C. System message logs
- D. OS and network statistics

**Answer: A**

**Explanation:**

[https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit\\_doGoviewsolutiondetails=&solutionid=sk92739](https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk92739)

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