Checkpoint

Exam 156-115.77

Check Point Certified Security Master

Version: 6.1

[Total Questions: 295]

Topic break down

Topic	No. of Questions
Topic 1: Chain Modules	28
Topic 2: NAT	25
Topic 3: ClusterXL	35
Topic 4: VPN Troubleshooting	27
Topic 5: SecureXL Acceleration debugging	24
Topic 6: Hardware Optimization	33
Topic 7: Software Tuning	16
Topic 8: Enable CoreXL	16
Topic 9: IPS	30
Topic 10: IPV6	15
Topic 11: Advanced VPN	46

Topic 1, Chain Modules

Question No : 1 - (Topic 1)

You are running a debugging session and you have set the debug environment to TDERROR_ALL_ALL=5 using the command export TDERROR_ALL_ALL=5. How do you return the debug value to defaults?

A. fw ctl debug 0x1ffffe0
B. fw debug 0x1ffffe0
C. export TDERROR_ALL_ALL
D. unset TDERROR_ALL_ALL

Answer: D

Question No : 2 - (Topic 1)

The command that lists the firewall kernel modules on a Security Gateway is:

A. fw list kernel modules
B. fw ctl kernel chain
C. fw ctl debug -m
D. fw list modules

Answer: C

Question No : 3 - (Topic 1)

When finished running a debug on the Management Server using the command fw debug fwm on how do you turn this debug off?

A. fwm debug off
B. fw ctl debug off
C. fw debug off
D. fw debug fwm off

Answer: D

Question No : 4 - (Topic 1)

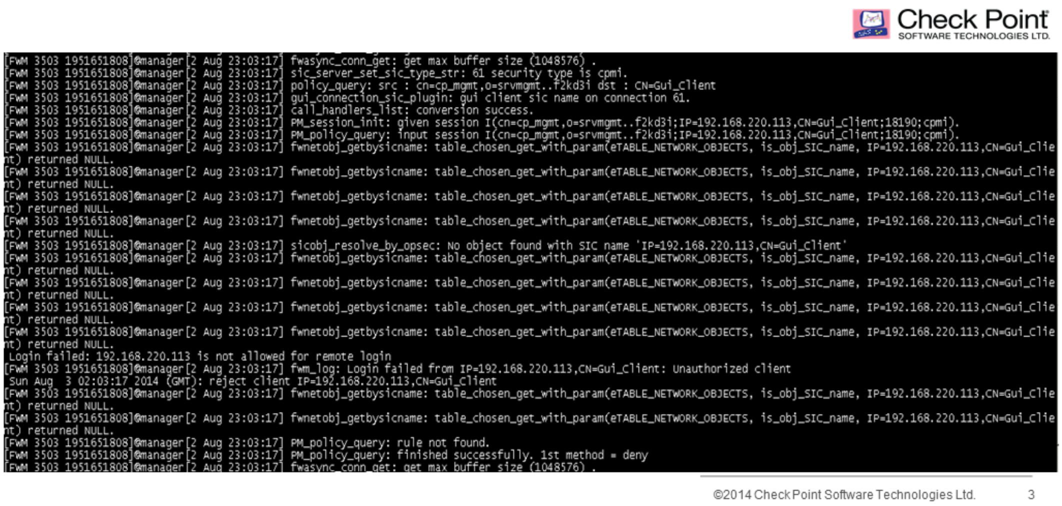
What command would you use to view which debugs are set in your current working environment?

A. “env” and “fw ctl debug”
B. “cat /proc/etc”
C. “fw ctl debug all”
D. “export”

Answer: A

Question No : 5 - (Topic 1)

A fwm debug provides the following output. What prevents the customer from logging into SmartDashboard?



A. There are not any policy to login in SmartDashboard
B. FWM process is crashed and returned null to access
C. User and password are incorrect
D. IP not defined in $FWDIR/conf/gui-clients

Answer: D

Question No : 6 - (Topic 1)

What does the IP Options Strip represent under the fw chain output?

A. IP Options Strip is not a valid fw chain output.

B. The IP Options Strip removes the IP header of the packet prior to be passed to the other kernel functions.
C. The IP Options Strip copies the header details to forward the details for further IPS inspections.
D. IP Options Strip is only used when VPN is involved.

Answer: B

Question No : 7 - (Topic 1)

What command would give you a summary of all the tables available to the firewall kernel?

A. fw tab
B. fw tab -s
C. fw tab -h
D. fw tab -o

Answer: B

Question No : 8 - (Topic 1)

What command would you use for a packet capture on an absolute position for TCP streaming (out) 1ffffe0

A. fw ctl chain -po 1ffffe0 -o monitor.out
B. fw monitor -po -0x1ffffe0 -o monitor.out
C. fw monitor -e 0x1ffffe0 -o monitor.out
D. fw monitor -pr 1ffffe0 -o monitor.out

Answer: B

Question No : 9 - (Topic 1)

The command fw ctl kdebug <params> is used to:

A. list enabled debug parameters.
B. read the kernel debug buffer to obtain debug messages.
C. enable kernel debugging.
D. select specific kernel modules for debugging.

Answer: B

Question No : 10 - (Topic 1)

True or False: Software blades perform their inspection primarily through the kernel chain modules.

A. False. Software blades do not pass through the chain modules.
B. True. Many software blades have their own dedicated kernel chain module for inspection.
C. True. All software blades are inspected by the IP Options chain module.
D. True. Most software blades are inspected by the TCP streaming or Passive Streaming chain module.

Answer: B

Question No : 11 - (Topic 1)

Which of the following items is NOT part of the columns of the chain modules?

A. Inbound/Outbound chain
B. Function Pointer
C. Chain position
D. Module location

Answer: A

Question No : 12 - (Topic 1)

What causes the SIP Early NAT chain module to appear in the chain?

A. The SIP traffic is trying to pass through the firewall.
B. SIP is configured in IPS.
C. A VOIP domain is configured.
D. The default SIP service is used in the Rule Base.

Answer: D

Question No : 13 - (Topic 1)

For URL Filtering in the Cloud in R75 and above, what table is used to contain the URL Filtering cache values?

A. urlf_blade_on_gw
B. urlf_cache_tbl
C. urlf_cache_table
D. url_scheme_tab

Answer: C

Question No : 14 - (Topic 1)

Which process should you debug when SmartDashboard authentication is rejected?

A. fwm
B. cpd
C. fwd
D. DAService

Answer: A

Question No : 15 - (Topic 1)

Compare these two images to establish which blade/feature was disabled on the firewall.

A. IPS
B. VPN
C. NAT
D. L2TP

Answer: B

Question No : 16 - (Topic 1)

John is a Security Administrator of a Check Point platform. He has a mis-configuration issue that points to the Rule Base. To obtain information about the issue, John runs the command:

A. fw debug fw on and checks the file fwm.elg.
B. fw kdebug fwm on and checks the file fwm.elg.
C. fw debug fwm on and checks the file fwm.elg.
D. fw kdebug fwm on and checks the file fw.elg.

Answer: C

Question No : 17 - (Topic 1)

When using the command fw monitor, what command ensures the capture is accurate?

A. export TDERROR_ALL_ALL=5
B. fwaccel off
C. fwaccel on
D. fw accel off

Answer: B
Explanation:

C1O2 - Chain Modules

Question No : 18 - (Topic 1)

When performing a fwm debug, to which directory are the logs written?

A. $FWDIR/log
B. $FWDIR/log/fwm.elg
C. $FWDIR/conf/fwm.elg
D. $CPDIR/log/fwm.elg

Answer: B

Question No : 19 - (Topic 1)

Which commands will properly set the debug level to maximum and then run a policy install in debug mode for the policy Standard on gateway A-GW from an R77 GAiA Management Server?

A. setenv TDERROR_ALL_ALL=5fwm –d load A-GW Standard
B. setenv TDERROR_ALL_ALL=5fwm –d load Standard A-GW
C. export TDERROR_ALL_ALL=5fwm –d load Standard A-GW
D. export TDERROR_ALL_ALL=5fwm –d load A-GW Standard

Answer: C

Question No : 20 - (Topic 1)

The command _____ shows which firewall chain modules are active on a gateway.

A. fw stat
B. fw ctl debug
C. fw ctl chain
D. fw ctl multik stat

Answer: C

Question No : 21 - (Topic 1)

The command fw monitor -p all displays what type of information?

A. It captures all points of the chain as the packet goes through the firewall kernel.
B. This is not a valid command.

C. The -p is used to resolve MAC address in the firewall capture.
D. It does a firewall monitor capture on all interfaces.

Answer: A

Question No : 22 - (Topic 1)

Which directory below contains the URL Filtering engine update info? Here you can also go to see the status of the URL Filtering and Application Control updates.

A. $FWDIR/urlf/update
B. $FWDIR/appi/update
C. $FWDIR/appi/urlf
D. $FWDIR/update/appi

Answer: B

Question No : 23 - (Topic 1)

When you perform an install database, the status window is filled with large amounts of text. What could be the cause?

A. There is an active fw monitor running.
B. There is an environment variable of TDERROR_ALL_ALL set on the gateway.
C. There is an active debug on the SmartConsole.
D. There is an active debug on the FWM process.

Answer: D

Question No : 24 - (Topic 1)

Which of the following BEST describes the command fw ctl chain function?

A. View how CoreXL is distributing traffic among the firewall kernel instances.
B. View established connections in the connections table.
C. View the inbound and outbound kernel modules and the order in which they are applied.
D. Determine if VPN Security Associations are being established.

Answer: C