

Hot 156-587 Spot Questions - 156-587 Valid Exam Dumps

Cotts Exam Checkpoint - 156-587

Question #1

What does CMI stand for in relation to the Access Control Policy?

A. Context Manipulation Interface
B. Context Management Infrastructure
C. Content Management Interface
D. Content Matching Infrastructure

Answer: B

Explanation

CMI stands for Context Management Infrastructure, which is a component of the Access Control Policy that enables the Security Gateway to inspect traffic based on the context of the connection. Context includes information such as user identity, application, location, time, and device. CMI allows the Security Gateway to apply different security rules and actions based on the context of the traffic, and to dynamically update the context as it changes. CMI consists of three main elements: Unified Policy, Identity Awareness, and Context Awareness.

Question #2

Your users have some issues connecting with Mobile Access VPN to your gateway. How can you debug the failed establishment?

A. run vpn debug traceon
B. in the file SVPND00.conf/httpd.conf change the line LogLevel To LogLevel debug and run vpn restart
C. in the file SCVPN00.conf/httpd.conf change the line LogLevel To LogLevel debug and run vpn restart
D. run fwcl debug -n svpvpn all

Answer: C

Question #3

Like a Site-to-Site VPN between two Security Gateways, a Remote Access VPN relies on the Internet Key Exchange (IKE) what types of keys are generated by IKE during negotiation?

A. Produce a symmetric key on both sides
B. Produce an asymmetric key on both sides
C. Symmetric keys based on pre-shared secret

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CheckPoint 156-587 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Advanced Firewall Kernel Debugging: This section of the exam measures the skills of Check Point Network Security Administrators and focuses on kernel-level debugging for firewalls. Candidates will learn how to analyze kernel logs and troubleshoot firewall-related issues at a deeper level.
Topic 2	<ul style="list-style-type: none">Advanced Gateway Troubleshooting: This section of the exam measures the skills of Check Point Network Security Engineers and addresses troubleshooting techniques specific to gateways. It includes methods for diagnosing connectivity issues and optimizing gateway performance.
Topic 3	<ul style="list-style-type: none">Advanced Access Control Troubleshooting: This section of the exam measures the skills of Check Point System Administrators in demonstrating expertise in troubleshooting access control mechanisms. It involves understanding user permissions and resolving authentication issues.

Topic 4	<ul style="list-style-type: none"> Advanced Troubleshooting with Logs and Events: This section of the exam measures the skills of Check Point Security Administrators and covers the analysis of logs and events for troubleshooting. Candidates will learn how to interpret log data to identify issues and security threats effectively.
Topic 5	<ul style="list-style-type: none"> Advanced Identity Awareness Troubleshooting: This section of the exam measures the skills of Check Point Security Consultants and focuses on troubleshooting identity awareness systems.

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CheckPoint Check Point Certified Troubleshooting Expert - R81.20 Sample Questions (Q45-Q50):

NEW QUESTION # 45

Which of these packet processing components stores Rule Base matching state-related information?

- A. Classifiers
- B. Manager
- C. Handlers
- D. Observers**

Answer: D

Explanation:

The Terraform Registry allows any user to publish and share modules. Published modules support versioning, automatically generate documentation, allow browsing version histories, show examples and READMEs, and more. Public modules are managed via Git and GitHub, and publishing a module takes only a few minutes.

Once a module is published, releasing a new version of a module is as simple as pushing a properly formed Git tag1.

References = The information can be verified from the Terraform Registry documentation on Publishing Modules provided by HashiCorp Developer1.

NEW QUESTION # 46

The two procedures available for debugging in the firewall kernel are

- fw ctl zdebug
- fw ctl debug/kdebug

Choose the correct statement explaining the differences in the two

- A. (i) is used to debug only issues related to dropping of traffic, however (ii) can be used for any firewall issue including NATing, clustering etc.
- B. (i) is used on a Security Gateway, whereas (ii) is used on a Security Management Server
- C. (i) is used to debug the access control policy only, however (ii) can be used to debug a unified policy
- D. (i) is used for general debugging, has a small buffer and is a quick way to set kernel debug flags to get an output via command line whereas (ii) is useful when there is a need for detailed debugging and requires additional steps to set the buffer and get an output via command line**

Answer: D

Explanation:

The correct statement explaining the differences between the two procedures for debugging in the firewall kernel is D. (i) is used for general debugging, has a small buffer and is a quick way to set kernel debug flags to get an output via command line whereas (ii) is useful when there is a need for detailed debugging and requires additional steps to set the buffer and get an output via command line.

The command fw ctl zdebug is a shortcut command that sets the kernel debug flags to a predefined value and prints the debug output to

the standard output. It is useful for general debugging of common issues, such as traffic drops, NAT, VPN, or clustering. It has a small buffer size and does not require additional steps to start or stop the debugging. However, it has some limitations, such as it cannot be used with SecureXL, it cannot filter the output by chain modules, and it cannot save the output to a file¹².

The command fw ctl debug is a command that allows the administrator to set the kernel debug flags to a custom value and specify the chain modules to debug. It is useful for detailed debugging of specific issues, such as policy installation, CoreXL, or Identity Awareness. It has a larger buffer size and can save the output to a file. However, it requires additional steps to start and stop the debugging, such as setting the buffer size, clearing the buffer, dumping the buffer, and resetting the debug flags¹².

The command fw ctl kdebug is a command that is used in conjunction with fw ctl debug to dump the kernel debug buffer to the standard output or to a file. It is part of the procedure (ii) for detailed debugging in the firewall kernel¹².

The other statements are not correct or relevant for explaining the differences between the two procedures for debugging in the firewall kernel. The command fw ctl zdebug can be used to debug more than just the access control policy, and the command fw ctl debug/kdebug can be used to debug more than just the unified policy. Both commands can be used on both the Security Gateway and the Security Management Server, depending on the issue to be debugged¹².

Reference:

1:

https://sc1.checkpoint.com/documents/R81.10/WebAdminGuides/EN/CP_R81.10_AdvancedTechnicalReferenceGuide/html_frameset.htm

2: <https://www.checkpoint.com/downloads/training/DOC-Training-Data-Sheet-CCTE-R81.10-V1.0.pdf>

3: https://supportcenter.checkpoint.com/supportcenter/portal?eventSubmit_doGoviewsolutiondetails=&solutionid=sk97638

NEW QUESTION # 47

Your users are having trouble opening a Web page and you need to troubleshoot it. You open the Smart Console, and you get the following message when you navigate to the Logs and Monitor

"SmartLog is not active or Failed to parse results from server". What is the first thing you can try to resolve it?

- A. smartlog_server restart
- **B. Run the commands on the SMS: smartlogstart and smartlogstop**
- C. smartlog debug on and smartlog debug off
- D. cpmstop and cpmstart

Answer: B

NEW QUESTION # 48

You run a free-command on a gateway and notice that the Swap column is not zero. Choose the best answer

- **A. Utilization of ram is high and swap file had to be used**
- B. Swap memory is used for heavy connections when RAM memory is full
- C. Swap file is used regularly because RAM memory is reserved for management traffic
- D. Its ole Swap is used to increase performance

Answer: A

NEW QUESTION # 49

When dealing with monolithic operating systems such as Gaia where are system calls initiated from to achieve a required system level function?

- A. Slow Path
- B. User Mode
- **C. Kernel Mode**
- D. Medium Path

Answer: C

NEW QUESTION # 50

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