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HPE7-A02 exam is intended for IT professionals who have experience working with Aruba products and are looking to specialize in network security. Candidates for HPE7-A02 exam should be familiar with the Aruba ClearPass Policy Manager and Aruba Mobility Controllers, as well as network security concepts and practices. Aruba Certified Network Security Professional Exam certification is ideal for professionals who want to enhance their career prospects in network security and demonstrate their expertise in using Aruba products.

HP HPE7-A02 Certification Exam is designed for IT professionals who want to specialize in network security. Aruba Certified Network Security Professional Exam certification program is provided by Aruba, a leading provider of network infrastructure solutions. The HPE7-A02 exam focuses on network security concepts, technologies, and best practices that are essential for securing enterprise networks against cyber-attacks.

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HP Aruba Certified Network Security Professional Exam Sample Questions (Q20-Q25):

NEW QUESTION # 20

You have created this rule in an HPE Aruba Networking ClearPass Policy Manager (CPPM) service's enforcement policy:
IF Authorization [Endpoints Repository] Conflict EQUALS true
THEN apply "quarantine_profile"

What information can help you determine whether you need to configure cluster-wide profiler parameters to ignore some conflicts?

- A. Whether the company has devices that use PXE boot
- B. Whether some devices are incapable of captive portal or 802.1X authentication
- C. Whether some devices are running legacy operating systems
- D. Whether the company has rare Internet of Things (IoT) devices

Answer: A

Explanation:

A conflict in the Endpoints Repository usually indicates that ClearPass has seen different profiling data for the same MAC, which might mean a spoofing attempt-or simply normal behavior for certain device types.

Devices that use PXE boot often:

- * Boot initially from the network with one set of characteristics (e.g., a minimal OS, different DHCP fingerprint),
- * Then chain-load into a different OS with a different fingerprint and sometimes even a different network profile.

Aruba exam and design material specifically point out PXE boot as a common, benign cause of profiler conflicts and recommend tuning cluster-wide profiler parameters to ignore or relax some conflicts for these devices.

Therefore, you look at whether the company has devices that use PXE boot when deciding whether to tune profiler conflict behavior
Option D.

NEW QUESTION # 21

What is one benefit of integrating HPE Aruba Networking ClearPass Policy Manager (CPPM) with third-party solutions such as Mobility Device Management (MDM) and firewalls?

- A. CPPM can exchange contextual information about clients with third-party solutions, which helps make better decisions.
- B. CPPM can offload policy decisions to the third-party solutions, enabling CPPM to respond to authentication requests more quickly.
- C. CPPM can take over filtering internal traffic so that the third-party solutions have more processing power to devote to filtering external traffic.
- D. CPPM can make the third-party solutions more secure by adding signature-based threat detection capabilities.

Answer: A

Explanation:

* Contextual Exchange for Better Decisions:

* HPE Aruba ClearPass can integrate with third-party solutions like MDM and firewalls to exchange contextual information about endpoints (e.g., device type, posture, location).

* This integration allows ClearPass and the third-party solutions to make better access control and security decisions.

* For example:

* An MDM can inform CPPM about device compliance, and CPPM can adjust enforcement policies dynamically.

* Firewalls can receive updated context about users and devices to enforce policies more effectively.

* Option Analysis:

* Option A: Correct. Exchanging contextual information improves access control decisions.

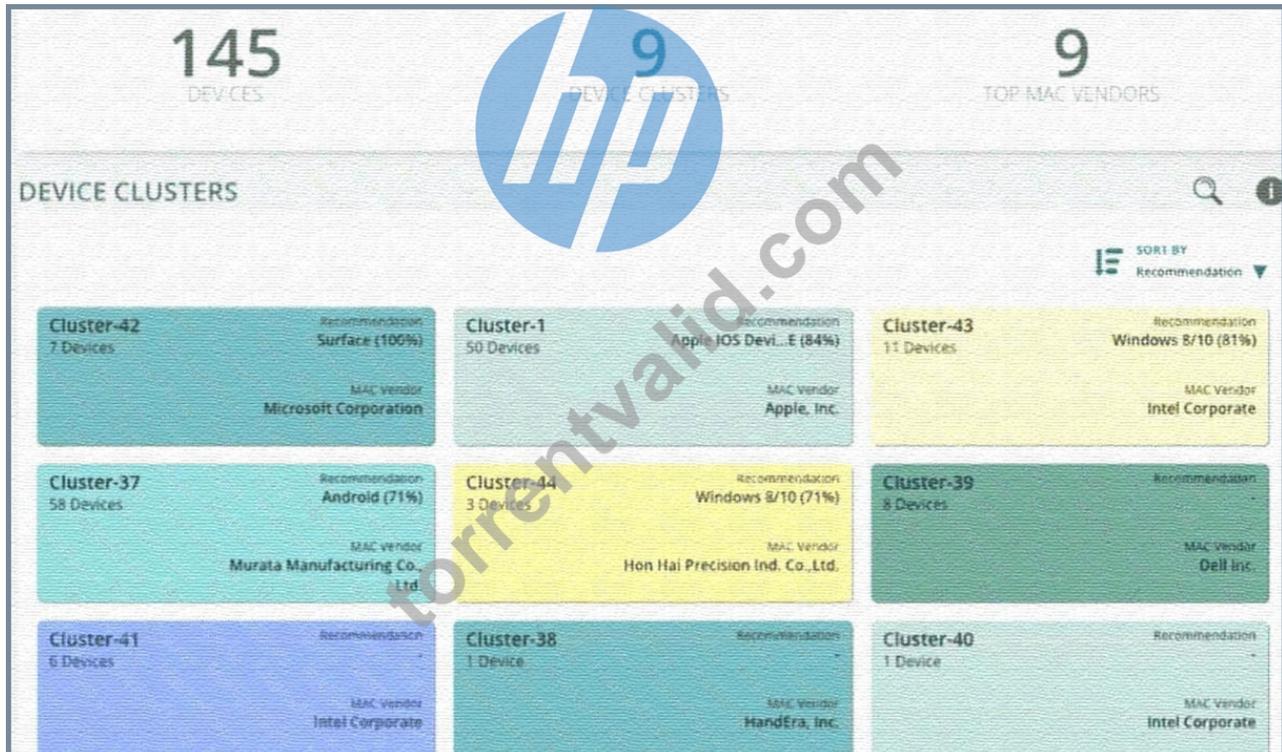
* Option B: Incorrect. CPPM does not provide signature-based threat detection.

* Option C: Incorrect. CPPM does not offload policy decisions; it integrates for collaboration.

* Option D: Incorrect. CPPM does not replace third-party traffic filtering capabilities.

NEW QUESTION # 22

Refer to Exhibit.



A company is using HPE Aruba Networking ClearPass Device Insight (CPDI) (the standalone application). In the CPDI interface, you go to the Generic Devices page and see the view shown in the exhibit. What correctly describes what you see?

- A. Each cluster is a group of unclassified devices that CPDI's machine learning has discovered to have similar attributes.
- B. Each cluster is a group of devices that match one of the tags configured by admins.
- C. Each cluster is all the devices that have been assigned to the same category by one of CPDI's built-in system rules.
- D. Each cluster is a group of devices that have been classified with user rules, but for which CPDI offers different recommendations.

Answer: A

Explanation:

In HPE Aruba Networking ClearPass Device Insight (CPDI), the clusters shown in the exhibit represent groups of unclassified devices that CPDI's machine learning algorithms have identified as having similar attributes. These clusters are formed based on observed characteristics and behaviors of the devices, helping administrators to categorize and manage devices more effectively.

1. Machine Learning: CPDI uses machine learning to analyze device attributes and group them into clusters based on similarities.
2. Unclassified Devices: These clusters typically represent devices that have not yet been explicitly classified by admins but share common attributes that suggest they belong to the same category.
3. Management: This clustering helps in simplifying the process of managing and applying policies to groups of similar devices.

Reference: ClearPass Device Insight documentation on device clustering and machine learning provides detailed information on how devices are grouped into clusters based on observed attributes and behaviors.

NEW QUESTION # 23

A company lacks visibility into the many different types of user and IoT devices deployed in its internal network, making it hard for the security team to address those devices.

Which HPE Aruba Networking solution should you recommend to resolve this issue?

- A. HPE Aruba Networking ClearPass OnBoard
- B. HPE Aruba Networking Network Analytics Engine (NAE)
- C. HPE Aruba Networking ClearPass Device Insight (CPDI)

- D. HPE Aruba Networking Mobility Conductor

Answer: C

Explanation:

For a company that lacks visibility into various types of user and IoT devices on its internal network, HPE Aruba Networking ClearPass Device Insight (CPDI) is the recommended solution. CPDI provides comprehensive visibility and profiling of all devices connected to the network. It uses machine learning and AI to identify and classify devices, offering detailed insights into their behavior and characteristics. This enhanced visibility enables the security team to effectively monitor and manage network devices, improving overall network security and compliance.

Reference: Aruba's documentation on ClearPass Device Insight outlines its capabilities in device discovery, profiling, and security posture assessment, making it ideal for environments with diverse and numerous network-connected devices.

NEW QUESTION # 24

Refer to the exhibit.

RAPIDS Gateway IDS/IPS

GENERAL POLICIES

Traffic Inspection

Enable traffic inspection

Requires OS version 1. AOS 10.2 and later OR 2. SD-WAN 8.5.0.0-2.1.0.0 and later on 90xx Gateway

Mode: IDS IPS

Fail Strategy: Bypass Block

Ruleset

Version: 9861 UPDATE TO

Automatically update ruleset every Day at 02:00

(Note that the HPE Aruba Networking Central interface shown here might look slightly different from what you see in your HPE Aruba Networking Central interface as versions change; however, similar concepts continue to apply.) An HPE Aruba Networking 9x00 gateway is part of an HPE Aruba Networking Central group that has the settings shown in the exhibit. What would cause the gateway to drop traffic as part of its IDPS settings?

- A. Traffic showing anomalous behavior
- B. Its IDPS engine failing
- **C. Traffic matching a rule in the active ruleset**
- D. Its site-to-site VPN connections failing

Answer: C

Explanation:

In the exhibit, the HPE Aruba Networking Central settings for the 9x00 gateway show that traffic inspection is enabled, and the gateway is set to operate in IDS (Intrusion Detection System) mode with the fail strategy set to "Block". This configuration means that the gateway will drop traffic if it matches a rule in the active ruleset.

- 1.Active Ruleset: The ruleset version 9861 is active, and the gateway is configured to automatically update the ruleset daily.
- 2.Traffic Matching Rules: When traffic matches a rule in the active ruleset, it is flagged as suspicious or malicious.
- 3.Block Mode: Since the fail strategy is set to "Block", any traffic that matches a rule in the active ruleset will be dropped to prevent potential threats.

Reference: The documentation for HPE Aruba Networking Central and gateway IDS/IPS configuration provides detailed information on how traffic is inspected and the implications of different fail strategies, including blocking traffic that matches the active ruleset.

NEW QUESTION # 25

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