300-215Q&As

Conducting Forensic Analysis and Incident Response Using Cisco Technologies for CyberOps (CBRFIR)

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QUESTION 1

```
indicator:Observable id= "example:Observable-Pattern-5f1dedd3-ece3-4007-94cd-7d52784c1474">
<cybox:Object id= "example:Object-3a7aa9db-d082-447c-a422-293b78e24238">
<cybox:Properties xsi:type= "EmailMessageObj:EmailMessageObjectType">
<EmailMessageObj:Header>
<EmailMessageObj:From category= "e-mail">
<AddressObj:Address_Value condition= "Contains">@state.gov</AddressObj:Address Value>
</EmailMessageObj:From>
</EmailMessageObj:Header>
</cybox:Properties>
<cybox:Related_Objects>
<cybox:Related_Object>
<cybox:Properties xsi:type= "FileObj:FileObjectType">
<FileObj:File_Extension>pdf</FileObj:File_Extension>
<FileObj:Size_In_Bytes>87022</FileObj:Size_In_Bytes>
<FileObj:Hashes>
<cyboxCommon:Hash>
<cyboxCommon:Type xsi type= 'cyboxVocabs:HashNameVocab- 1.0">MD5</cyboxCommon:Type>
<cyboxCommn:Simple_Hash_Value>cf2b3ad32a8a4cfb05e9dfc45875bd70</cyboxCommon:Simple_Ha
sh_Value>
</cyboxCommon:Hash>
</FileObj:Hashes>
</cybox:Properties>
<cybox:Relationship xsi:type= "cyboxVocabs:ObjectRelatiobshipVocab-
1.0">Contains</cybox:Relationship>
 </cybox:Related_Object>|
 </cybox:Related_Objects>
 </cybox:Object>
 </indicator:Observable>
```

Refer to the exhibit. Which two actions should be taken as a result of this information? (Choose two.)

A. Update the AV to block any file with hash "cf2b3ad32a8a4cfb05e9dfc45875bd70".

B. Block all emails sent from an @state.gov address.

C. Block all emails with pdf attachments.

D. Block emails sent from Admin@state.net with an attached pdf file with md5 hash "cf2b3ad32a8a4cfb05e9dfc45875bd70".

E. Block all emails with subject containing "cf2b3ad32a8a4cfb05e9dfc45875bd70".

Correct Answer: AB

QUESTION 2

What are YARA rules based upon?

A. binary patterns

B. HTML code

C. network artifacts

D. IP addresses

Correct Answer: A

Reference: https://en.wikipedia.org/wiki/YARA#:~:text=YARA%20is%20the%20name%20of,strings%20and%20a%20boolean%20expression.

QUESTION 3

An engineer received a call to assist with an ongoing DDoS attack. The Apache server is being targeted, and availability is compromised. Which step should be taken to identify the origin of the threat?

A. An engineer should check the list of usernames currently logged in by running the command $ who | cut –d' ' -f1| sort | uniq

B. An engineer should check the server\\'s processes by running commands ps -aux and sudo ps -a.

C. An engineer should check the services on the machine by running the command service -status-all.

D. An engineer should check the last hundred entries of a web server with the command sudo tail -100 /var/log/apache2/access.log.

Correct Answer: D

QUESTION 4

An incident response team is recommending changes after analyzing a recent compromise in which:

a large number of events and logs were involved;

team members were not able to identify the anomalous behavior and escalate it in a timely manner;

several network systems were affected as a result of the latency in detection;

security engineers were able to mitigate the threat and bring systems back to a stable state; and

the issue reoccurred shortly after and systems became unstable again because the correct information was not gathered during the initial identification phase.

Which two recommendations should be made for improving the incident response process? (Choose two.)

A. Formalize reporting requirements and responsibilities to update management and internal stakeholders throughout the incident-handling process effectively.

B. Improve the mitigation phase to ensure causes can be quickly identified, and systems returned to a functioning state.

C. Implement an automated operation to pull systems events/logs and bring them into an organizational context.

D. Allocate additional resources for the containment phase to stabilize systems in a timely manner and reduce an attack\\'s breadth.

E. Modify the incident handling playbook and checklist to ensure alignment and agreement on roles, responsibilities, and steps before an incident occurs.

Correct Answer: CE

QUESTION 5

Which technique is used to evade detection from security products by executing arbitrary code in the address space of a separate live operation?

A. process injection

B. privilege escalation

C. GPO modification

D. token manipulation

Correct Answer: A

Reference: https://attack.mitre.org/techniques/T1055/