

KEAMANAN SISTEM INFORMASI

Cyber Threat Management (CyberTM) Course Final Exam



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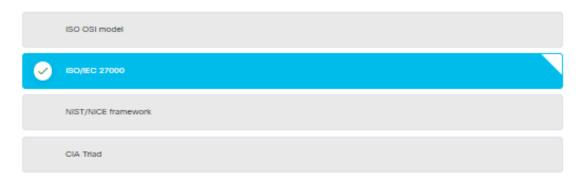
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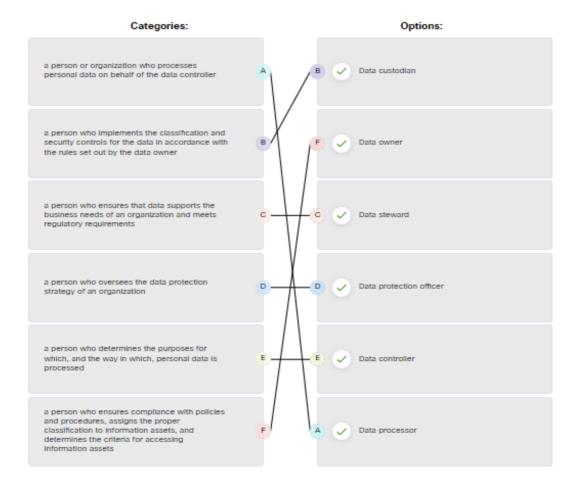


Which framework should be recommended for establishing a comprehensive information security management system in an organization?



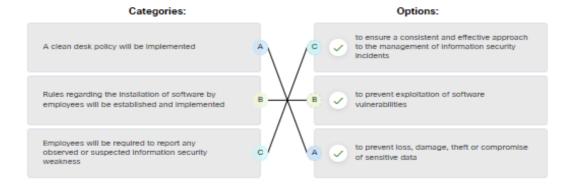
Question 2

Match the roles in the data governance program to the description.



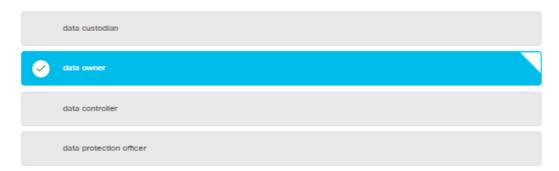


A company is preparing for an ISMS audit. Match the right control for each control objective.



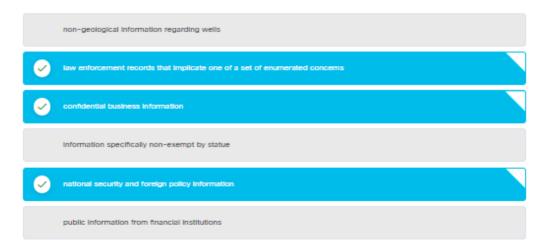
Question 4

An organization is developing a data governance program that follows regulations and policies. Which role in the program is responsible for ensuring compliance with policies and procedures, assigning the proper classification to information assets, and determining the criteria for accessing information assets?



Question 5

What are three disclosure exemptions that pertain to the FOIA? (Choose three.)





Match the network security testing tool with the correct function. (Not all options are used.)



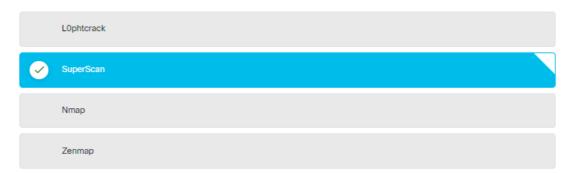
Question 7

What are two tasks that can be accomplished with the Nmap and Zenmap network tools? (Choose two.)



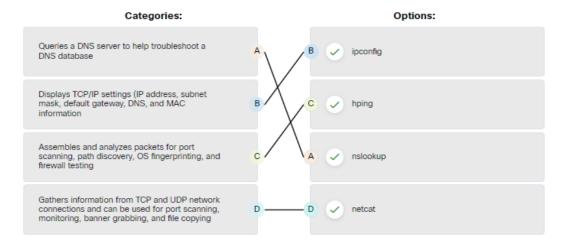
Question 8

Which network security tool can detect open TCP and UDP ports on most versions of Microsoft Windows?



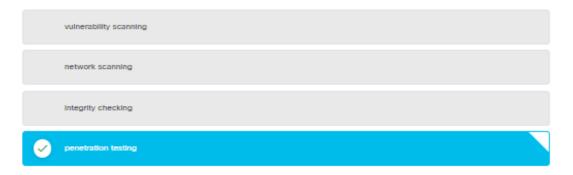


Match the command line tool with its description.



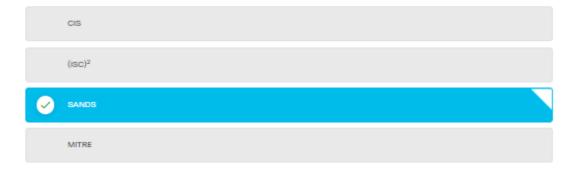
Question 10

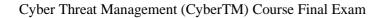
What type of security test uses simulated attacks to determine possible consequences of a real threat?



Question 11

As a Cybersecurity Analyst, it is very important to keep current. It was suggested by some colleagues that NewsBites contains many good current articles to read. What network security organization maintains this weekly digest?







Which type of controls help uncover new potential threats?

Preventive controls

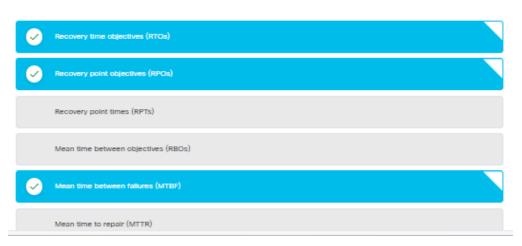
Detective controls

Corrective controls

Question 13

What key considerations does a business impact analysis (BIA) examine?

Choose four correct answers



Question 14

What is a characteristic of CybOX?

It is the specification for an application layer protocol that allows the communication of CTI over HTTPS.

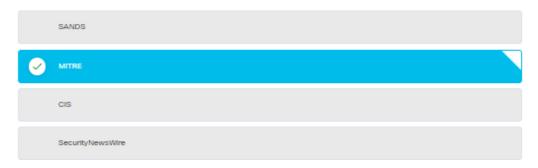
It enables the real-time exchange of cyberthreat indicators between the U.S. Federal Government and the private sector.

It is a set of specifications for exchanging cyberthreat information between organizations.



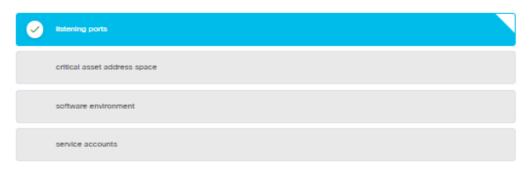


Which security organization maintains a list of common vulnerabilities and exposures (CVE) and is used by prominent security organizations?



Question 16

When a server profile for an organization is being established, which element describes the TCP and UDP daemons and ports that are allowed to be open on the server?



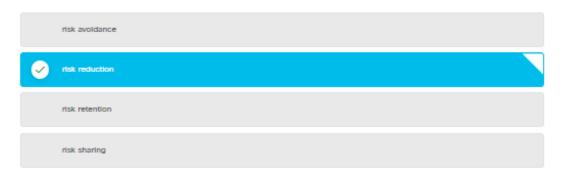
Question 17

A network administrator is creating a network profile to generate a network baseline. What is included in the critical asset address space element?



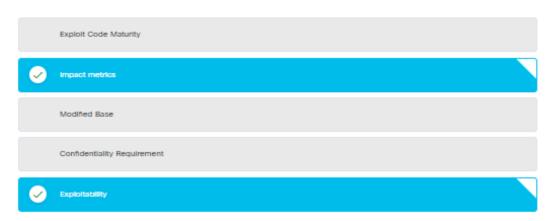


The IT security personnel of an organization notice that the web server deployed in the DMZ is frequently targeted by threat actors. The decision is made to implement a patch management system to manage the server. Which risk management strategy method is being used to respond to the identified risk?



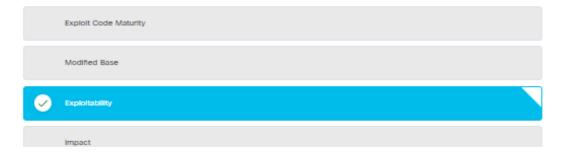
Question 19

Which two classes of metrics are included in the CVSS Base Metric Group? (Choose two.)



Question 20

Which class of metric in the CVSS Base Metric Group defines the features of the exploit such as the vector, complexity, and user interaction required by the exploit?





A company manages sensitive customer data for multiple clients. The current authentication mechanism to access the database is username and passphrase. The company is reviewing the risk of employee credential compromise that may lead to a data breach and decides to take action to mitigate the risk before further actions can be taken to eliminate the risk. Which action should the company take for now?



Question 22

Match the stages in the risk management process to the description.





Your risk manager just distributed a chart that uses three colors to identify the level of threat to key assets in the information security systems. Red represents high level of risk, yellow represents average level of threat and green represents low level of threat. What type of risk analysis does this chart represent?

exposure factor analysis

loss analysis

quantitative analysis

qualitative analysis

Question 24

What is the first step taken in risk assessment?

Establish a baseline to indicate risk before security controls are implemented.

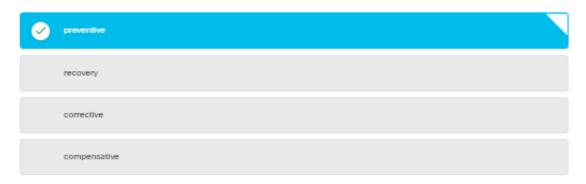
Identify threats and vulnerabilities and the matching of threats with vulnerabilities.

Compare to any ongoing risk assessment as a means of evaluating risk management effectiveness.

Perform audits to verify threats are eliminated.

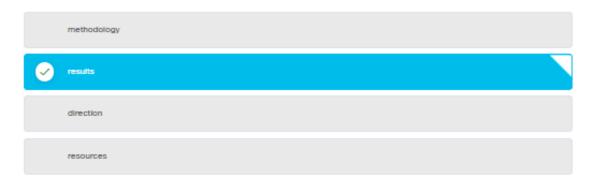


The manager of a new data center requisitions magnetic door locks. The locks will require employees to swipe an ID card to open. Which type of security control is being implemented?



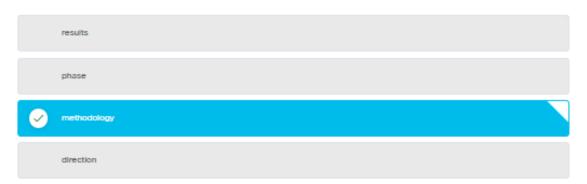
Question 26

Which meta-feature element in the Diamond Model describes information gained by the adversary?



Question 27

Which meta-feature element in the Diamond Model classifies the general type of intrusion event?





Why would threat actors prefer to use a zero-day attack in the Cyber Kill Chain weaponization phase?

to gain faster delivery of the attack on the target

to avoid detection by the target

to launch a DoS attack toward the target

Question 29

Which type of evidence cannot prove an IT security fact on its own?

hearsay

Indirect

corroborative

Question 30

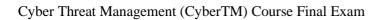
According to NIST standards, which incident response stakeholder is responsible for coordinating an incident response with other stakeholders to minimize the damage of an incident?

legal department

management

human resources

IT support





Final Score:

