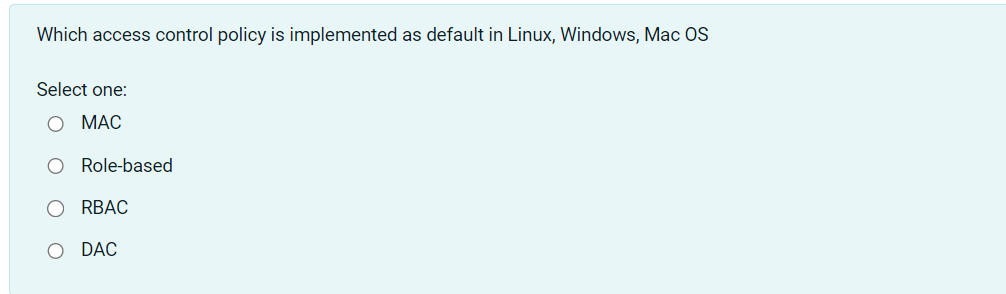
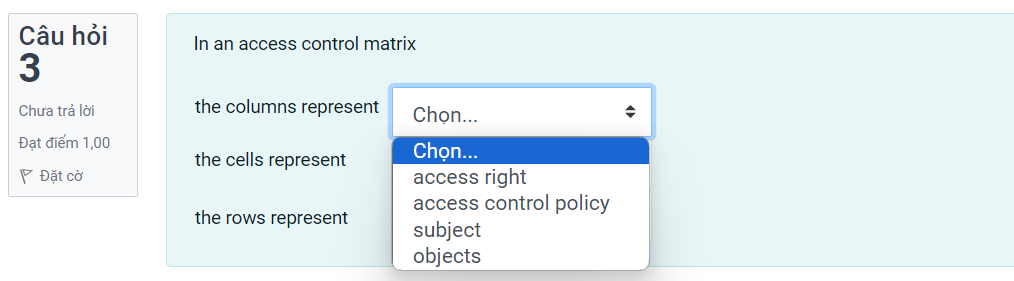


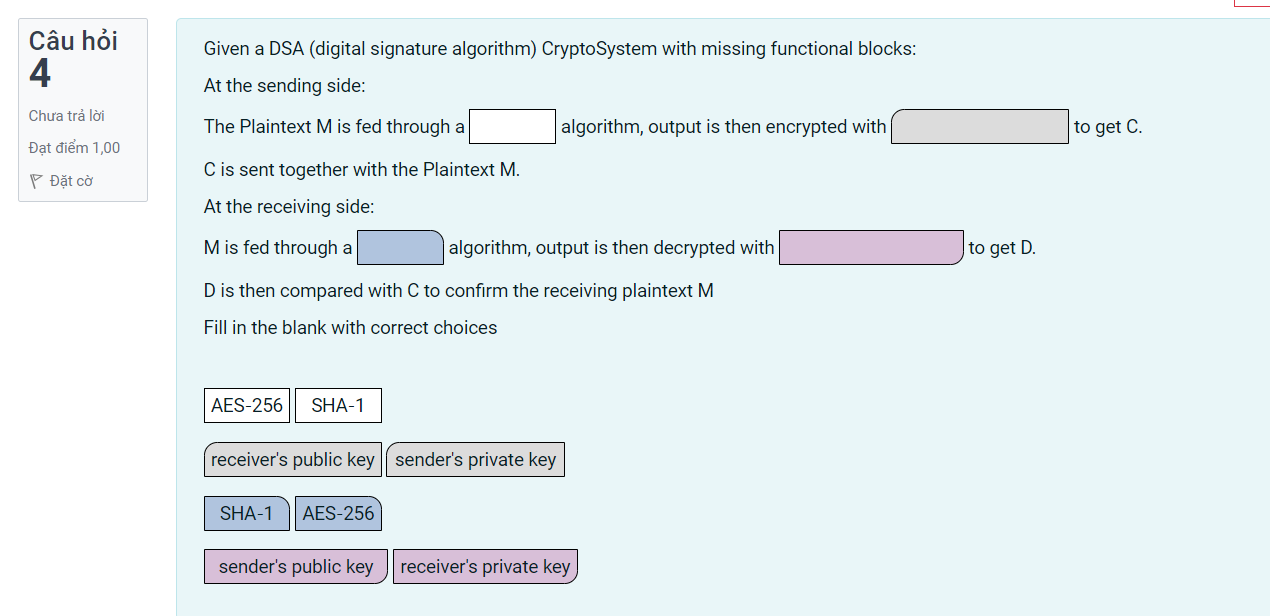
2^80 = 2^160/2



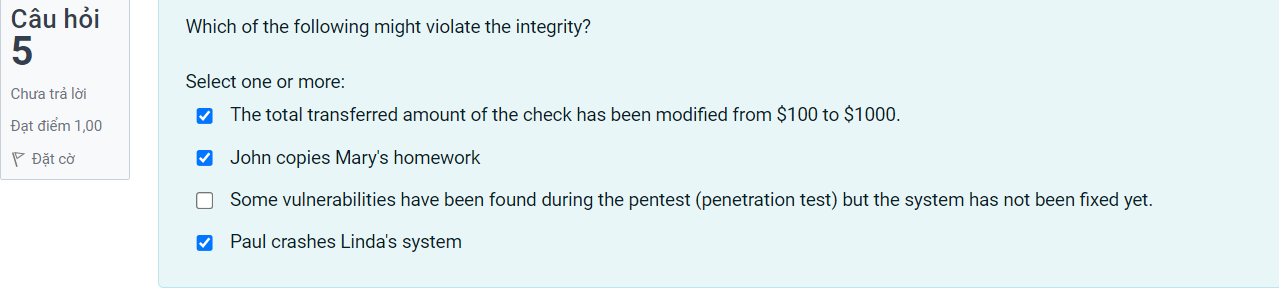
MAC controls operating system.



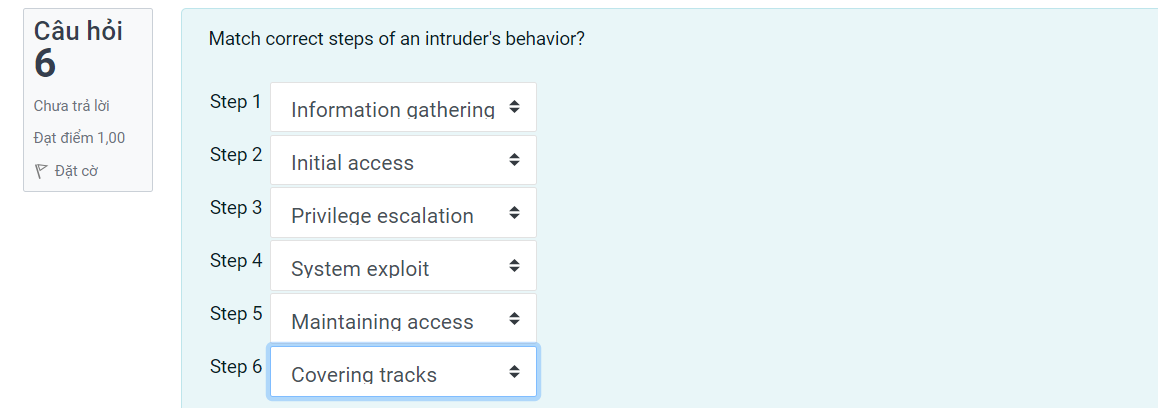
Rows represent subjects, columns represent objects, cells represent access control policy



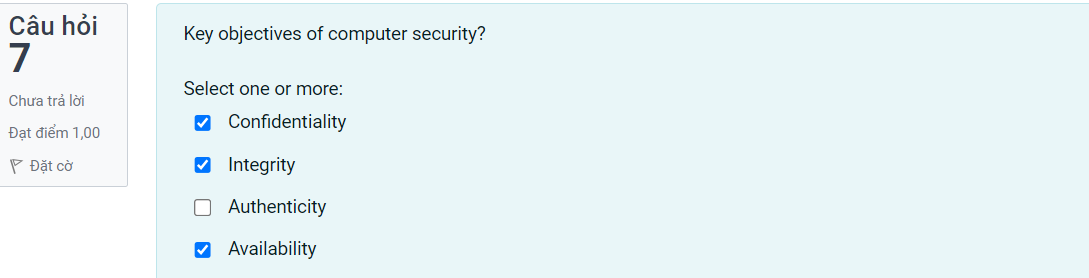
Deo biet lam



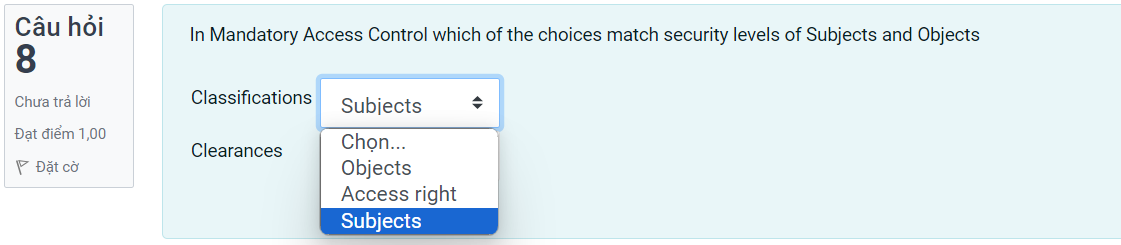
The total, paul crashes



A white background with blue text

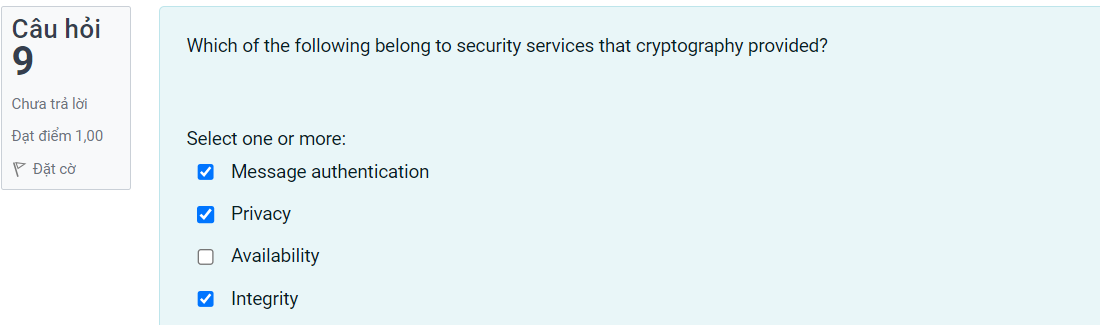
Description automatically generated

A screenshot of a black screen

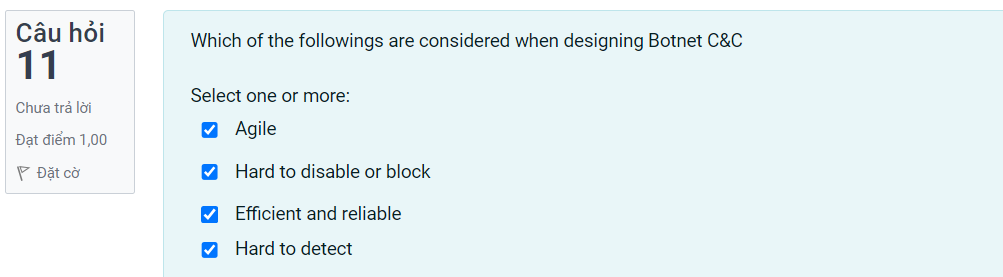
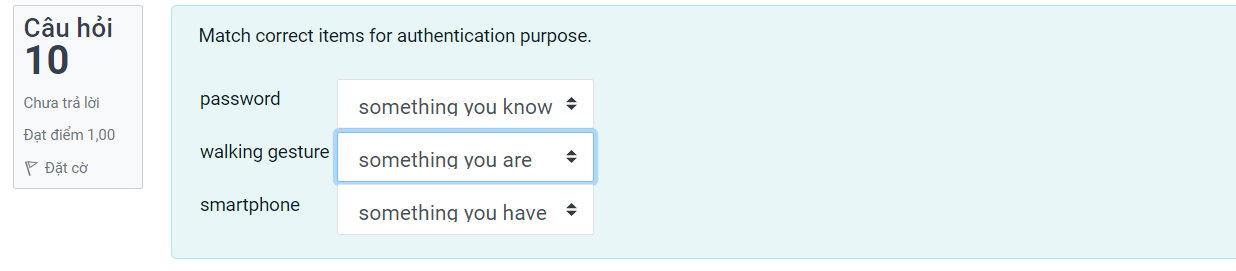
Description automatically generated

Subjects

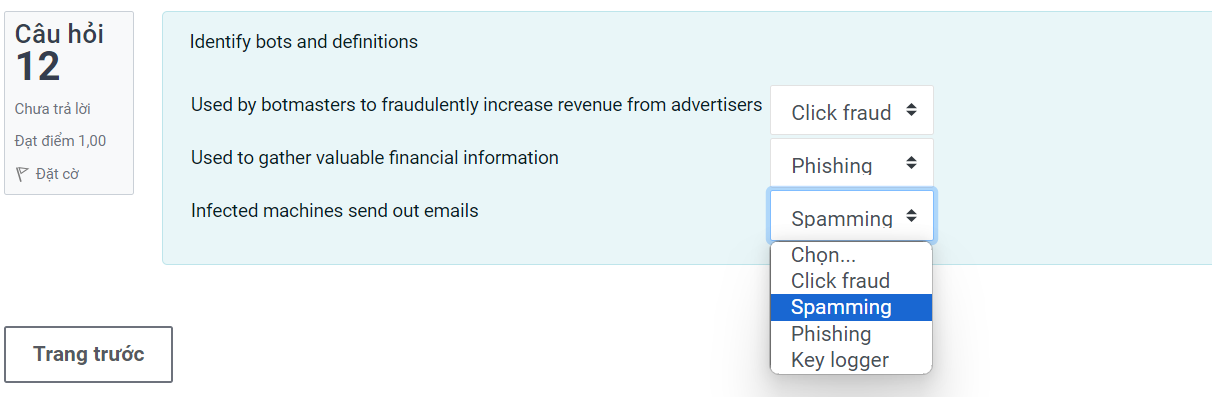
Objects



Availability, Intergrity, message authentication.



Efficient and reliable, Hard to detect (stealthy), hard to disable or block(Resilient) . CHAPTER 5 (BOTNET C&C DESIGN CONSIDERATIONS)

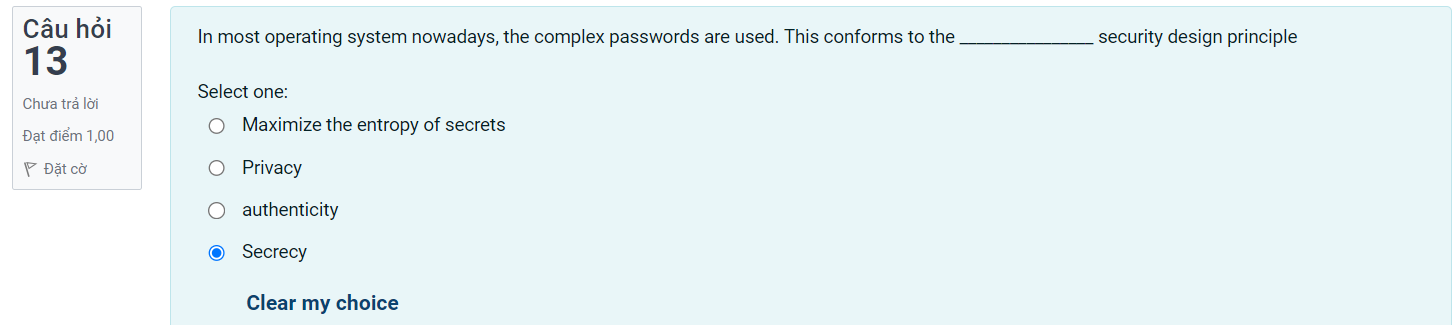


Used by bot master -> Spamming

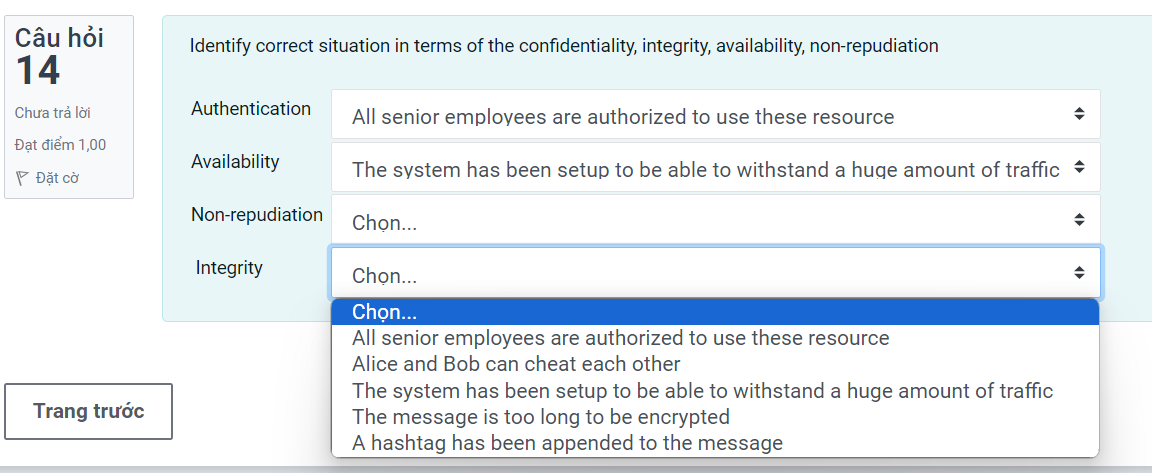
Used to gather -> Click fraud

Infected machines -> Phising.

CHAPTER 5. BOTNET C&C DESIGN CONSIDERATIONS



Maximize the entropy of secrets

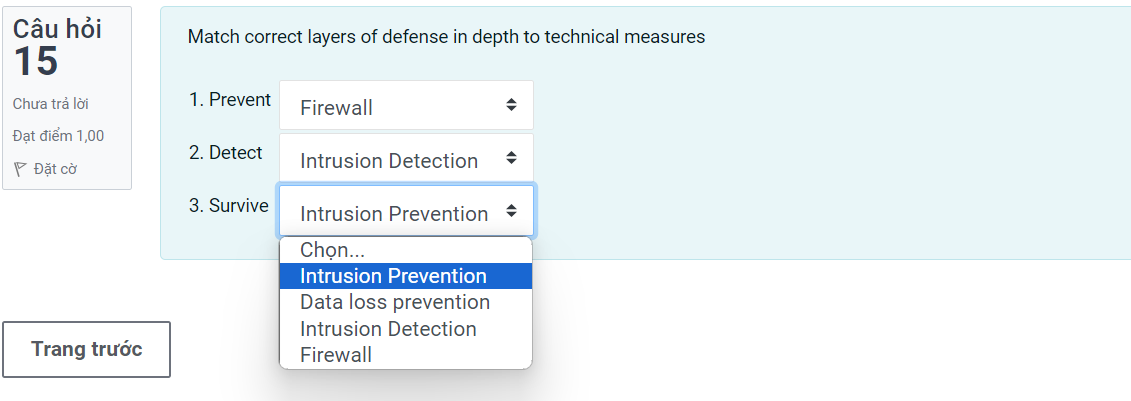


Authentication -> All senior employees are authorized to use these resources.

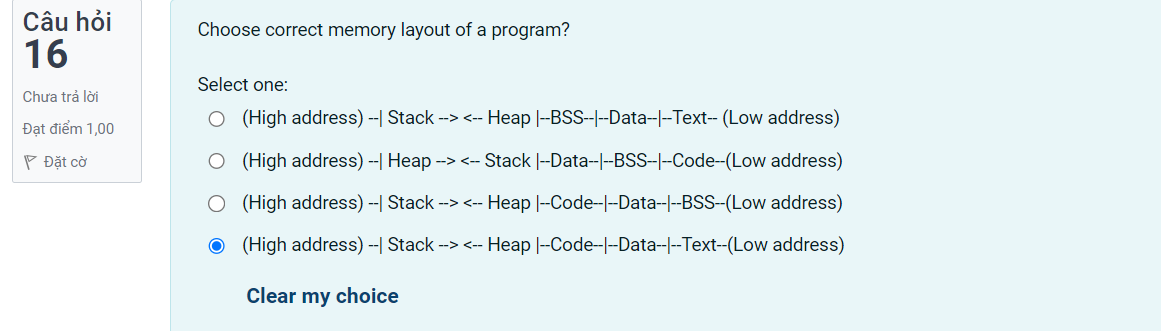
Availability -> The system has been setup

Non-repudiation -> Alice and Bob

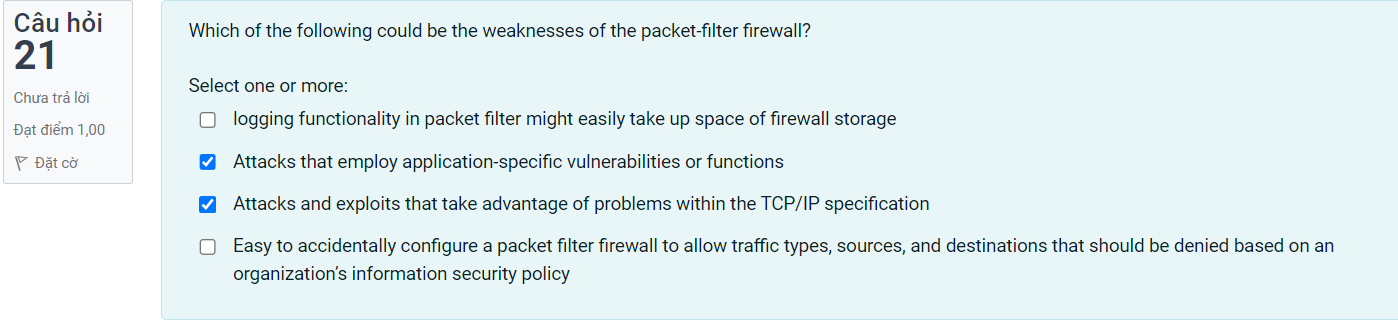
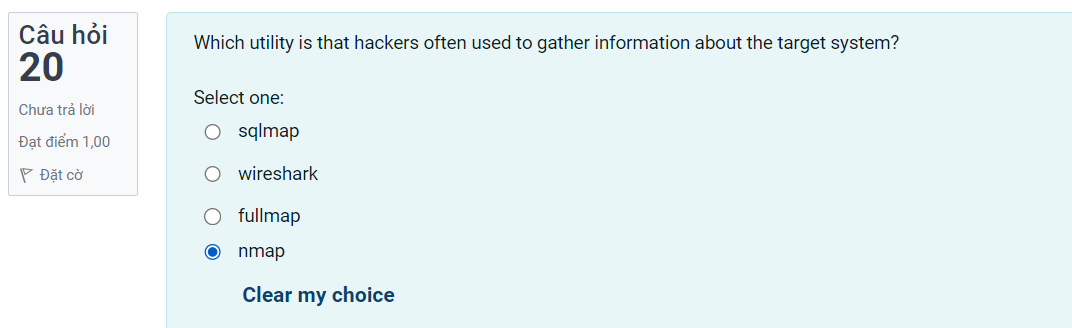
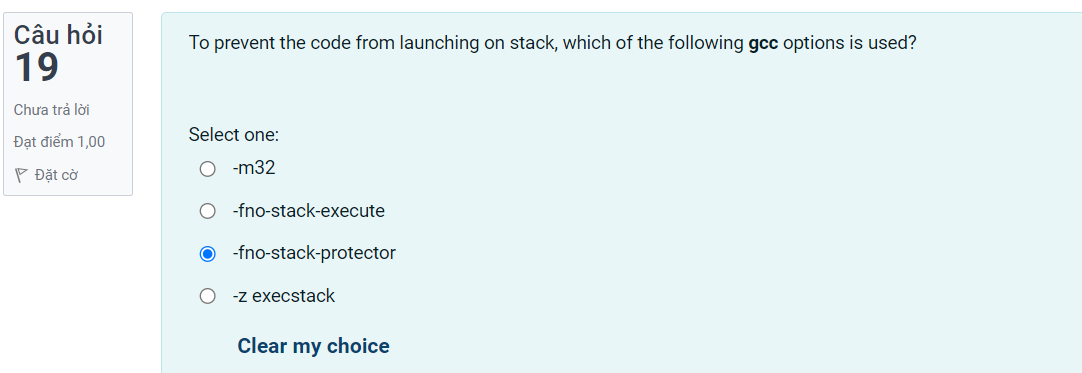
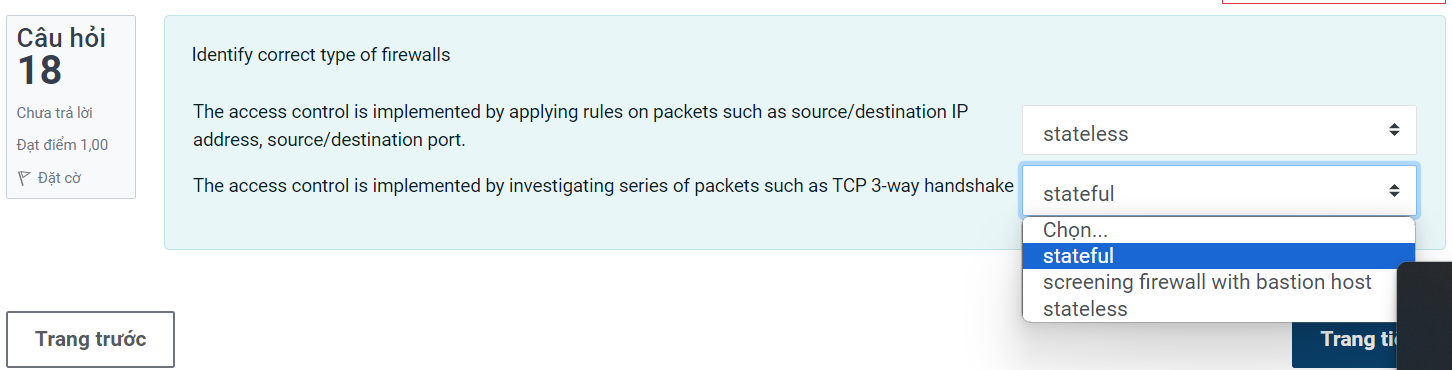
Intergrity -> A hashtag has been appended to the messages



Prevent ->Firewall ,Detect -> Intrusion detection, Survive -> Data loss prevention

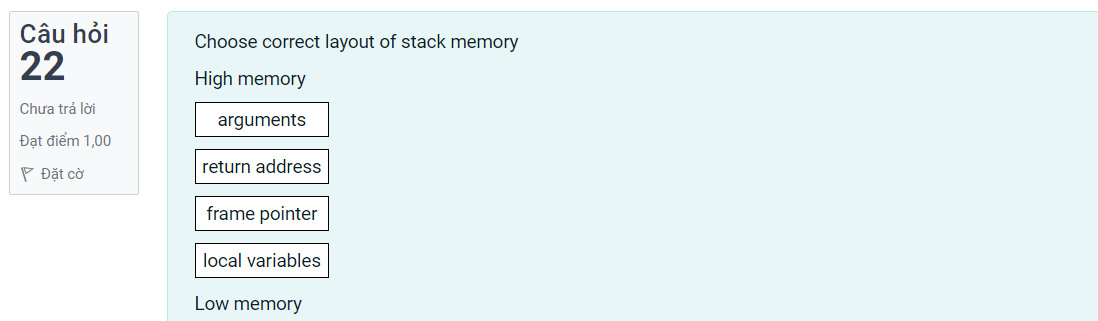


High address BSS

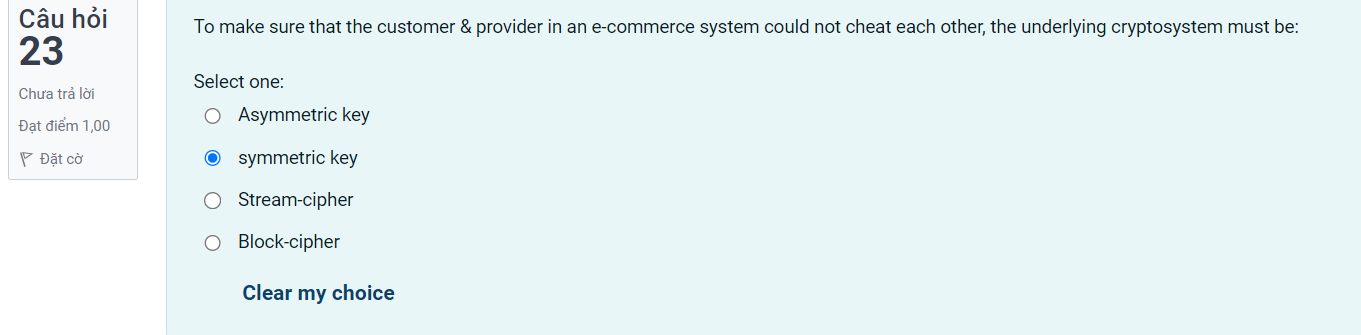


A blue and white background with text

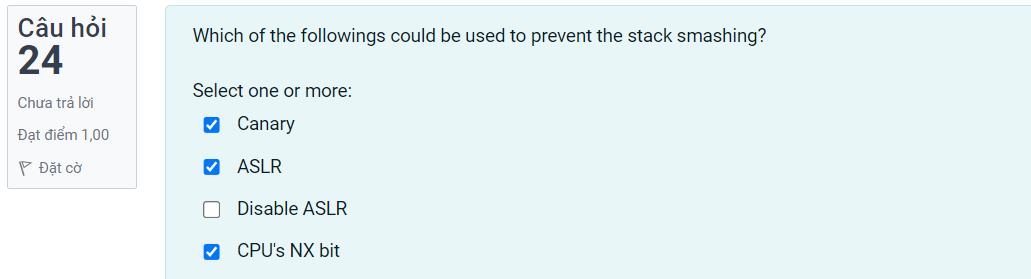
Description automatically generated

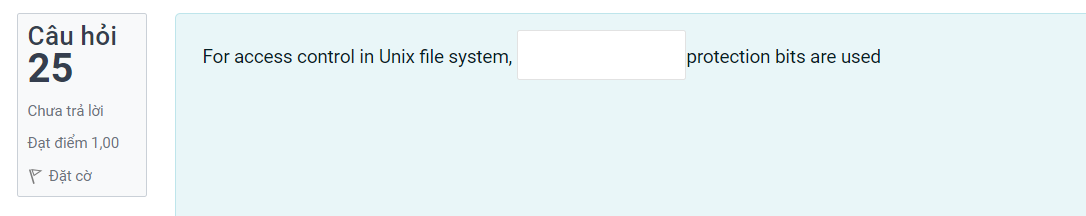


Chapter 3 page 13 co van

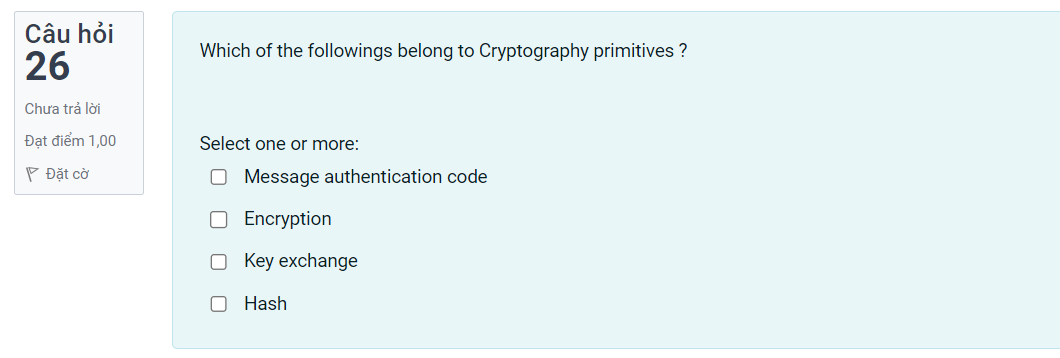


Asymetric key (chapter10 page22)

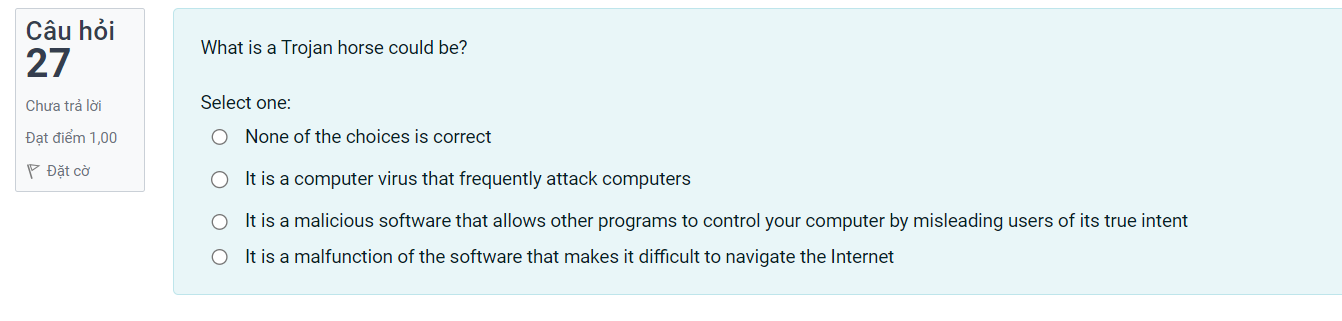


Chapter 2 Software and security thay quang

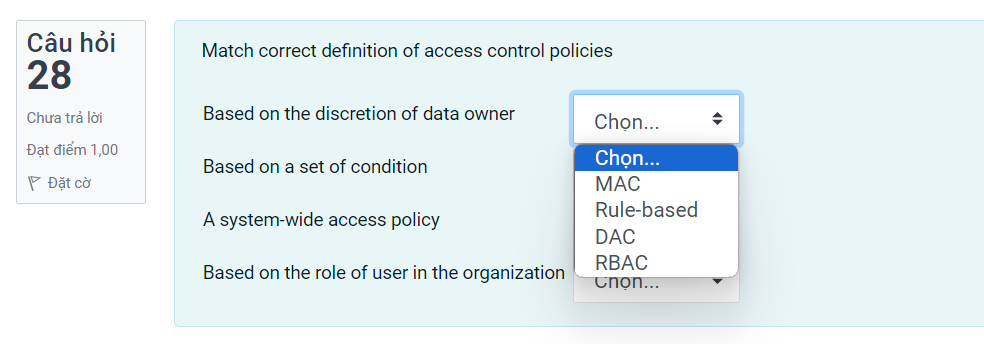
9 protection bits



Chapter 7 thay quang: Encryption, Hash, Message authentication



It is a malicious software that allows other program to control your computer by … (Chapter 10 co van)



Based ib discretion -> DAC

Based ib a set of condition -> Rule-based

A system -> MAC

Based on role of user -> RBACs