Quiz 10: Security and Session Management

Due Nov 21 at 11:59pm **Points** 10 **Questions** 10

Available Nov 17 at 5pm - Nov 21 at 11:59pm Time Limit 15 Minutes

Instructions

This quiz covers lecture 13 (Web Security). Please take the quiz only after watching the lecture videos - the total running time is about 40 minutes for the videos.

This quiz was locked Nov 21 at 11:59pm.

Attempt History

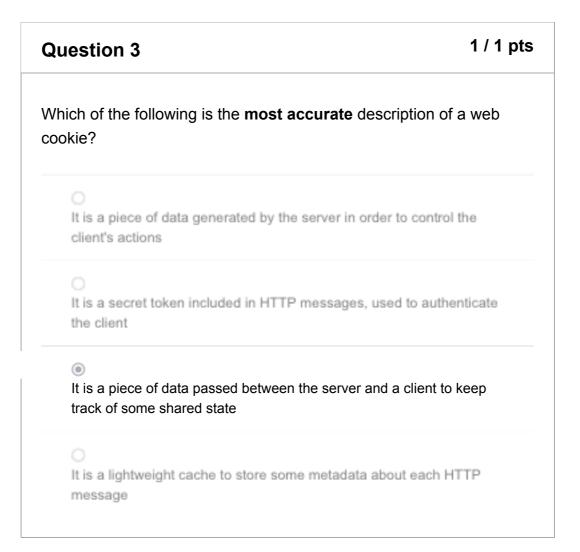
	Attempt	Time	Score
LATEST	Attempt 1	15 minutes	9 out of 10

Score for this quiz: **9** out of 10 Submitted Nov 20 at 3:04pm This attempt took 15 minutes.

	Question 1 1 / 1 pts		
	Which of the following is the most accurate description of a web session?		
	A piece of unique string shared between the server and the client		
Correct!	A shared state between the server and the client		
	A term used to describe a client-server pair		
	A piece of information about the client stored in the server		

Question 2 1 / 1 pts

Correct!	Which of the following is NOT a reason for maintaining a web session?
	The server wants to keep track of the client application state
	The client wants privacy
	O HTTP is stateless
	The server wants to identify a client



Correct!

Question 4 1/1 pts Which of the following is NOT true about a web cookie?

The client can modify a cookie using the DOM API
The browser automatically includes cookies for some HTTP requests
Only the server has permissions to set the value of a cookie
A cookie is included as HTTP headers

Correct!	Question 5	1 / 1 pts
	Essentially, Cross-Site Scripting (XSS) Attack is	-
	modifying the JavaScript code of a vulnerable application	
	executing a foreign piece of code within the context of a legitima application	te
	 stealing the cookie from an unsuspecting application user 	
	 sending a maliciously crafted URL to an innocent person to or 	click

Question 6 1/1	
A web application is potentially vulnerable to Cross-Site So attack if	cripting
it uses cookies to maintain session data	
the web server serves static HTML files	
the web server is hosted on a public domain	

Correct!

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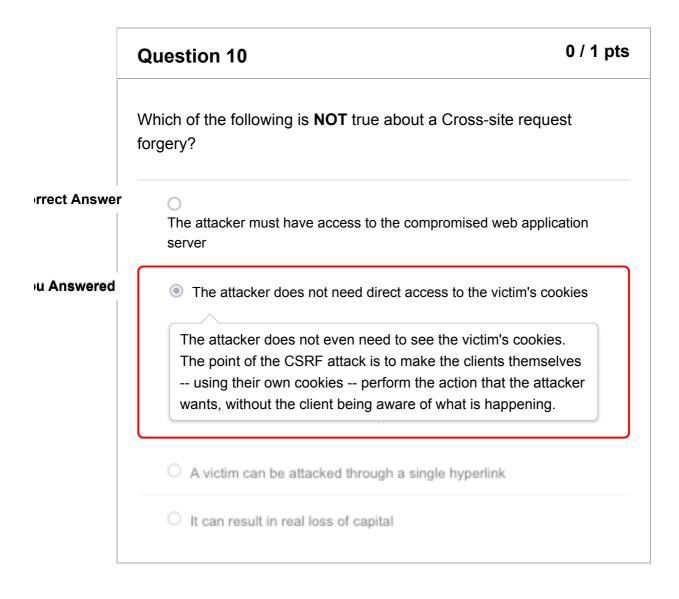
it accepts input from a user and renders it in the client-side app HTML

	Question 7 1 / 1	pts
	Which of the following is NOT true about a Cross-Site Scripting attack?	
Correct!	It can be mounted by crafting a fake application that looks like the real one	
	It can be mounted on multiple people simultaneously	
	It can be mounted simply by sending a maliciously-crafted URL	
	It can be mounted in a stealthy way without any visual cues	

	Question 8	1 / 1 pts
	Essentially, Cross-Site Request Forgery is	
	Iuring a victim by sending a phishing email	
	stealing the cookie from an unsuspecting application user	
Correct!	crafting a request to be sent from the victim's session	
	sending a malicious <form> element</form>	

Question 9 1 / 1 pts

	A web application is potentially vulnerable to Cross-Site Request Forgery attack if
	the client application renders the HTML dynamically
Correct!	it allows clients to submit requests that alter some state on the server-side
	the web server does not maintain any state
	the web server simply serves static HTML files



Quiz Score: 9 out of 10