Feedback — Week 7 Quiz

You submitted this quiz on **Sun 25 Jan 2015 7:51 PM PST**. You got a score of **25.00** out of **25.00**. However, you will not get credit for it, since it was submitted past the deadline.

Question 1

Which of the following are true regarding conditional logic?

Your Answer		Score	Explanation
☐ Conditional logic allows for greater flexibility in security and should be used in as many secure pathways as possible	✔	1.00	
☐ It isn't possible to effectively apply software design patterns without extensive use of conditional logic	✔	1.00	
☑ Conditional logic can make the behavior of secure pathways harder to assess	✔	1.00	
☑ Conditional logic can make secure pathways harder to test	✔	1.00	
Total		4.00 / 4.00	

Question Explanation

Please see Section 2 Module 3 Part 6: Avoid Conditional Logic in Secure Pathways

Question 2

Which of the following are true regarding runtime configuration of security?

Your Answer		Score	Explanation
☐ Runtime configuration of security always leads to better	✔	1.00	

security

☑ Runtime configuration can potentially lead to configuration mistakes that break secure pathways	✔	1.00
☐ Configuration errors can always be caught at compile time	✔	1.00
Total		3.00 / 3.00

Question Explanation

Please see Section 2 Module 3 Part 7: Prevent Secure Pathways from Being Broken at Runtime

Question 3

Which of the following are true regarding privilege escalation vulnerabilities?

Your Answer		Score	Explanation
☐ Privilege escalation attacks have been fixed in Android 4.3	✔	1.00	
☐ Privilege escalation attacks have not been demonstrated on apps produced by major companies	✔	1.00	
☐ Privilege escalation vulnerabilities only affect apps that are part of the core distribution of Android	✔	1.00	
Total		3.00 / 3.00	

Question Explanation

Please see Section 2 Module 3 Part 8: Privilege Escalation Concepts

Question 4

Which of the following are true of permissions on Android?

Your Answer	Score	Explanation

☑ The security of a device is affected by the apps installed on   ✔   1.00
the device

☑ A privilege escalation bypasses the security decisions that   ✔   1.00
the device owner made regarding the app that is gaining
access to the resource

☐ An app that does not have the Internet permission can never   ✔   1.00
download data through another app

Total   3.00 /
                                                                         3.00

Question Explanation

Please see Section 2 Module 3 Part 9: Privilege Escalation Scenarios

Question 5

Which of the following are true of Intents?

Your Answer	Score	Explanation
☑ In order to send an Intent that causes another app to access a privilege-protected resource, the receiving app must have appropriate permissions to access that resource	✔ 1.00	
☐ In order to send an Intent that causes another app to access a privilege-protected resource, the sending app must have appropriate permissions to access that resource	✔ 1.00	
☐ In order to send an Intent that causes another app to access a privilege-protected resource, the sending app must have super user permissions	✔ 1.00	
Total	3.00 / 3.00	

Question Explanation

Please see Section 2 Module 3 Part 10: Privilege Escalation Code Walkthrough

Question 6

Which of the following are ways to prevent privilege escalations?

Your Answer		Score	Explanation
☐ Adding null checks in your onCreate() method	✔	1.00	
☑ Adding permissions to your app's components	✔	1.00	
☐ Adding uses-permissions in your app's AndroidManifest.xml	✔	1.00	
Total		3.00 / 3.00	

Question Explanation

Please see Section 2 Module 3 Part 11: Privilege Escalation Fixes

Question 7

Which of the following are true of user interface attacks?

Your Answer		Score	Explanation
☑ They do not always depend on mistakes in your code	✔	1.00	
☑ They can steal data from a user that is intended for your app	✔	1.00	
☑ They can result from limitations regarding the screen size of mobile devices	✔	1.00	
Total		3.00 / 3.00	

Question Explanation

Please see Section 2 Module 3 Part 12: User Interface Attacks

Question 8

Which of the following are true of cross-platform user interface attacks?

Your Answer		Score	Explanation
☑ They often leverage the user's trust in known web pages to trick the user into installing a malicious app	✔	1.00	
☐ They do not affect Android	✔	1.00	
☐ They are focused on the spread of malware from one Android device to another Android device	✔	1.00	
Total		3.00 / 3.00	

Question Explanation

Please see Section 2 Module 3 Part 13: Cross-platform User Interface Attacks