

[Webmail](#) | [Uniweb](#)

Iniziato	venerdì, 10 novembre 2023, 08:34
Stato	Completato
Terminato	venerdì, 10 novembre 2023, 08:42
Tempo impiegato	7 min. 37 secondi
Valutazione	7,00 su un massimo di 10,00 (70%)

Domanda 1

Risposta errata

Punteggio ottenuto 0,00 su 1,00

Among the following ones identify which is NOT a limitation for a static analysis approach

- ☐ a. Reflection
- ☐ b. Amount of app's code
- ☒ c. Dynamic code loading ✖
- ☐ d. Obfuscated strings
- ☐ e. Obfuscated code

Risposta errata.

La risposta corretta è:

Amount of app's code

Domanda 2

Risposta errata

Punteggio ottenuto 0,00 su 1,00

Among the following ones identify which one is a limitation for a dynamic analysis approach

- ☐ a. Reflection
- ☐ b. Obfuscated strings
- ☐ c. Obfuscated code
- ☒ d. Dynamic code loading ✖

Risposta errata.

La risposta corretta è:

Reflection

Domanda 3

Risposta corretta

[Webmail](#) | [Uniweb](#)

Punteggio ottenuto 1,00 su 1,00

Debugging means

- ☐ a. that you insert new source code in the app which is going to be executed at runtime
- ☐ b. that you insert new smali code in the app which is going to be executed at runtime
- ☒ c. that you have a debugger running in a different process of the app's one and that one injects interrupt signals to stop the execution of the app and inspect the runtime values of its memory



Risposta corretta.

La risposta corretta è:

that you have a debugger running in a different process of the app's one and that one injects interrupt signals to stop the execution of the app and inspect the runtime values of its memory

Domanda 4

Risposta errata

Punteggio ottenuto 0,00 su 1,00

Instrumentation means

- ☐ a. that you inject new code in the app at runtime
- ☒ b. that you trace all the APIs invoked by an app
- ☐ c. that you stop the runtime execution of the app and modify its variables values



Risposta errata.

La risposta corretta è:

that you inject new code in the app at runtime

Domanda 5

Risposta corretta

Punteggio ottenuto 1,00 su 1,00

Taint analysis is used for...

- ☒ a. tracking the flow of sensitive data within an app
- ☐ b. intercepting the communication between different app's components
- ☐ c. intercepting the communication between two apps



Risposta corretta.

La risposta corretta è:

tracking the flow of sensitive data within an app

Domanda 6

Risposta corretta

[Webmail](#) | [Uniweb](#)

Punteggio ottenuto 1,00 su 1,00

Symbolic execution is generally used for...

- ☒ a. build a general model based on input variables that could lead to the execution of different paths in the app ✓
- ☐ b. trace the sensitive data flow within an app
- ☐ c. trace the APIs invoked by an app

Risposta corretta.

La risposta corretta è:

build a general model based on input variables that could lead to the execution of different paths in the app

Domanda 7

Risposta corretta

Punteggio ottenuto 1,00 su 1,00

Code coverage is

- ☐ a. the amount of code available inside an app
- ☒ b. the amount of code inside an app that you are able to execute ✓
- ☐ c. the amount of code dynamically loaded by an app at runtime

Risposta corretta.

La risposta corretta è:

the amount of code inside an app that you are able to execute

Domanda 8

Risposta corretta

Punteggio ottenuto 1,00 su 1,00

Which technique is used for evading static analysis?

- ☐ a. smali code
- ☐ b. Java/kotlin source code
- ☒ c. native code ✓

Risposta corretta.

La risposta corretta è:

native code

Domanda 9

Risposta corretta

[Webmail](#) | [Uniweb](#)

Punteggio ottenuto 1,00 su 1,00

A malware can bypass dynamic analysis techniques by

- ☐ a. dynamically loading new code at runtime
- ☒ b. detecting that it is under debugging/instrumentation and thus hiding its malicious behaviour ✓
- ☐ c. using encrypted network traffic

Risposta corretta.

La risposta corretta è:

detecting that it is under debugging/instrumentation and thus hiding its malicious behaviour

Domanda 10

Risposta corretta

Punteggio ottenuto 1,00 su 1,00

[Riepilogo della conservazione dei dati
Politiche](#)[Ottieni l'app mobile](#)

Any assumption that is acquired through a static analysis

- ☐ a. is always true
- ☒ b. should be validated through a dynamic analysis ✓
- ☐ c. is always false

Risposta corretta.

La risposta corretta è:

should be validated through a dynamic analysis