AppSecEU 2015 Mobile App Reverse Engineering / Hacking Workshop

OWASP Reverse Engineering and Code Modification Prevention Project

Back By Popular Demand! Workshop Details

- Thursday, May 21st at 9:15am-12:40pm AppSecEU
- Main session floor and dedicated workshop room
- Due to large demand, students must bring own laptop Jailbroken device
- Maximum capacity of 60

Purpose of Workshop

- Goals of workshop:
  1. Learn about the evolution of the mobile threat landscape

  2. Execute actual reverse-engineering and tampering attacks (customized workstation included) against iPhone apps

  3. Explore findings from mobile banking red-team testing projects at several top global banks
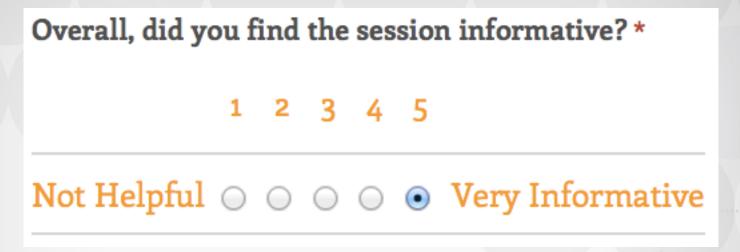
Workshop Details

- Each session lasted 2.5 hours
- Project provided laptops and jailbroken devices to students
- Feedback collected
- 24 OWASP participants

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Open Web Application
Security Project

Feedback Responses

Overall, did you find the session informative? *

1 2 3 4 5

Not Helpful ○ ○ ○ ○ ⦿ Very Informative

- Students found the sessions highly informative
- 18 participants answered this question:
  - 16 responded "5"; 2 responded "4"

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Feedback Responses

Did you gain a clear understanding of the associated OWASP project from the overview presentation?

This presentation was presented at the beginning of the session and lasted approximately 15 minutes.

1 2 3 4 5

Not Clear ○ ○ ○ ○ ⊙ Very Clear

- Students gain a clear understanding of the project
  - 12 responded "5"; 4 responded "4"; 1 responded "3"

Feedback Responses

Did you enjoy the hands on lab?

⦿ Yes

○ No

○ Other: [_____]

- Students clearly enjoyed the workshop
  - 18 out of 18 responded "Yes"

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Feedback Responses

What did you like?

Below, please describe (in freeform) what you enjoyed the most in the workshop.

- "This was better than other mobile training/workshops I have attended... the hands on lab was the best part"

- "Getting hand-on experience and foundation for how to reverse engineer an iOS application was really cool"

- "Organized, well run, concepts were applicable to real world mobile testing. overall – great work"

Chad Butler @chad_butler · Sep 19
Great app hacking workshop by the mobile reverse engineering project. They are willing to visit local owasp chapters. #appsecusa @bogomip2k

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Feedback Responses

What can be done to improve the presentation?

- "I would just keep it small (it was today). Having too many people could be an issue."

- "Overall I can't think of much to improve the presentation. Maybe have some step by step notes so that students could go through this exercise again afterwards."

- "Just need to work out a few quirks with the installation, but otherwise straight-forward and good"

Feedback Responses

Do you think your local OWASP chapter would find this valuable to conduct at one of your local OWASP events?

If so, please provide your local chapter location below:

- "Charlotte"
- "Los Angeles"
- "NYC"
- "London"
- "Denver"
- "Atlanta"
- "Portland"
- "San Francisco"

Would you like to have the workshop conducted at a chapter meeting or other OWASP event?

- If you are the head of the OWASP event or local chapter, fill out this form to register your interest:

  - http://bit.ly/1v6OzFG