REVERSE ENGINEERING BOOTCAMP 2023

Techniques to Analyse Software, Exploit Software Targets & Defend against Security Threats

6-7 MARCH 2023 | SHERATON IMPERIAL HOTEL KL

Reverse engineering is a vital skill for those in the field of information security to properly safeguard organizations from external threats. Participant will learn to recognize high level language constructs by performing binary analysis and discover the underlying nature of any Windows binary. This Bootcamp will familiarize participants with all aspects of reverse engineering (reversing) Linux 32-bit & Windows 32-bit applications for the purposes of locating flaws and exploiting them.

This real-time immersive hands-on workshop uses a combination of lecture, real-world experiences, and hands-on exercises to teach you the techniques to test the security of tried-and-true internal enterprise web technologies, as well as cutting-edge Internet-facing application.

By the end of this Workshop, Participants will be able to:

❖ Understand, locate & exploit all of the common flaws in 32-bit Linux & Windows based binaries - flaws include, but are not limited to, buffer overflow, heap overflows, format string flaws, section overflows, and kernel flaws.
❖ Perform dissection of binaries to locate overflow based vulnerabilities, play with branching and control of the program and exploit vulnerable functionalities left by developers
❖ Gauge and able to understand and infer the control flow of the programs to assist them in further course of reverse engineering
❖ Will be able to automate flaw discovery
❖ Access & experience the state-of-art real world training lab setup

Participant will receive:
❖ **Dedicated Chat Platform:** Attendees will have access to a dedicated chat platform (channel), to discuss, and ask queries, event after the training.
❖ **VantagePoint:** Attendees will be competing in a CTF like fashion on an invite only platform, but instead of finding flags, they will be finding and exploiting real world vulnerabilities.
❖ **Recorded Training:** The training attendees will also be given a lifetime access to our online recorded trainings on reverse engineering.
❖ **Training content:** All the content used in this training will also be provided to all the participants, i.e. presentation, POC apps, notes, exploit codes etc.

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