



EXP-301 (OSED) Windows User Mode Exploit Development

Summary:

Learners master 32-bit exploit development and reverse engineering, learning to bypass DEP, ASLR, craft ROP chains, and create custom Windows shellcode. These skills strengthen security and enable quick vulnerability detection. Successful exam-takers receive the OSED certification.

Great For:

- Exploitation Analysts
- Vulnerability Assessment Analysts
- Cyber Defense Analysts
- Cyber Defense Incident Responders

Learn:

- Custom Shellcode
- Reverse Engineering Bugs
- Stack Overflows with DEP/ASLR bypass
- Format String Specifier Attacks
- Custom ROP chains and ROP payload decoders

Benefits:

- **Advanced Cybersecurity Skills:** The exploit development and reverse engineering skills and techniques taught in this course make it easier to address cybersecurity threats. (Studies show companies that take a proactive approach to cybersecurity have 53% fewer breaches than those that don't).
- **Regulatory Compliance:** Avoid potential fines and penalties and maintain a positive reputation by exceeding regulatory requirements.
- **Competitive Advantage:** Ensure the highest level of protection of customer and proprietary data and maintain your competitive advantage while protecting your brand.
- **Employee Retention:** Invest in your best and brightest with advanced training opportunities. Stronger cybersecurity protections and a happier team is a win/win

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