HACKINGPOINT

Advanced Infrastructure Hacking

4 day class

Get Certified

Advanced Track

This class continues the Infrastructure Hacking series

- Understanding Advanced Hacking techniques for infrastructure devices and systems is critical for penetration testing, red teaming, and managing vulnerabilities in your environment.
- Students will become familiar with hacking techniques for common operating systems and networking devices.

You will have access to:

- State-of-the-art hacklab with relevant tools and VMs
- Dedicated Kali VM to each attendee
- A hacking lab for 30 days after completion of the course. Scripts and tools are provided during the training, along with student hand-outs.

WHO SHOULD TAKE THIS CLASS

- System administrators
- SOC analysts
- Penetration testers
- Network engineers
- Security enthusiasts
- Anyone who wants to take their skills to the next level

CLASS CONTENT

Check Point
SOFTWARE TECHNOLOGIES LTD.

Day 2

- Windows desktop "Breakout' and AppLocker bypass techniques (Win 10)
- Local privilege escalation
- A/V & AMSI bypass techniques
- Offensive PowerShell tools and techniques
- Post-exploitation tips, tools and methodology
- Active Directory delegation reviews and Pwnage (Win 2012 server)
- Pass the Hash/Ticket
- Pivoting, port-forwarding and lateral movement techniques

Day 4

- Breaking and abusing Docker
- Kubernetes vulnerabilities
- Exploiting insecure VPN configuration
- VLAN hopping
- Hacking VoIP
- B33r 101

Day 3

- Linux vulnerabilities and configuration issues
- User/service enumeration
- File share hacks
- SSH hacks
- X11 vulnerabilities
- TTY issues, SSH reverse tunneling
- Restricted shells breakouts
- Breaking hardened webservers
- Local privilege escalation
- Post-exploitation

Day 1

- IPv4 and IPv6 basics
- Host discovery and enumeration
- Advanced OSINT and asset discovery
- Mastering Metasploit
- Hacking application and CI servers
- Hacking third-party applications (Wordpress, Joomla)
- Hacking databases
- Windows enumeration and configuration issues

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