iGNITE Technologies

ACTIVE DIRECTORY

Penetration Testing + Red Team Tactics

Master Active Directory: Advanced Attack for Red Team & Defense Strategies for Blue Team

Deep Dive into Active Directory Security – Redefine Your Expertise
This isn't just another course—it's a complete transformation of how you approach Active Directory (AD). Designed for security analysts and pentesters, this advanced, hands-on program goes beyond the basics, teaching not only how attacks happen but also the root causes and strategies for prevention.

Why This Course Stands Out:

- Learn every attack type—from privilege escalation to lateral movement.
- Uncover misconfigurations that make AD vulnerable and their real-world implications.

Practical Mastery:

- Live Practice Sessions: Tackle real-world challenges with guidance from experienced trainers.
- Dive into upgraded content, featuring the latest attack methods and defense strategies.

Root Cause Analysis:

- Move beyond surface-level detection—understand why attacks succeed and how to fix systemic flaws.

Expert Trainers:

- Get insights from industry veterans who have worked on enterprise-level breaches and top-tier defenses.

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COURSE OUTLINE

M1 Reconnaissance

- BloodHound
- Kerberos Bruteforce
- BloodyAD
- Ldeep
- Net RPC
- PowerView
- pywerview
- RPC Client

M2 Credential Access

- Shadow Credentials Attack
- ASReproasting
- Kerbroasting
- AD User Comment
- GMSA
- LAPS
- pre2k
- Reversible Encryption

M3 Privilege Escalation

- Constrained Delegation
- Unconstrained Delegation
- DMSA
- PetitPotam
- DACL
- ADCS Attack
- RBCD

M4 Persistence

- AdminSDHolder
- Computer Accounts
- DC Shadow Attack
- DSRM
- Golden Certificate Attack
- Skeleton Key

M5 Lateral Movement

- Pass the Hash Attack
- Pass the Ticket Attack
- Pass the Certificate
- Pass the Ccache
- Over Pass the Hash

M6 Domain Dominance

- NTDS
- Diamond Ticket Attack
- Sapphire Ticket Attack
- Golden Ticket Attack
- DCSync Attack

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