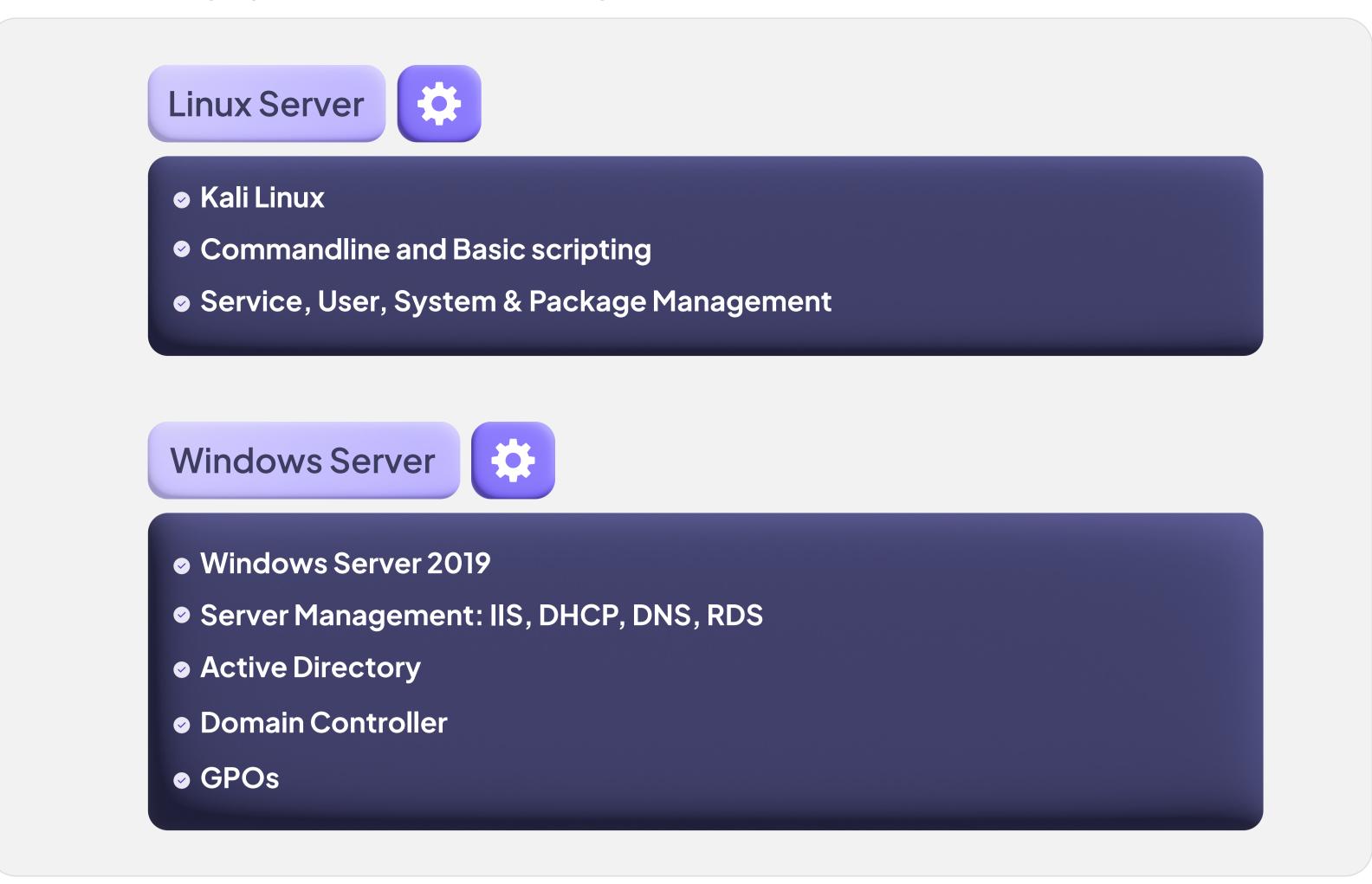
Operating System & Server Management



Network Fundamentals & Network Security



- OSI & TCP/IP models
- Network Protocols
- Topologies and devices
- IP subnetting
- Network Mapping
- Network sniffers
- Wireshark
- tcpdump
- Network Miner
- Rumble
- nmap, Zenmap

Oversecurity

Security Appliance & Devices



Fortinet Fortigate Next Generation FW

Fortinet IPS-IDS, WAF, Web Content Filter

Cryptography



- Public Key Infrastructure
- Cryptographic protocols
- Hashing, Encoding, Obfuscation

Cloud Fundamentals, Security



- CIS Cloud Security Framework
- AWS Security Hub
- ScoutSuite
- CloudMapper
- Prowler

Vulnerability Management



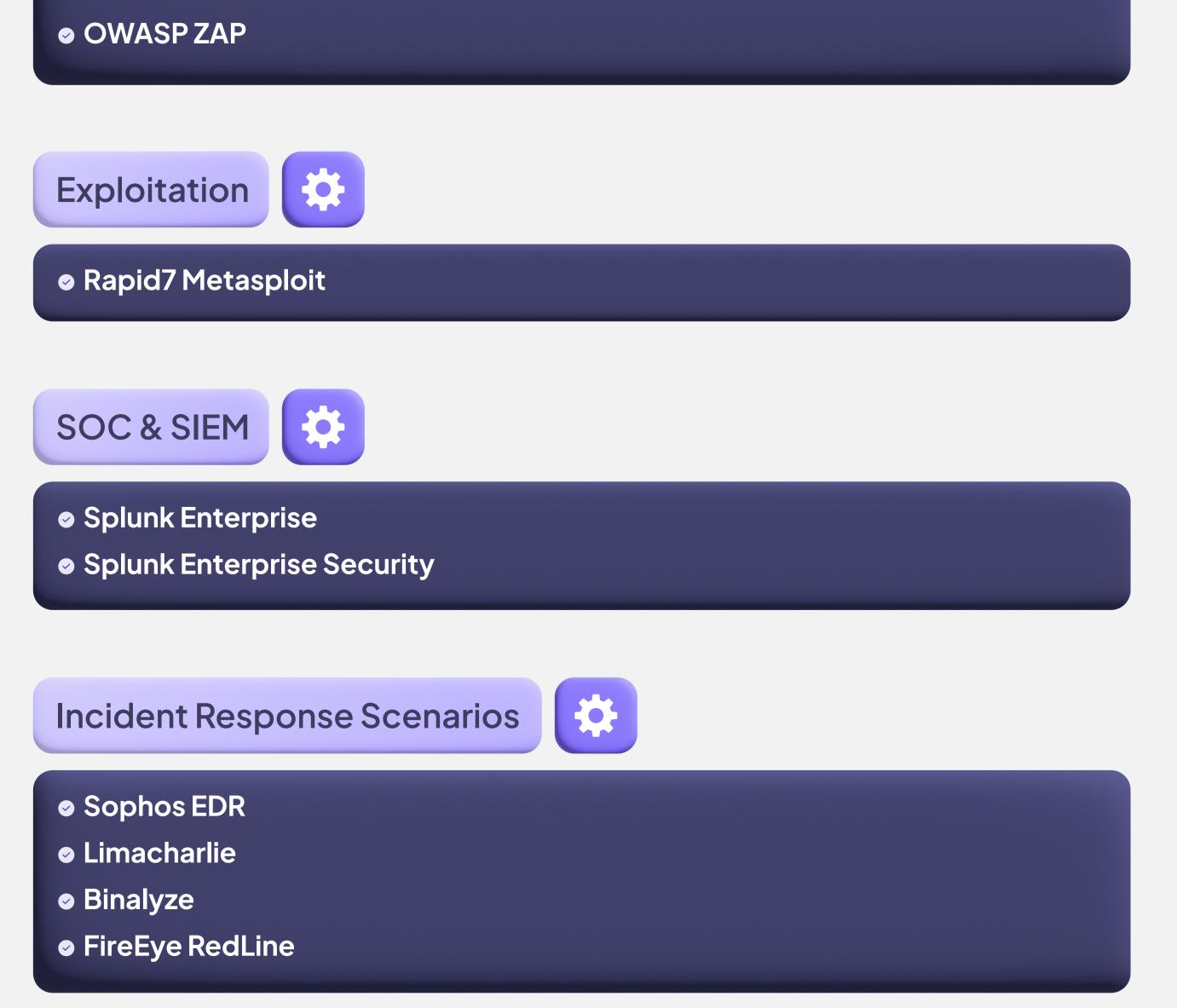
Nessus Tenable

Web Application Security



OWASP TOP 10

- HCL AppScan, (IBM AppScan)
- Burp Suite Professional



OAK Academy students will be eligible to use above tools for a year

