

RANGEFORCE



Supercharge your Security, IT, and DevOps teams with hands-on cyber skills training

Acquire technical security skills virtually:

Affordable, learning in place, always accessible from any browser.

Defend against real-world attacks:

real multi-stage attacks, real users, real environments, real security tools, real results.

Create prescriptive learning paths:

Standardize curriculums to match industry or compliance criteria. Set individual learning paths.

Gain actionable insights: Assess and understand individual and team performance and skill levels against benchmarks.

Address cyber skills shortages:

Identify top candidates and internal talent. Quickly and effectively cross-train and upskill.

Build team cohesion:

Optimize individual and team training through challenges and CyberSiegues.

RangeForce CyberSkills Training Platform

REALISTIC NETWORK SIMULATION

RangeForce's simulation environment delivers advanced training to defend against cyber attacks on enterprise networks that reflect real-world environments.

CYBER RANGE & ATTACK BOTS

With an integrated Cyber Range and automated Attack Bots, run blue team exercises using malware and techniques from stealthy targeted attacks right out of the headlines.

SECURITY STACK INTEGRATION & TRAINING

Your security stack is built directly into our cyber range with hands-on training modules developed to optimize operations.

VIRTUAL TEACHING ASSISTANT

Get timely support and advice when you need it from our Virtual Teaching Assistant to master complex subject matter.

GAMING ENGINE

A gaming engine turns training lessons into engaging and dynamic learning experiences, while adding the right amount of competition to keep things interesting.

PREScriptive ROLE-BASED LEARNING & MODULES

Over 300 training modules integrated into roles-based learning paths and assessments that cover SecOps, Incident Response, Forensics, ICS, DevSecOps, and Application Security.

COMPREHENSIVE REPORTING DASHBOARD

Individual, team, and executive dashboards and reports deliver actionable quantitative analysis driving training that turns average teams into experts.

CLOUD-BASED PLATFORM-AS-A-SERVICE

The RangeForce platform is the most advanced integrated cloud-based cyber skill training and cyber range. Always accessible. No need to buy or manage additional hardware or software.

Security Tools - PCAP Forensics

Lab Description

- Introduction
- Files In The Network
- Extracting Data**

Instructions **Material** Feedback

Extracting Data

With your preliminary investigation on the virus do everything is secure and the traffic encrypted. If make sure that there are no plain text passwords m

You remember that you can easily **filter out what** passwords you need to filter out POST requests.

Investigate the .pcap file further v

What is the password the user "MozellRobb" answer

What is the password for the user "Manag" answer

Wireshark Packet List:

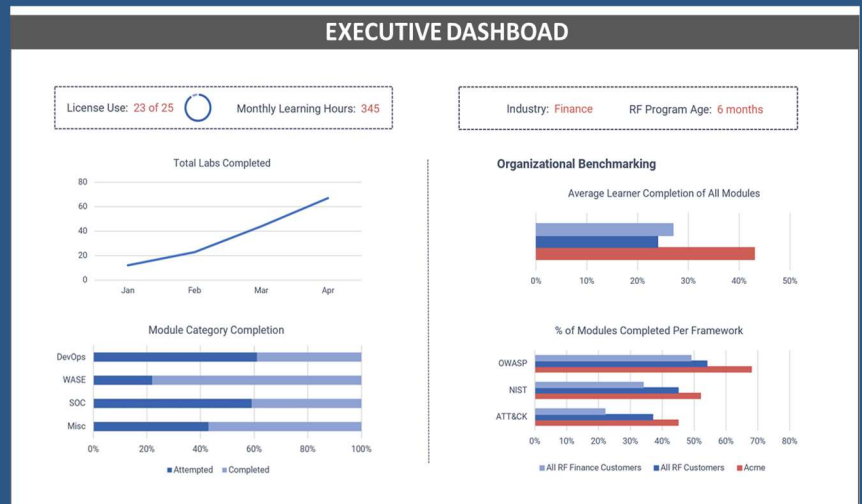
No.	Time	Source	Destination	Protocol	Length	Info
8520	0.007902	192.168.1.100	192.168.1.100	HTTP	1000	GET / HTTP/1.1
8521	0.008560	192.168.1.100	192.168.1.100	HTTP	1000	POST / HTTP/1.1
8721	0.043691	192.168.1.100	192.168.1.100	HTTP	1000	GET / HTTP/1.1
8821	0.272660	192.168.1.100	192.168.1.100	HTTP	1000	POST / HTTP/1.1
8921	0.506750	192.168.1.100	192.168.1.100	HTTP	1000	GET / HTTP/1.1
9021	0.876283	192.168.1.100	192.168.1.100	HTTP	1000	POST / HTTP/1.1
9121	0.923688	192.168.1.100	192.168.1.100	HTTP	1000	GET / HTTP/1.1

Wireshark Packet Details (Frame 4):

- Ethernet II, Src: Pcs, Dst: Pcs
- Internet Protocol Version 4, Src: 192.168.1.100, Dst: 192.168.1.100
- User Datagram Protocol, Src Port: 5000, Dst Port: 5000

100% HANDS-ON TRAINING
 In RangeForce's integrated cyber range and training platform, users learn and hone their skills by practicing in an on-demand real-world environment that includes leading security tools like Splunk, CISCO, YARA, Wireshark and more.

MEASURE & SHARE YOUR SUCCESS
 Reporting and dashboards from individual to executive levels assures training goals are met, risks are reduced, and security operations are optimized.



Threat Hunter | 13 Modules, 3 Challenges & 2 Exercises | 20hrs of Training

Week	Week 2	Week 3	Week 4	Week 5	Week 6
Mission 1 Yextend Malware Analysis Adv Logging Linux	Mission 2 Password Cracking IOC Scanning Backdoor Challenge	Mission 3 Netcat Intro Threat Intel STIX/TAXII Advanced Detection 1	Mission 4 Identifying False Positives Privilege Escalation Obfuscation Challenge	Mission 5 Reverse Engineering Ghidra IOC, Proxychains & Port Knocking Advanced Detection 2	Mission 6 OpenSMTPD RCE Threat Miner Threat Hunter Capstone Challenge



EFFICIENTLY OPERATIONALIZE CYBERSECURITY TRAINING

Get started with RangeForce's prescriptive learning curriculums, which cover the primary security operations roles and levels. Easy to configure and deploy in the RangeForce Manager Interface, prescriptive learning will get your team started with advanced security training in a matter of a few hours.