



Introduction to Linux OS and Linux hacking techniques

Length	Nanomodule
Collection	Cyber Heroes
Updated	November 23, 2021
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Academic Levels	Undergraduate
Topics	
Link	https://clark.center/details/deeepraji/59355446-1925-4143-91eb-1aac5010fecf

Description

In this micromodule we will learn the basics of Linux OS, Crond, and shell commands such as touch, nice, and locate. We also will create a port scanner using shell scripting technologies and schedule it run on a specific time.

Notes

The learning object features a video tutorial with closed captioning. Please use the links in the 'URLs' tab to view it.

Outcomes

- Demonstrate basics of Shell scripting.
- Apply Linux OS concepts and hacking techniques

Alignment

The standards and guidelines this learning object is mapped to

- CAE Cyber Defense (2019) - Basic Scripting and Programming (KU3): Write simple and compound conditions within a programming language or similar environment (e.g., scripts, macros, SQL).
- NICE Workforce Skills (2020) - S0067: Skill in identifying, modifying, and manipulating applicable system components within Windows, Unix, or Linux (e.g., passwords, user accounts, files).

Links

External links that are associated with this learning object

- [A Quick Port Scanning Tutorial](#)
- [Linux and Unix Port Scanning With netcat \[nc\] Command](#)
- [Introduction to Linux Command Line for Pentesting](#)