



Workshop Overview

January 2022 – Extension Activity

8 Jan 2022



UNIVERSITY OF MARYLAND
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Agenda

- Welcome (5 min)
- Introductions (15 min)
 - Name
 - State
 - School Name
 - Grades Taught
 - Cyber-Related Classes / Topics Taught
- Workshop Overview (8 minutes)
- Raspberry Pi Introduction (8 minutes)
- Hardware Boot and Troubleshooting (25 minutes)



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Workshop Overview

Introduce and have participants use and run several cybersecurity-related software programs in Kali, running on the Raspberry Pi (RPI).

- Introduce the affordable hardware environment of the RPi
- Practice using Kali Linux and Linux commands at a command line interface (CLI)
- Explore a few of the many pre-installed cybersecurity-related programs on Kali Linux



Organization of the Workshop

- Introduction / Practice with Kali
- Network forensics with Wireshark
- Password auditing using John the Ripper

