IoT Penetration Testing Methodology

1 Hour Remaining

Instructions Resources Help  100%

Module 10: IoT Penetration Testing Methodology

Objective

The objective of this module is to help students learn how to assess IOT device firmware.

The following activities will be performed in the lab:

* Obtain a copy of the devices firmware
* Identify the type of firmware file system
* Explore the devices file system
* Analyze the types of files
* Run the firmware with an emulator

Scenario

This module is designed to provide the necessary practice and knowledge for locating and identifying vulnerabilities in IOT firmware. The ability to first acquire, and then extract and emulate an images firmware is a critical component for performing IOT hacking.