

Ransomware Teacher Instructions

Introduction

This workout is built to simulate a ransomware attack. Ransomware is a type of malware that encrypts a user's files and then requests the infected user send the attacker bitcoin in exchange for the decryption key. The malware also attempts to spread to other machines on any connected networks.

Instructions

Students should in to the host machine using Cybergym as the username and Let's Workout! as the password. Once logged in they should look at the files on the desktop. One of the files is the application "Free Vacation.exe". This application will encrypt all of the files on the desktop. Once encrypted the icons on the desktop will change and when the student attempts to open any of the files it will display a ransom note and instructions to retrieve the decryption key.