



NICE Challenge Project

Challenge Submission Report

<https://portal.nice-challenge.com/reports/verify/33D78-8839-97736/>

Submission ID: 59080

Timestamp: 11/23/2021 4:55 PM UTC

Name: Harsha Siddapura Gnaneshwara Harsha Siddapura Gnaneshwara

Challenge ID: 3

Challenge Title: Dangerous Drives



This report has not been published by a curator. The NICE Challenge Project cannot vouch for its accuracy.

Scenario

A USB thumb drive of unknown origin or owner has been found in the office. I need you to check and verify that the thumb drive does not contain any malicious software that could infect and damage the company's valuable data.

Duration

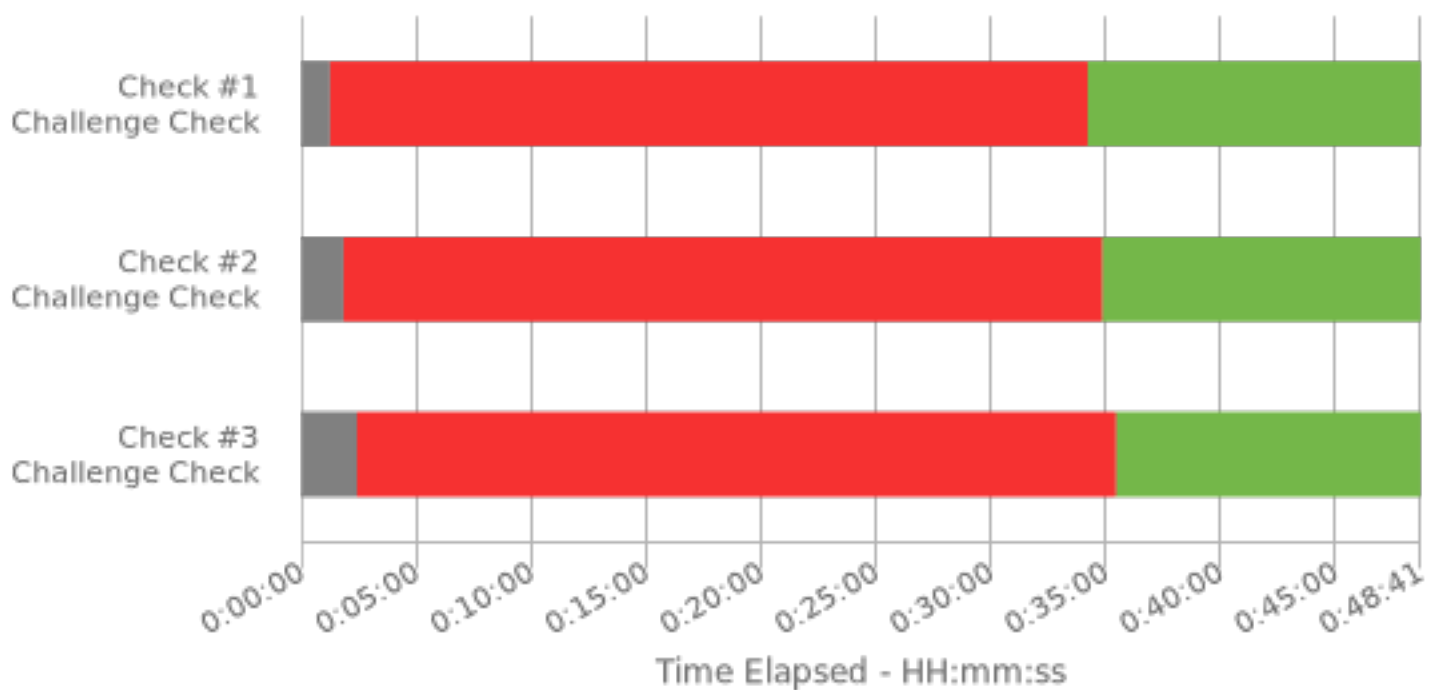
0:48

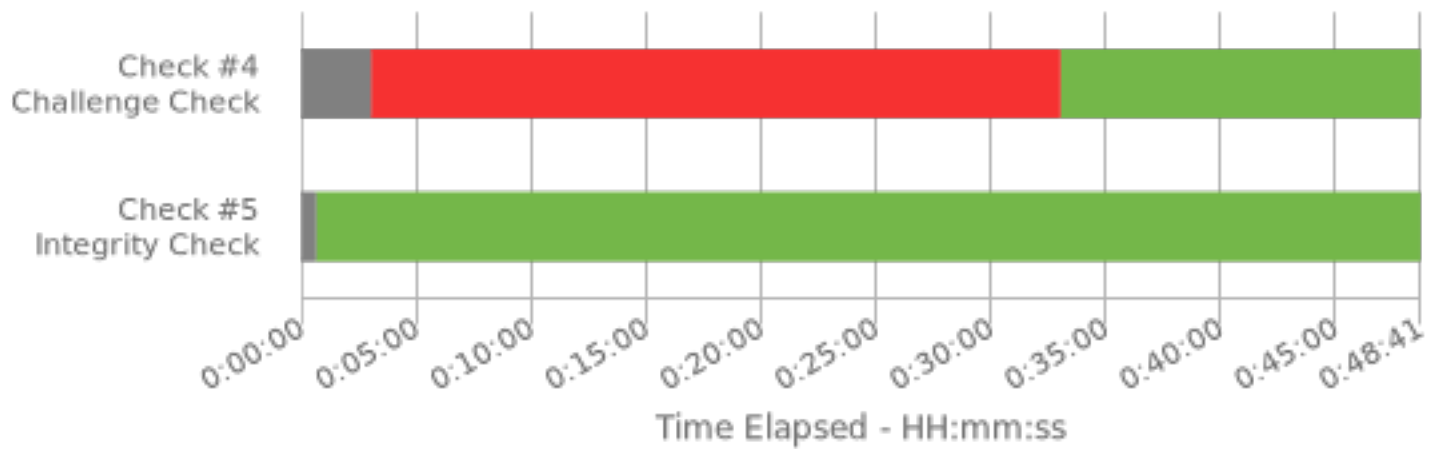
Full Check Pass

Full: 5/5

Final Check Details

- ✓ Check #1: Remove Infected File No.1 [Approx. 3m Refresh]
- ✓ Check #2: Remove Infected File No.2 [Approx. 3m Refresh]
- ✓ Check #3: Remove Infected File No.3 [Approx. 3m Refresh]
- ✓ Check #4: Remove Infected File No.4 [Approx. 3m Refresh]
- ✓ Check #5: Maintain File Integrity -Should be green-





Specialty Area

Digital Forensics

Work Role

Law Enforcement/CounterIntelligence Forensics

NICE Framework Task

T0285 Perform virus scanning on digital media.

Knowledge, Skills, and Abilities

- K0017 Knowledge of concepts and practices of processing digital forensic data.
- K0060 Knowledge of operating systems.
- K0117 Knowledge of file system implementations (e.g., New Technology File System [NTFS], File Allocation Table [FAT], File Extension [EXT]).
- K0132 Knowledge of which system files (e.g., log files, registry files, configuration files) contain relevant information and where to find those system files.
- K0133 Knowledge of types of digital forensics data and how to recognize them.
- K0187 Knowledge of file type abuse by adversaries for anomalous behavior.
- S0067 Skill in identifying, modifying, and manipulating applicable system components within Windows, Unix, or Linux (e.g., passwords, user accounts, files).
- S0073 Skill in using virtual machines. (e.g., Microsoft Hyper-V, VMWare vSphere, Citrix XenDesktop/Server, Amazon Elastic Compute Cloud, etc.).
- S0092 Skill in identifying obfuscation techniques.

Centers of Academic Excellence Knowledge Units

- Cybersecurity Foundations
- Cybersecurity Principles
- Cyber Threats
- Intrusion Detection/Prevention Systems
- Operating Systems Concepts
- Vulnerability Analysis