



NICE Challenge Project

Challenge Submission Report

<https://portal.nice-challenge.com/reports/verify/9014F-A42A-70164/>

Submission ID: 99774

Timestamp: 11/16/2023 1:11 AM UTC

Name: Joshua Kisner

Challenge ID: 175

Challenge Title: Social Site Stoppage [NG]



Scenario

Our CEO has decided that he wants to stop employees from spending company time on social media. We need you to implement a method of blocking access to these websites.

Reviewed By: Solomon Zewde at Houston Community College

Duration

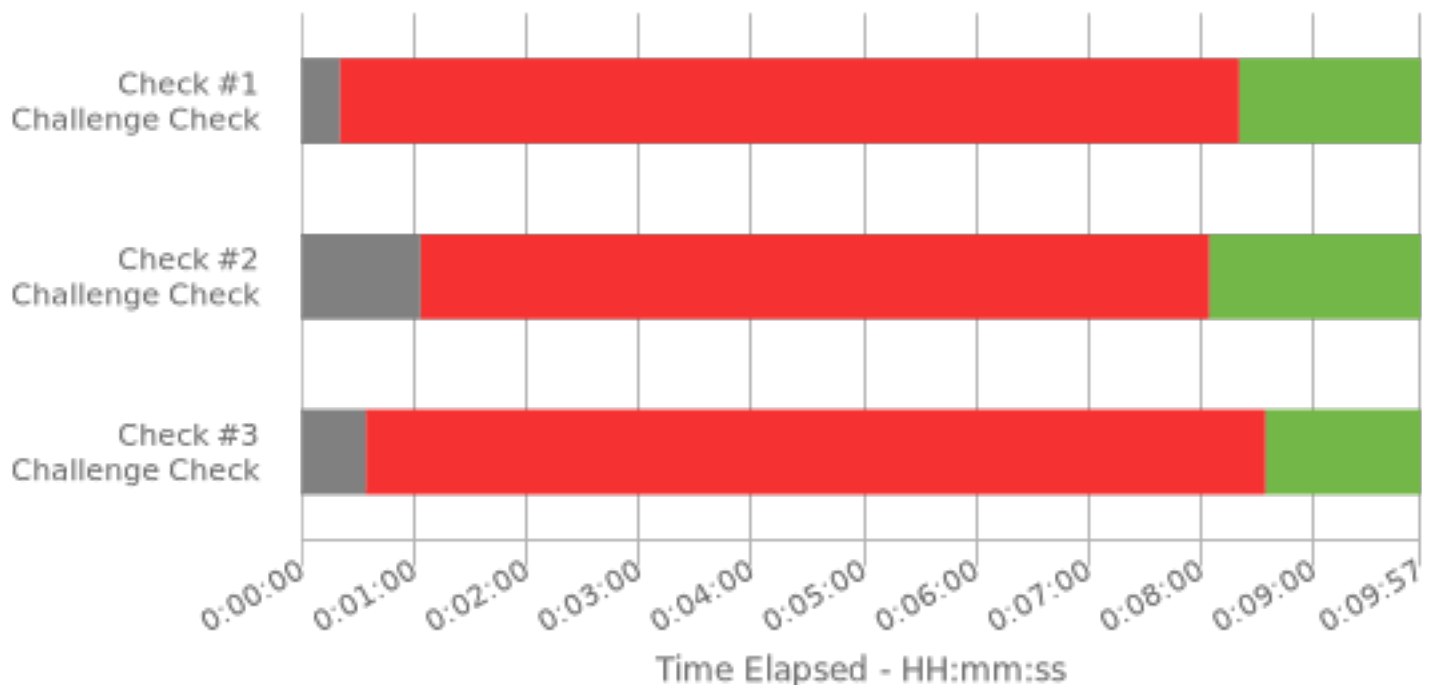
0:09

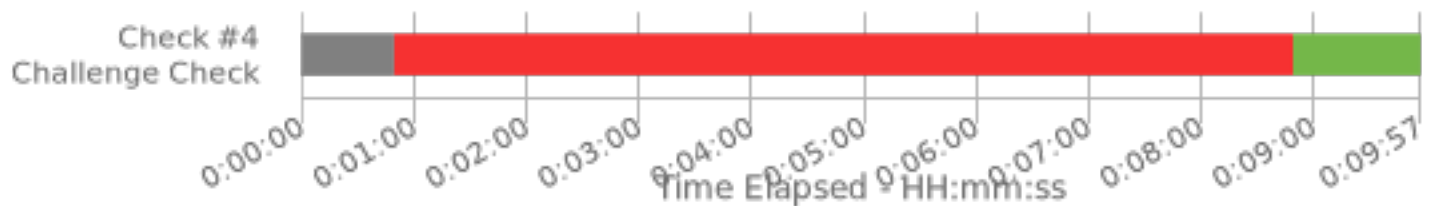
Full Check Pass

Full: 4/4

Final Check Details

- ✓ Check #1: youtube.com Being Routed to 0.0.0.0
- ✓ Check #2: twitter.com Being Routed to 0.0.0.0
- ✓ Check #3: facebook.com Being Routed to 0.0.0.0
- ✓ Check #4: instagram.com Being Routed to 0.0.0.0





Specialty Area

Network Services

Work Role

Network Operations Specialist

NICE Framework Task

T0232 Test and maintain network infrastructure including software and hardware devices.

Knowledge, Skills, and Abilities

- A0052 Ability to operate network equipment including hubs, routers, switches, bridges, servers, transmission media, and related hardware.
- A0055 Ability to operate common network tools (e.g., ping, traceroute, nslookup).
- K0001 Knowledge of computer networking concepts and protocols, and network security methodologies.
- K0010 Knowledge of communication methods, principles, and concepts that support the network infrastructure.
- K0061 Knowledge of how traffic flows across the network (e.g., Transmission Control Protocol [TCP] and Internet Protocol [IP], Open System Interconnection Model [OSI], Information Technology Infrastructure Library, current version [ITIL]).
- K0111 Knowledge of network tools (e.g., ping, traceroute, nslookup)
- K0135 Knowledge of web filtering technologies.
- K0332 Knowledge of network protocols such as TCP/IP, Dynamic Host Configuration, Domain Name System (DNS), and directory services.

Centers of Academic Excellence Knowledge Units

- Basic Cyber Operations
- Basic Networking
- Digital Communications
- IT Systems Components
- Network Technology and Protocols
- Operating Systems Administration