NICE Challenge Project

Challenge Submission Report

Submission ID: 72891

Timestamp: 8/6/2022 12:14 PM UTC

Name: Richard Compton

Challenge ID: 163

Challenge Title: Backup everything in case of... Ocean? [NG]

Scenario

The accountant had an accident with his laptop and needs his backed-up files put temporarily on the Workstation-Desk PC. Upon review of the situation our security analyst notes that the status of our core infrastructure backups is shaky at best. To get back on track you need to help restore those files for the accountant and resolve some backup issues with Windows and Linux servers.
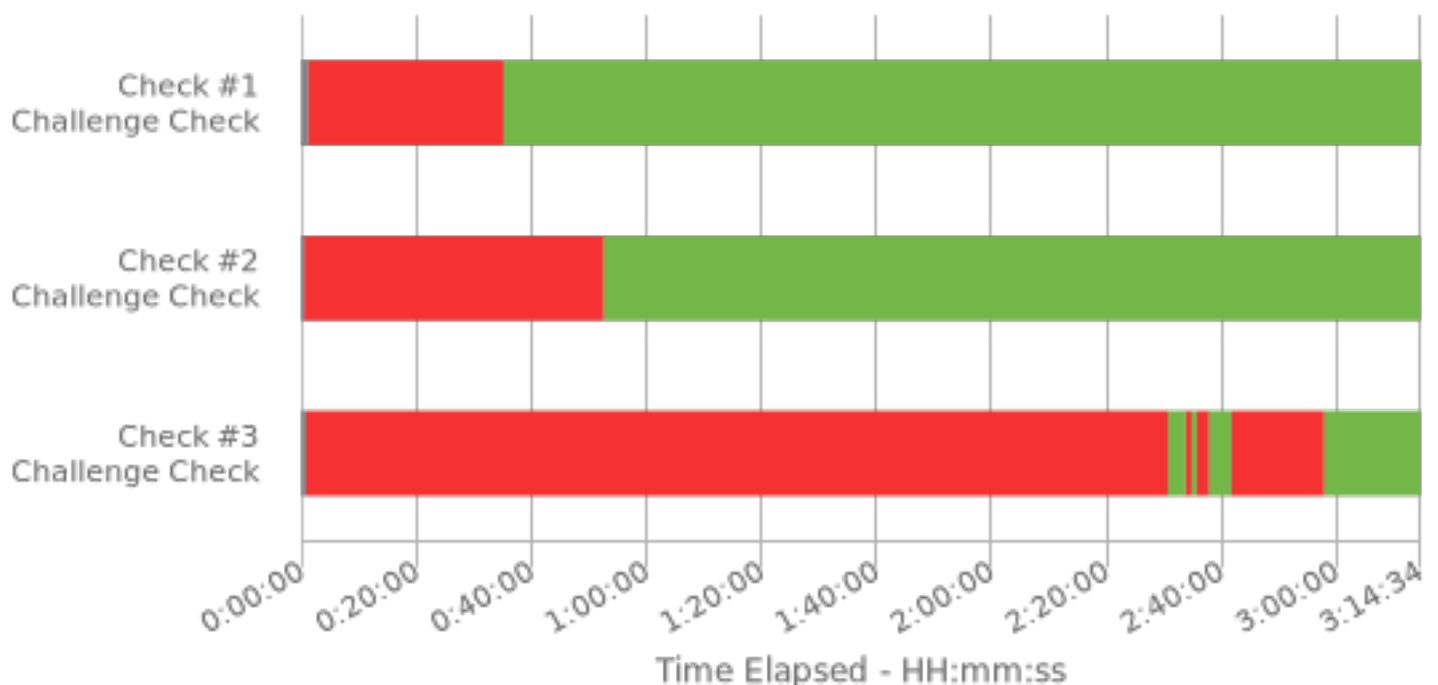
Duration

3:14

Full Check Pass

Full: 3/3

Final Check Details

- ✅ Check #1: Restore Brimlocks files to Workstation
- ✅ Check #2: Configure full system backup of the Domain Controller to Backup server
- ✅ Check #3: Ensure Database_backups.tar.gz continuously generated and stored on Backup server

Specialty Area	Work Role
Systems Administration	System Administrator

NICE Framework Task

T0186 Plan, execute, and verify data redundancy and system recovery procedures.

Knowledge, Skills, and Abilities

• K0021 Knowledge of data backup and recovery.

• K0056 Knowledge of network access, identity, and access management (e.g., public key infrastructure, Oauth, OpenID, SAML, SPML).

• K0060 Knowledge of operating systems.

• K0077 Knowledge of server and client operating systems.

• K0088 Knowledge of systems administration concepts.

• K0100 Knowledge of the enterprise information technology (IT) architecture.

• K0158 Knowledge of organizational information technology (IT) user security policies (e.g., account creation, password rules, access control).

• K0318 Knowledge of operating system command-line tools.

• K0346 Knowledge of principles and methods for integrating system components.

• S0143 Skill in conducting system/server planning, management, and maintenance.

• S0151 Skill in troubleshooting failed system components (i.e., servers)

Centers of Academic Excellence Knowledge Units

• Data Administration

• Databases

• IT Systems Components

• Operating Systems Administration

• Operating Systems Concepts