Undergraduate Cyber Warfare Training (UCWT) ICF

Practice Training Mission vD

SCENARIO BACKGROUND:

Duty Assignment: You have just been assigned as the Officer in Charge (OIC) of the Network Infrastructure section at the 81st Communications Squadron, Keesler AFB, MS. You lead a 7-member team responsible for providing information technology (IT) operations and maintenance (O&M) support and network infrastructure configuration management for multiple network enclaves (NIPRNet, SIPRNet, etc.).

Details: As part of an AFIN "Configuration" Focus Group (FG) aimed at improving overall network security and performance, the Keesler AFB NIPR network enclave was selected for a larger "Readiness, Operations, and Lethality Enabled by Information Technology" (ROLE IT) effort. For several months, starting in late 2021, the FG successfully completed network updates and configuration tests to ensure compliance with DISA Security Technical Implementation Guides (STIGS) as well as improve network operations. After these changes, the majority of test bases reported that they had initially experienced improved network operations, but began to encounter network degradation and outages impacting Cisco device models (2960, 3560, 3750, 2911).

OPR: Base Communication Squadron

PRIORITY: High

ENCLAVE: NIPRNet

ACTIONS: These tasks represent a change to the current base configurations at MAJCOMs across CONUS, PACAF and USAFE base locations utilizing Cisco network device models (2960, 3560, 3750, 2911). These actions ensure proper implementation of the AFIN configuration baseline.

ATTN: 81 CS (ECD: next business day)

TASK 1: Troubleshoot & resolve incorrect configurations on Cisco device models (2960, 3560, 3750, 2911) within impacted network enclave.

TASK 2: Update Remote-3560 (85 EIS) multi-layer switch hostname to standard naming convention.

REMARKS: Impacted units are allotted an Authorized Service Interruption (ASI) window of 2 hours to accomplish remediation of misconfigurations.

REPORTING REQUIREMENTS: Offices of Primary Responsibility (OPRs) will report compliance via AFNetOps Compliance Tracker (ACT) and report "Totals Corrected" with fix actions within 72 hours upon receipt.