

Time Meeting 5-20-2025  
SDCC/SCDF

# SCDF Cybersecurity Scans

- SCDF/SDCC is obligated to scan all systems at the facility for cybersecurity vulnerabilities
- A deadline has been set with BHSO/DOE and Cybersecurity to accomplish the first scan by May 31.
- Given imminent start of data taking at RHIC, priority is to complete this initial scan of RHIC related subnets at the facility this week.
  - RHIC startup delays may allow scanning to extend into next week (Note Monday is a holiday)
- Scanning windows:
  - Tues 5/20 (today) through Thurs (5/22) - RHIC related subnets
  - Tues 5/27 through Thurs 5/29 - Other subnets

# Scanning Details

- Type of scan involved is a “Credential” scan
  - Scanning on the system, not scanning from the network
  - Limited “poking” of network ports, typically the source of scan related disruptions
- Scanning limited to data center resident equipment.
  - STAR/sPHENIX counting house equipment on subnets connected into the SCDF internal network fabric are NOT SCANNED
- Information on subnets on the initial scan list was distributed last week.
- Goal is to have no impact on facility operations

# Scanning Details

- RHIC subnets to scan split into two groups
  - CPU Farm subnets - Compute nodes
    - Homogeneity allows for early scanning of selected subnet (Preparing to scan today)
    - Results of early scan will drive en masse scanning of remaining CPU subnets (Expect to scan on Wednesday)
  - Other Subnets
    - Mix of system types (Services)
    - Some subnets host services/servers used by other groups
    - Strategy still in development.