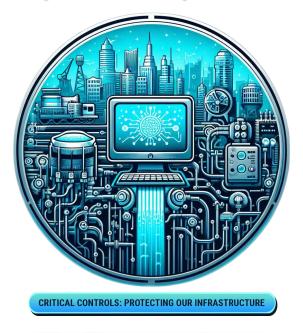
NORTHEAST COLLEGIATE CYBER DEFENSE COMPETITION (NECCDC) 2024



Regional: Mar 23 – 25 2024

Hosted by

PACE UNIVERSITY

NECCD

In Coordination with

In Partnership with





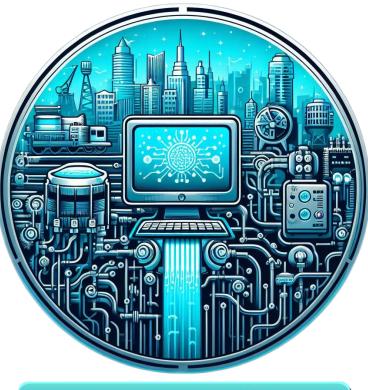
Good Morning Competitors, Alternates & **Coaches!**





Roger Williams University





NECCDC 2024 Sponsors Thanks fo your support!

NECCDC 2024 Current Sponsors



PACE

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FORTRA



Raytheon An **RTX** Business

CISCO Academy

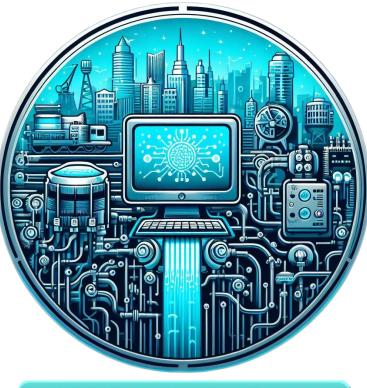






can be don

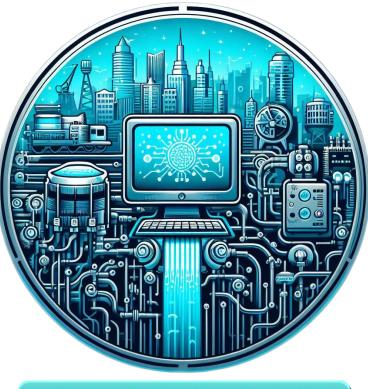




NECCDC 2024 Event Schedule

NECCDC 2024 Event Schedule - Mon 3/25 - Day 3

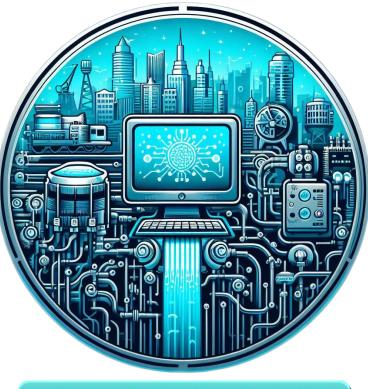
Start	End	Activity	Location
8:30 AM	9:30 AM	Breakfast (informal	Student Center,
		breakout)	Welcome Center Student Center,
9:30 AM	10:00 AM	Keynotes	Welcome Center
10:00 AM	10:40 AM	Panel Discussions	Student Center,
10.007.00	10.107.00		Welcome Center
10:45 AM	12:30 PM	Debrief & Awards	Student Center,
10.45 AM	12.00 FW		Welcome Center
12:30 PM	2:30 PM	Lunch, Career Networking, Peer Networking	Student Center, Welcome Center



Please save

all questions

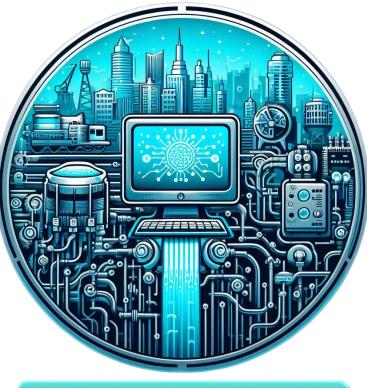
for the OS





NECCDC Black Team

- New Systems
 - Technology is moving faster than ever
- Identity Management
- Orchestration / Containerization
 - Audit what you have
 - Authentication
 - Configuration
- Assume Compromised
- Troubleshooting



NECCDC 2024 White Team Feedback

NECCDC 2024 White Team Feedback - General

<u>RTFQ! Please!!!</u>

- Follow the format of the welcome inject for inject document naming
- Legitimate users need to be able to use their accounts
- Please don't upload files to VirusTotal use free version hash comparison
- Executive Summaries should *summarize key points* in language that *executives* will understand
- Don't depend on To Do list in Google Classroom for all injects
- Provide evidence & submit on time!
- Mods can look young, but aren't blue team :) ask them for requests to NECCDC officials

NECCDC 2024 White Team Inject Review

Inject Title	Average Points Earned
Preliminary Assessment	34%, 10/10
Kubernetes Log Visibility and Compliance	18.3%, 9/10
Backups	73.8%, 10/10
Centralized Kubernetes Audit Logs	21.8%, 8/10
Backups Cost Money	24%
Password Policy	48%, 10/10
Securing Kubernetes Application	26%, 8/10

NECCDC 2024 White Team Inject Review

Inject Title	Average Points Earned
IT-OT Boundary Restrictions - Firewall	44.4%, 10/10
IT-OT Boundary Restrictions - Network Policies	27%, 10/10
External Audit User - Part 1	40.6%, 9/10
Kubernetes Cluster Upgrade	40.5%, 10/10
External Audit User - Part 2	46.6%, 10/10
External Audit User - Part 3	23.4%, 10/10
Media Outreach Fact Sheet	55.5%, 9/10

NECCDC 2024 White Team Inject Review

Inject Title	Average Points Earned
GitOps Deployment	47.3%, 10/10
ADCS Certificate Enrollment	24.4%, 10/10
Threat Actor	55.2%, 10/10
Create an Emergency Patching Policy	34%, 10/10
Exit Survey	81.3%, 9/10

has emerged as a strong foe in the energy sector. It utilizes advanced tactics, methods, and procedures (TTPs) to breach security and compromise vital infrastructure. In order to

NECCDC 2024 White Team News Reporter Inject

- Please do not talk about incidents to the press if you're not authorized
 - \circ $\,$ Don't lie to the press, that'll come back to bite ya later $\,$
- If you have a sign-in sheet, check what's being written
- No pictures in restricted areas!
- Few barriers to entry
 - Reporter likely saw confidential information
- Know what your company does please
- No one let us plug in the USB!!!
 - Or check her email



NECCDC 2024 White Team Moderator Highlights

- Teams were all viewed as professional calm & driven, communicative, cordial, respectful, sense-of-humor :)
- Standouts were those who:
 - had clear roles & responsibilities
 - had strong leadership who delegated / managed tasks
 - checked in regularly about deadlines & deliverables
 - thought ahead
 - came together when hitting roadblocks
 - used tools effectively, e.g., post-its, whiteboards, electronic communication
 - had experience troubleshooting & problem-solving
 - used AI / Google searches effectively (e.g., for troubleshooting errors, short scripts)
 - evaluated risk / reward of various options in decision-making
 - reached out to the correct communication channels

NECCDC 2024 White Team Moderator Highlights

• Recommendations

- Investigate updated commands ifconfig may not be best command depending on UNIX
- Use sed/awk and other command line utilities to filter results
- Understand the software that you are using
- Learn to break down problems into smaller ones to solve
- Communicate with everyone not just have 1-2 people talking
- Learn to be receptive to all opinions & accept constructive criticism gracefully
- Try to cross-train, don't have a single point-of-failure / dependence on a single individual
- Don't let challenges bring you down analyze, figure out possible solutions & move forward
- Reach out for assistance earlier
- Make sure you double-check bringing everything that you need :)
- Focus on incident response quick identification & remediation
- Ensure there is a clearly defined leader
- Celebrate wins!



NECCDC 2024 Red Team Feedback

