

Cyber Defense Organization

Fall 2018 Debrief



We Are the Cyber Defense Organization

Sharing Practical Skills for Practical Situations. Our purpose is to help train students in the fundamentals of cybersecurity, and train for different competitions such as CCDC and other local events.



Workshops

Every week we hope to introduce a technical topic related to cybersecurity and have you work with it.



~Competitions



NATIONAL
COLLEGIATE
CYBER
DEFENSE
COMPETITION

~CNY HACKATHON - 13 Members

Max Kirby - Most Improved
Ally Beerle
Andrew Willman - MVP
Andrew Sussmann
Elvis Gadtaula
Noah Beadle - Most Improved
Daunte Kinsey
Liam Smith
Sarah Granston
Scott Bush
Anthony Capece III - MVP
Tyler Blanco
Mike Mieses - Most Improved



~CNY HACKATHON



UBNETDEF V5 - Buffalo, NY

~/18 Members for Red vs Blue competition

~/Sent two teams



~Member Growth

- 2016 Cyber Defense Organization was created
 - ~ 20 members
 - ~ 7-10 person average attendance
 - ~ Monthly Workshop
 - ~ One competition/year

2018

- ~ 220 Members
- ~ 35 Person Average Attendance
- ~ Weekly Workshop
- ~ 6 Competitions/year

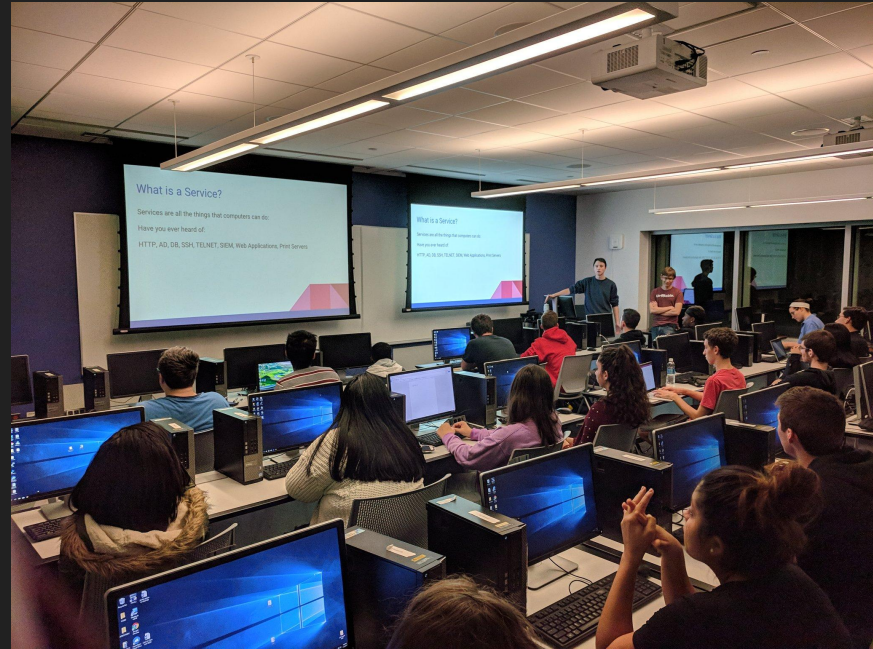
We keep growing

~Member Growth

2016 ~ 7-10 average attendance



2018 ~ 35 average attendance



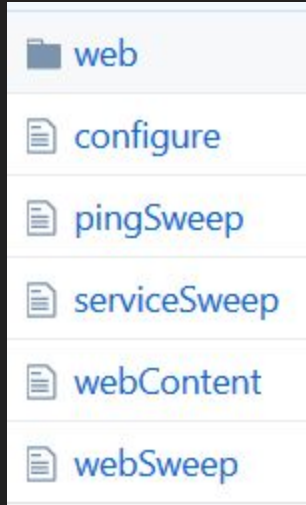
Whats next? - Server

- ❖ Purchased Server
- ❖ Infrastructure for members to train
- ❖ Host competitions (red vs blue)
 - Head to head competitions
- ❖ Provide members a environment to learn / train
- ❖ Build machine -> Destroy them

Possibilities endless

Whats next? - Internal Competitions

- ❖ Building scoring engine for internal red vs blue
 - Andrew Willman & Anthony C
 - Devs, If you are interested hit us up - Especially PHP & HTML



```
anthony@ubuntu:~/Documents/Programming/CDO/CDO-ScoringEngine$ ls  
cleanscript  configure  information.txt  mycron  pingSweep  serviceSweep  web  webContent  webSweep  
anthony@ubuntu:~/Documents/Programming/CDO/CDO-ScoringEngine$
```

Whats next? - Red vs Blue Competitions

- ❖ Collegiate Cyber Defense Competition
 - 12 Members total
 - In Vermont this year - March 15-17, 2019
 - Qualifier in **JANUARY**

More on NECCDC2019 -- www.neccdc2019.org

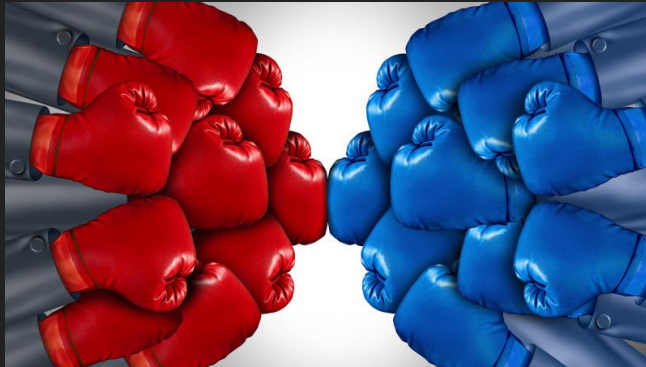


Whats next? - Red vs Blue Competitions

- ❖ CNY 2019
- ❖ UBNetDef v6 !!!



And MANY More we are currently looking to get a team to compete in.



Whats next? - Workshops

- Physical Security
- More on AWS
- Penetration Testing
- Malware?
- Member's get involved!

Social Media/Community

- Join the discord!
- <https://discord.gg/57k8Vq>

- Club Updates
- Interest Groups
- Training Material
- Get help with projects

The screenshot shows a Discord server interface for 'UAlbanyCDO'. The left sidebar displays a list of channels: # announcements (selected), SPECIAL, # dmz, # robotspam, # eboard, GENERAL, # general, # memes, INTEREST-GROUPS, # linux, # windows, # firewall, # penetration-testing, # reverse-engineering, # programming, # rochesterinstituteofalbany, # news, # count-to-20, VOICE CHANNELS, and # General. The main window shows the # announcements channel with several messages from 'HappyCamper'. The messages include announcements about a cancelled workshop, a running workshop, a CCDC practice session, a server naming competition, and executive board meetings. A Google Docs link for the 'CDO: Server Naming Contest' is also visible. The right sidebar shows a list of members, including 'ROBOT-1', 'God', 'HappyCamper', 'Liam Smith', 'MarkTretyak', 'Andrew W.', 'HEY GAMERS', 'Hollywood', 'Zach L', 'stew3254', and 'Andrew Sussmann'.

UAlbanyCDO

announcements

HappyCamper 11/04/2018
@everyone Our 3:00 workshop on Cloud Security is cancelled for today.

November 30, 2018

HappyCamper 11/30/2018
@everyone Tyler's running his cloud security workshop today! Come through 88121

December 3, 2018

HappyCamper Last Monday at 7:27 PM
@everyone yes we still have CCDC practice tonight

December 5, 2018

HappyCamper Last Wednesday at 8:34 PM
@everyone Don't forget we are having a server naming competition. Here is the link to submit your suggestion. The winner will be compensated somehow https://docs.google.com/forms/d/e/1FAIpQL5cBqUVo2DPR5OGd81A10b7TRixapRissUoiPh1zQRrx_vE7jQ/viewform

Google Docs
CDO: Server Naming Contest
Guidelines
The name of the server must be:
Something appropriate
Funny,
and bonus points if it comes in a set.
(So the naming scheme could be done across new servers)

HappyCamper Last Wednesday at 10:57 PM
@everyone FYI Executive board meetings are open for anyone to come and listen. They are on Saturdays at 3PM in the Business Building

December 7, 2018

HappyCamper Today at 10:02 AM
@everyone Dont forget, **End of the Year Pizza Party** is **TODAY ROOM BB0010 at 3PM** There will be kaboot.... Also enter your submission for the name our server contest here https://docs.google.com/forms/d/e/1FAIpQL5cBqUVo2DPR5OGd81A10b7TRixapRissUoiPh1zQRrx_vE7jQ/viewform

ROBOT-1
God
EBOARD-3
HappyCamper
Liam Smith
MarkTretyak
MEMBER-4
Andrew W.
HEY GAMERS
Hollywood
Zach L
CLARKSON-1
stew3254
OFFLINE-25
ipi8
Ally
Andrew Sussmann
Devin
domoya

Social Media/Community



- Follow the twitter





Tweets
144

Following
111

Followers
105

Likes
62

Following

Tweets

Tweets & replies

Media

UAlbany Cyber Defense Retweeted



WRCCDC @wrccdc · Nov 30
Hello WRCCDC Competitors,
Due to organizational changes the invitationals has been postponed. We will post next week on Wednesday with updates and when Invitational 3 will take place. Sorry for the last minute... facebook.com/wrccdc/posts/2...

1

3

2

UAlbany Cyber Defense Retweeted



Damira Pon @DamiraUAlbBiz · Nov 30
Full house at @ualbanyCDO @awscloud workshop presented by

Who to follow · Refresh · View all



Leet Cyber Security @leet...
Follow



Nickolas Bax @Nickolas_Bax
Follow



UAlbanyECE @UAlbanyECE
Follow

Major Accomplishments

- ❖ Finally got that Server
- ❖ The most amount of people interested for competitions ever.
- ❖ Most active semester by far for the organization in terms of weekly meetings.

Server Naming

Put in suggestions ASAP VOTING AFTER!

>> <https://goo.gl/k3ngBE>

Thank you - Feedback

What do you guys want to see?

Event ideas, etc

Workshop ideas

Meeting Times

Member Presentations

Branding, Tell your friends about CDO. Let's make UAlbany known for CyberSecurity

- New Logo too

Eboard Meetings

OPEN TO EVERYONE

USUALLY 3PM every Saturday

Come talk to us! We want your input

Pizza time

Please form a line in the back

Kahoot

