

Facebook Capture the Flag: NECCDC Game Masters

James Bowden & Zachary Ivey

Sponsor: Ken Graf

Department of Computer Science, University of New Hampshire



University of
New Hampshire

Introduction

During the New England Collegiate Cyber Defense Competition or the NECCDC, twelve teams of ten competed to “conquer the world”. Each question that they answer correctly captures the respective country, awarding them points, in addition to incrementing points from holding bases

Methods

- ❑ The provisioning script was created to automate the installation and start up of FBCTF servers, so that future FBCTF events can be created easier.
- ❑ The question import script was created to automate inserting questions from a self validating CSV file to the MySQL Database.
- ❑ The System Manager Script was written to automatically create a base out of any new server.

Contacts

For more information contact:

James Bowden: Jmb2017@wildcats.unh.edu

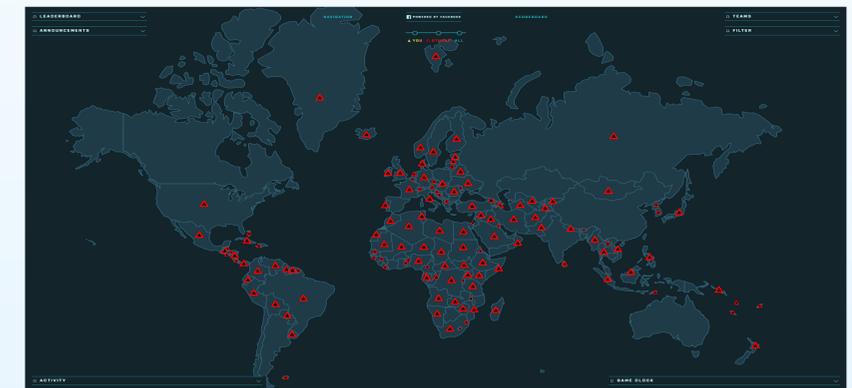
Zachary Ivey: Zji2001@wildcats.unh.edu

Results

- ❑ On March 18th 2018, NECCDC Game Masters held the Capture the Flag competition.
- ❑ The event ran for an hour.
- ❑ 12 teams of 8 to 10 students competed.
- ❑ Team Wario won with 10130 point, Second place was taken by team Sephiroth with 9000 points.

filter_	rank_	team_name_	quiz_pts_	flag_pts_	base_pts_	total_pts_
🇺🇸	1	WARIO	12800	0	0	10130
🇯🇵	2	SEPHIROTH	15100	0	0	9000
🇩🇪	3	GLADOS	15800	0	0	8905
🇮🇹	4	KERRIGAN	12100	0	0	8850
🇬🇷	5	ARTHAS	10200	0	0	8300
🇨🇦	6	DIABLO	12800	0	0	8270
🇩🇪	7	ZEUS	9400	0	0	8000
🇯🇵	8	DONKEY KONG	8700	0	0	6830
🇯🇵	9	HANDSOME JACK	7700	0	0	5900

Discussion



Facebook Capture the Flag or FBCTF has some limitations:

- ❑ It only allows for one question to be entered in at a time.
- ❑ The process for entering in a question is long and tedious. There close to 180 countries.
- ❑ If you use the same country in two different questions or bases, it will crash the game.

Goals

- ❑ Participants to network with people outside of their schools.
- ❑ To test their Cyber Security knowledge.
- ❑ Participants to have a fun time competing against each other.

