

# EE/CprE/SE 492 Weekly Report 6

Report Coverage: 03/11/2019

Project Title: Security Orchestration Platform

Client: "The Company"

Advisor: Doug Jacobson

Team Members:

- Adam Crosser (Implant and EDR Testing Developer)
- Logan Kinneer (Implant and EDR Testing Developer)
- Daniel Limanowski (Frontend Lead)
- Vijay Uniyal (Frontend Developer)
- Justin Roepsch (Frontend Developer)
- Paul Chihak (Implant and EDR Testing Lead)

## Weekly Summary

This week our team continued research and development on the project.

## Past Week Accomplishments

### Group Accomplishments

- Communicating with project stakeholders.

## Individual Contributions

Brief summary of individual team contributions given below.

| Name              | Individual Contributions                                                           | Hours this week | Hours cumulative (for second semester) |
|-------------------|------------------------------------------------------------------------------------|-----------------|----------------------------------------|
| Adam Crosser      | Began work on configuring CloudFront and developing domain fronting functionality. | 4               | 24                                     |
| Daniel Limanowski | Converting React to Django frontend by                                             | 6               | 31                                     |

|                |                                                                                                                                                                                                                                                                           |   |    |
|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---|----|
|                | refactoring existing Python code and creating new templates and views.                                                                                                                                                                                                    |   |    |
| Vijay Uniyal   | Better understood acme client and getting a function web server with nginx up and running                                                                                                                                                                                 | 4 | 26 |
| Logan Kinneer  | Worked on getting Cuckoo's REST API working, and looked into other ways of customizing Cuckoo                                                                                                                                                                             | 3 | 26 |
| Paul Chihak    | Figured out that there is a way to get Cuckoo working on AWS which means that we could use the AWS that we got from PWC and host Cuckoo on that and skip all the extra work that i've been fighting the past month.                                                       | 4 | 26 |
| Justin Roepsch | Started basic steps of using the loggers created last week.<br><b>Blocked:</b> Need Daniel to finish migration he has been working on before I can truly work on it. Also, need to get healthier, as some illness in the second half of the week has made work difficult. | 2 | 27 |

## Plan for the Upcoming Week

- **Adam Crosser:** Continue work on implementing domain fronting
- **Daniel Limanowski:** Finish refactoring of Python/Django code to make the application run without the overhead of React.
- **Vijay Uniyal:** Get a nginx web server fully up and running and start understanding how to set it up as a front for our web app.
- **Logan Kinneer:** Determine what the limitations AWS will impose on Cuckoo.
- **Paul Chihak:** Start looking back into malleable C2 since it is looking like Cuckoo will not take as much time as originally anticipated.
- **Justin Roepsch:** Start using the loggers to log. This should happen this time, as the migration was promised to be completed early Spring Break.