

sdmay19-39: ISEAGE Traffic Generator

Week 2 Report

September 13 - September 29

Team MembersDustin Ryan-Roepsch — *QA*Matthew Vanderwerf — *Architect*Joshua Wallin — *Requirements Engineer*Ethan Williams — *PM***Summary of Progress this Report**

Began implementing minimum prototype, to verify the integrity of our design.

Pending Issues

Our biggest issue is still source address rewriting. It turns out the mitmproxy only works for http traffic. Now looking into SNAT to see if that would be viable.

Plans for Upcoming Reporting Period

We should support ssh login brute force, wget, and snort packets in the task runner, and have a decided on a python library for the configuration files.

Individual Contributions

Team Member	Contribution	Weekly Hours	Total Hours
Dustin Ryan-Roepsch	Met with client to talk about research done the previous reporting period, began considering alternatives for the problems that arose during the discussion.	3.5	7.5
Matthew Vanderwerf	Met with client to talk about research done the previous reporting period, began research into packet manipulation solutions.	4	10
Joshua Wallin	Met with client to discuss research and outline configuration format; reviewed documentation on Scapy (unlikely to use)	3	3
Ethan Williams	Met with client and team to discuss our previous research and plan ahead for the next sprint on what we want to accomplish	3	6

Gitlab Activity Summary

Nothing to report.
