CprE/ SE 492

Iseage Traffic Generator

<u>Report 2</u>

January 30 - February 13

Client & Faculty Advisor: Doug Jacobson & Julie Rursch

Weekly Summary:

We have the ISEAGE environment set up and updated our plans and tasks based on the insights we got from having a functional environment.

Team Members:

Dustin Ryan-Roepsch: Quality Assurance

Matthew Vanderwerf: Architect

Josh Wallin: Requirements

Ethan Williams: Product Manager

Past Week Accomplishments:

The ISEAGE environment turned out not to be able to be run on the original machines given to us so Julie set up some other machines for us and we were able to get them installed in their proper location. At this point, we were able to get a better idea of what our next steps would be so we spent a lot of time organizing and assigning work and updating our project plan and deadlines.

Pending Issues:

We need to figure out how to get our own VMs up and running for a blue team and for our tool. After we get these set up we can put our tool in there and start testing the existing functionality within the environment. Some issues we think we might run into are source address rewriting and the dealing with the environment's network configuration in general.

Individual Contributions:

Team Member	Contribution	Weekly Hours	Total Hours
Dustin Ryan-Roepsch	Moved machines to basement with Julie. Swapped components around to get 3 functioning machines. Realized the whole thing won't work anyway. Got credentials on 3 working machines from Doug. Began installing operatings systems / setting up environment for traffic generator.	5	10
Matthew Vanderwerf	Planned out the deployment environment of our tool within Iseage. Thanks to docker I was free to choose the most optimal OS/libraries.	2	5
Josh Wallin	Updated tasks for the upcoming week, planned for semester update presentation; scheduled future meeting for machine configuration	2	4.5
Ethan Williams	Created Trello	2	6

	tasks for our next moves now that we have working machines and scheduled meetings with the team for various tasks and class requirements.		

Plans for Coming Week:

We plan on getting VMs successfully set up for the test blue team and for our tool. We want to finalize the deployment process to get our tool out and testing which will probably be about as far as we can get. Testing and getting the tool to work in the environment will probably be done in the week following this next one.