Cpr/SE 491 Weekly Report   MAY15-06   Week 2 (9/6/14-9/12/14)

Advisors: Joseph Zambreno   **Client:** Curtis Schwaderer (IP Fabrics, Inc)

Members (roles):

Andrew Heintz (Team Leader and Team Key Concept Holder)

Altay Ozen (Team Communication Leader)

Abraham Devine (Team Webmaster)

Project Title: Network Forensics User Interface

Weekly Summary

Set up weekly meetings with advisor on Friday at 2:15 (All, 9/11)

Set weekly group meetings: Tuesdays after class and Friday after advisor meeting (All, 9/12)

Created a mailing list for the group (ipfabrics491@iastate.edu – Andy, 9/8)

Installed Xplico on Linux virtual machine (2 of 3 got it installed – Andy and Altay, 9/10-11)

Picked major tasks to research or complete for next week (All, 9/14)

(More details can be found below in Individual Contributions)

Meeting Notes:

9/12   Advisor Meeting

Duration: 30 min   **Members Present:** All

Briefly discussed progress from last week

Determined we need to come more prepared to meeting

9/14   Group Meeting

Duration: 150 min   **Members Present:** All

Discussed pending issues that need resolving this week (see below)
Determined what areas need further researching (see pending issues)

Discussed what software we could use to develop web site
Could use wix, weebly or a free CSS template site
Need verify that these are acceptable to use for our project

Talked about JNI as a solution to Java/C integration
Problems with JNI – Platform dependent & Poorly documented
JNI is sort of its own language – Blend of C++ and Java

Looked at high level design and what needs further details
Unsure what is needed to interface between DeepSweep and Xplico

Pending Issues

Problem: Need a copy of DeepSweep program and/or API
Solution: Will contact client to obtain copy of it

Problem: What licensing issues are there for Xplico?
Solution: Assigned task to research this to Andy

Problem: What other alternatives to Xplico are there?
Solution: Assigned task to research this to Abe

Problem: Need outline for the project plan from Dr. Mani Mina
Solution: Will ask Dr. Mina in class on Tuesday

Plans for next week

Figure out how live stream works (Altay, 4 hours)
Figure out how to load and examine pcap files (Andy, 5 hours)
Prepare demo for adviser at weekly meeting (Altay/Andy, Part of above tasks)

Research licensing implications (Andy, 3 hours)
Research/Look at source code / API for Xplico (Everyone, 2 hours)
Research (Java preferred) alternatives to Xplico (Abraham, 4 hours)

Work on project plan, if template is available (Everyone*, Unknown*)
Work on putting together a basic web site (Abraham, 4 hours)
Ask client for and work with DeepSweep (Altay, 2 hours)

* Will assign specific parts and times to individuals once we have the project plan

(See Next Page for contributions/hours!)

Individual Contributions (this week)

Names	Time Spent	Date Finished	Details of Task	How it got Completed	Why is it Important
Andrew Heintz	5 hrs	9/11	Installed Ubuntu	Installed Virtualbox with Ubuntu 12.04	Xplico runs only on Linux
Andrew Heintz	2 hrs	9/11	Installed Xplico on Ubuntu	Installed via first set of instructions here: http://wiki.xplico.org/doku.php?id=ubuntu	Xplico is one of the major components of our project
Altay Ozen	4 hrs	9/10	Installed Kali	Installed Virtualbox with Kali	Xplico runs only on Linux
Altay Ozen	3 hrs	9/10	Installed Xplico on Kali	Installed via these instructions: http://www.r00tsec.com/2011/08/howto-install-xplico-on-backtrack5.html	Xplico is one of the major components of our project
Abraham Devine	3 hrs	9/11	Installed Kali	Installed Virtualbox with Kali	Xplico runs only on Linux

Total contributions for the project

Andrew Heintz (9 hrs)

Altay Ozen (9 hrs)

Abraham Devine (5 hrs)