

The Codefather Inc.
Spring Term Weekly Report 1

Last semester:

Last semester we examined mail protocols like POP3 and SMTP. We design a prototype for project. This one is decoding SMTP and POP3 packages and extract data from SMTP packages. However, the packages (that must be SMTP or POP3 packages) must be ordered. We test our prototype with pcap files that contains SMTP and POP3 packages. The result was good but, since we have a little knowledge about machine learning we did not use it in our prototype. Also we did not implement a database too.

İrfan:

Since last season, I interested in the Input module. I thought about the structure of the Input Buffer and tried to find a way to implemet the functions those classify and put the input data in a way that auto sensing module and submodules can easily reach and and evaluate on the data. I found out that if I concentrate on the SYN and FIN bits of tcp header, I can find the begining and end of the conservations between client and server.

Hüseyin:

In the first semester, I have analysed SMTP and FTP protocols. About the points that I read and learned in the first semester, I thought about how to make implementation wtih them. I also analysed more samples of packages to identify more differences in the contents of the packages of those protocols to better the algorithm.

Erol

Last semester i deal with SMTP and POP3 protocols, pcap files that is consructed with network packages(SMTP and POP3 packages), use some programs that sniff and analyze packages. Although we did not use database in our prototype design, i though about how to design our project's database.

Kadir

Although it is not directly related to our project, I have studied CISCO CCNA(Cisco Certified Network Associate) course notes namely (Cisco Networking Academy v4.0). This process is ongoing since this is a huge document. And also I have studied about how msn protocol is designed and what are the technical details of it. There are binaries(executables) to sniff and analyze the msn protocol. I have used and examined them.

Next Week:

This week we will be looking for implementation methods of the input module and try to find some more alternative methods for auto sensing module. This alternative methods are for looking the topic in a wider angle and evaluate data with different considerations. Also we will be making last decisions before starting the implementation.