

## WinstonSoft Weekly Report #5

What has been done this week:

- POP3 recognizer module has been cleaned from bugs and finalized.
- GUI is improved.
- Basic SVM class is tested and found inefficient with its current parameters.
- FTP recognizer module is almost finished lacking the feature of capturing the downloaded files via FTP.

What is going to be done next week:

- Connection and FTP classes will be modified for capturing the downloaded files via FTP.
- Text-based protocols will be finalized for the first demo that is going to be held on 4 April.
- GUI is going to improved in order to include all capabilities of our current demo version.
- Database module will be initiated.
- New SVM parameters are going to be pondered upon, implemented and tested.

**Elvan Gülen:** This week, we didn't perform any significant work. I (with Can) just handled some errors that were occurred in POP3Matcher Class and then tested the ACCIPP with online captured packets and offline pcaps. Since the first demo will be held on 4 April, we should work hard and be ready for the demo. So for this purpose, the next week I will work on integrating the decoder.exe with our code and work on SVM. According to the directions of Siemens, we aren't going to implement all SVM parameters that were mentioned in the final design report but still implement some of the usable ones and send these parameters as in the right way that SVMLight expects.

**Can Hoşgör:** This week I mostly worked on the user interface module and on testing the parameters for the SVM class. I improved the the code about the GUI and made small modifications. Next week, I'm planning to work more on the SVM class parameters and finalize the GUI. In addition to these, I am also planning to improve the Connection class in order to include the FTP down/up loaded file capture feature.

**İlker Erçin:** This week I have worked on the database module of the project. As I am coordinator of the senior yearbook committee, this week I have worked to find sponsors for the yearbook, this week I mostly worked on this issue so I could not spend a lot of time on the project. Next week, I'm planning to work on this issue and also if the time allows I'll start to implement the database module.

**Çağla Çiğ:** This week I spent most of the time working on the SVM parameters, however they were found inefficient so I am going to spend the next week trying to find better parameters. We will be presenting ACCIPP's demo version on 4th of April, so next week it will be crucial to implement the capturing of downloaded or uploaded files feature of the FTPmatcher class. As a result, with İlker I am going to work on this next week. In addition to this, with İlker I am also planning to integrate the database module to ACCIPP. Also as a group, we will be doing a lot of testing and debugging the following week.