

File 20110519.2331: Weekly activity report 0189:

weekly activity report 189 (loughry)

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I sent a note on 'Detecting Data Exfiltration With an Application to Insider Trading' to a friend in the Army Information Technology Agency (ITA). He had sent out an urgent call for help Monday on social media vulnerabilities and insider threats. The proposed method here is a broadening of the usual cross domain functionality of guarding plain text by matching regular expressions. It extends the matching function to the detection of euphemisms, 'talking around' classified information, or use of deliberately obfuscatory language in email. It currently uses a variation of our alternate (Hadoop based) approach to the probabilistic redaction project for the Air Force, but applied to a completely different kind of data set. I omit details here, but I filed a disclosure.

Regarding the third case study, the developer's Systems Engineering manager related this week that the government programme office had notified him that T----- from NSA I173 confirmed that the post-certification patch would go to CDTAB in June and would be approved at the next DSAWG. I have been experimenting this week with a new coding form for the other case studies that I want to use to document the evidence of CC&M for the assessors. I think it is better than the free-form method I used before, but was developed from it.

Miscellaneous: I found evidence that Update 3 to DoD 8570.01 is expected soon, and there will be changes to Table AP3. I formally requested travel funds for the UCDMO conference in August.

I came up with a supplementary argument in Chapter 1 that improves the introduction to cross domain systems for non-specialists. I still owe chapters to Dr Martin urgently.

The MPLS division graduate office requested could I please re-file the GSO.14b form. The previous deferral of confirmation did not 'take' for some reason. The paper letter I ultimately received from them had the wrong term (Hilary rather than Trinity as agreed) printed on it. I updated the GSO.14b form and sent it via Fedex to Dr Martin for his signature.

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End of WAR 0189.

## References