

# Information Security Exercise

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**Task** Consider your own laptop system and start on a risk analysis by assessing the Loss Event Frequency (LEF) using the FAIR framework<sup>1</sup>. In this part of the exercise, you will identify the risk factors relating to Loss Event Frequency.

The analysis of Probable Loss Magnitude will be asked for next week.

**Objective** Your goal is to become familiar with a structured and systematic approach to risk analysis, and be able to use it effectively.

**Submission**

1. The submission should be in the form of a single PDF document.
2. Name and email address must display clearly on the first page.
3. *Deadline* Monday 26 September 2011 by 6am in Fronter.

**Contents** A typical report should contain

**Introduction** (very brief) defining the problem

**Threats and Threat Event Frequency** Enumerate relevant threats and try to estimate a threat event frequency quantitatively. Note that the quantisation classes in FAIR may not be suitable for a small scale system like yours.

**Vulnerability** Identify the vulnerabilities in your systems, and assess them relative to the threats.

**Loss Event Frequency** Based on the analysis in the previous two sections, enumerate plausible loss events and estimate their frequency.

**Good luck**

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<sup>1</sup>[http://riskmanagementinsight.com/media/documents/FAIR\\_Introduction.pdf](http://riskmanagementinsight.com/media/documents/FAIR_Introduction.pdf)