

Information Security Exercise

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- Task** Continue the study of recent security incidents and discuss the relevant vulnerabilities and potential controls.
- Objective** Your goal is to discover the breadth of vulnerabilities we face and develop an aptitude to discover possible controls.
- 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* is Monday 5 September 2011 by 6am in Fronter.
- Contents** Select one of the two incidents you discussed in the previous exercise to continue the analysis. Additionally, look up the Newham Archive incident and make a similar analysis for that. The Newham Archive was a collection historical archeological data from an area in East London, and the incident involves of a chain of events including abrupt closure in 1998. You will find plenty of references via google.
- Outline** The document must contain (for each of the two incidents) the following:
- Summary** a brief synopsis of the incident, identifying the organisation(s) (or stakeholders) which was affected.
- List of Assets** enumerating all the assets relevant for the incident, with a short description of their value. For each asset you should also establish which of the security criteria (confidentiality, integrity, availability) are relevant, and why.
- Impact** enumerating the impacts of the incident, identifying (for each impact) which assets are affected, and which of the security criteria are broken, with reasons.
- Threat and Threat Source** identifying the threat source causing the incident, or if this is unknown, discussing plausible threat sources.
- Vulnerabilities** identifying all of the vulnerabilities which contributed to the impact. If possible, relate this to the seven COBIT criteria by identifying criteria which are directly violated by the vulnerability.

Controls suggesting possible controls which could have been implemented to reduce the impact.

References listing all the sources you have used to get information

Style Remember that this is a report as any other report, and it should be made easy and motivating to read, with the language flowing naturally, linking paragraphs and sections together in a logical way.

Good luck