

ITBU 443: Threats and Counter Measures, Writing Assignment 02

Review of a Security Thread

Assignment

This assignment is a free form assignment. Research current critical security threats. Restrict yourself to technical threats. I am not interested in social, political, or economic threats *per se*, except as the threat entails these risks. Choose one current threat. Write a brief appreciation of the threat, risks, and counter measures. “Current” means that the threat was newly identified within the past 12 months.

These sites may get you started.

- <https://www.cisa.gov/uscert/ncas/current-activity>
- <https://www.dhs.gov/topics/cybersecurity>
- <https://www.enisa.europa.eu/topics/cyber-threats/threats-and-trends>
- <https://www.aura.com/learn/emerging-cyber-threats> (see recent examples)

Organization

Your paper should be five full pages, including your references. It should be no longer than eight pages. You may organize your paper like this:

Introduction A short introduction summarizing the threat.

History Give a short history of the discovery of the threat.

Description Give a more detailed description of the threat. You may include as many parts as you wish.

Risks Discuss the risks of the threat.

Counter Measures Discuss the counter measures for the threat.

Conclusion A short conclusion summarizing what you learned from your research.

References You are not limited to the publication. If you use online references, they must reflect scholarly effort. Sources from social media or wikis do not constitute acceptable references. If your reference comes from a journal or proceeding, include the journal and page number. Published references are much preferred.