

Stephen Giorgi

CYSE 200T

Professor Kirkpatrick

9/11/22

## NIST Cyber security framework

Reading this was both very confusing and very familiar. It naturally is going to be confusing given that we are talking about the abstract concept of risk, so how this was written seems to be repeating itself. At the same time, I found it very familiar because of my military experience and the annual training that we have to do for risk management and operational security, and how we guard information in my MOS (Military occupational specialty, my "job"). That said, a few of the concepts such as documentation of the current and target state and risk management as a whole is not entirely new to me. More than likely the Marine Corps and the DoD at large use a modified version of this framework.

I feel that most organizations have something to gain from this framework. At the very least it should be used as a standard if an organization deals with any sort of sensitive information which, so long as people are employed, they do. Things like risk management seem basic but are very important. This is because while we might naturally assume the goal would be "remove all risk," this isn't possible because so long as human error or system vulnerabilities exist then risk will exist. Minimizing this risk usually requires people to maintain and monitor systems which means money, so not all businesses can afford to safeguard all their systems as tightly as they would like. So, if anything, at least one benefit of the framework is to understand where to prioritize risk.

As for how I would use this at my future workplace, I may be able to implement a couple of things depending on my MOS as an officer. If the worst-case scenario occurs and I do not work with computers, then I do not see this helping me at all. Otherwise, with the likely scenario, I could use things such as the current and target profiles to have the average marine understand what our system should look and work like and what needs to be done. As I stated before, DoD is more than likely already using a modified version of the framework, so the most I could do is make sure that we adhere to the framework we are given.