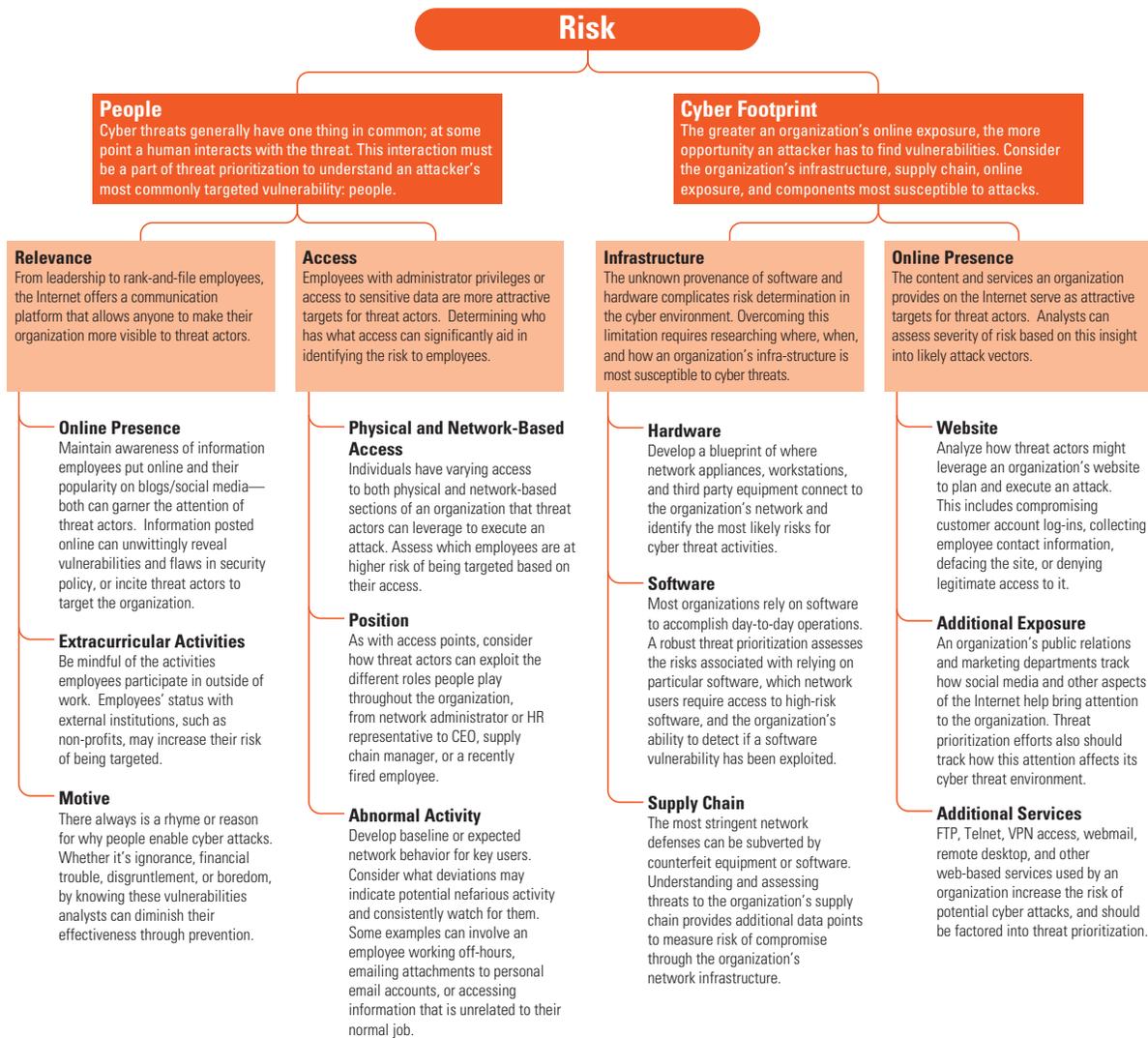


Risk

Assessing how people and the organization’s cyber footprint make the organization vulnerable to cyber attacks determines what areas within it are the most at risk of being targeted. One CITP participant’s CEO is active with companies and institutes that are separate from the organization. The CITP participant’s cyber intelligence analysts maintain an awareness of these activities, so when hackers publicly threatened attacks against one of the institutes, the analysts knew this could have implications for their organization and altered network defenses to prepare for a potential attack.



Indicators of Success

- Whether it is an employee alerting about a suspicious email they received or a vendor providing a list of bad IPs, analysts have engaged enough with individuals associated with the organization that they actively contact the analysts about issues that could alter how threats are prioritized.
- Employee feedback influences threat prioritization because analysts offer feedback mechanisms via all of their cyber intelligence communication platforms; emails, analytical products, briefings, or awareness campaigns.
- If the CEO or a junior analyst blogs about topics that likely will bring the attention of threat actors, analysts are aware of these activities and consider the position, influence, popularity, and online presence of these individuals in order to predict how they should change the organization’s security posture.
- Analysts become aware of the fact that every vulnerability is not a threat worthy of further analysis and mitigation.
- Analysts understand the organization’s operating environment well enough that with system updates and patches, they alleviate ~80% of threats; freeing them to focus on the ~20% that could significantly impact the organization.
- Analysts recognize their organization is only as secure as its supply chain. If it acquires software and analysts don’t know who did the actual coding, the code’s reliability, or to what extent it has been error tested, then they won’t know how threat actors could use potential vulnerabilities within the code to conduct an attack.
- Analysts incorporate timing into their prioritization efforts to align increases in network defenses with the different times during the year (holidays, system upgrades) when the organization’s network is most vulnerable.