

MODULE 1: CURRENT THREAT LANDSCAPES

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9/1/19

Everyday cybersecurity threats are getting more common. We have to keep on improving our ways that we protect the IT infrastructure and data from hackers. There are five stage of advanced persistent threat goes through five stages: reconnaissance, incursion, discovery, capture, and exfiltration. They are long term attacks that break into a network in multiple phases to avoid detection. Starting with some of the most common attacks. DDoS is when a server is intentionally overloaded. So, shutting down your system is a way of fixing it because then they cannot get into your network. Another attack is someone attacking on the inside such as a previous worker with a vengeance, etc. also, malware prevents the person trying to get in the network from doing any damage. Password hacks are the easiest ways in hack into someone computers and also phishing is the most common. These are prime examples' that it's harder to protect our networks and data from criminals. So, it's important for companies and small business to have thorough security plan so they can prevent these things from happening as much as possible. Such as making sure the passwords good passwords and check to see if your network is extra safe. . Another thing to add is that the criminal threats are getting more and more hard to detect and to know who is behind it. We depend so heavily on the databases and our networks because this world is slowing evolving into an all computer world. We are advancing with technology and trying to keep up which means more cybersecurity problems to face. So all in all about the framework of threats, they need to be taken seriously if not already, and businesses need to incorporate more of a handle of security in their offices. They have to realize that this is a serious issue.

Citations:

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