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CYB 210

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Data Security

The *data security* knowledge area focuses on the security of data, demonstrating how data is protected and maintained as identified throughout the phases of the security triad: confidentiality, integrity, and availability. Data security also considers the roles, responsibilities, and accountability of organizational personnel. In addition to the physical and logical aspects of protecting data, who is held accountable for these protections being implemented and maintained. For the stewards of data, how is data best managed to prevent the loss of any phase of the security triad?

I selected Data security for this CyberPlay book because it is essential to safeguard sensitive information from being accessed, lost, or corrupted by unauthorized individuals. It ensures the confidentiality, integrity, and availability of data. And with as much as we hear in the news about companies suffering data breaches, one must wonder what organizations risk when they don't implement strong data security. Far more appears to be at stake than just the necessitated confidentiality of sensitive information.

On another note, I would like to add something that was most valuable to me when I learned from the course is "Packet Tracers." I learned a lot about configuring RIP, NAT, DHCP, and DNS, and assigning different IP addresses to different servers.