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2-1 Journal: Defense in Depth (DiD)

DiD is defense in depth, which is an approach in cybersecurity. This approach in cybersecurity where a series of various defense mechanism are in place in various layers to protect data. The layering of protection is necessary so if one mechanism fails, there are other barriers to protect the data. The protection of data is necessary, and protection occurs in depth. Security layers start from the device, application, computer, network, physical, and then policies, procedures, and awareness. This depth in layers and protection is very important to have. Other aspects have to be considered for DiD. Considerations such as time, money, reputation, and operational considerations. Time is an important aspect of cybersecurity. Proper time has to be set to be able to implement the protection of data. Money is very important. A company has to be able to afford proper resources to establish and maintain security within a system. Reputation is important when trying to find the best way to protect data and to make sure the right company/team is hired to implement security. Operational considerations come into play when deciding how to have an operational team in place to manage, maintain, and update security as needed.