2-1 Journal: Defense in Depth (DiD)

Joel Meza

Professor Trevor Hodde

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The ideal design principle in Defense in Depth (DiD) is meant and used in deep emphasis on security whether its intention is to use different type of security layers to apply for this emphasis purpose. When building these different overlapping defensive layers at some level of degree it will become unnecessary to even try and avoid penetrating within the defensive system. As for the defensive layers, they all have different level of degree in administrative, physical, and technical controls in vary on the prior to its needed specified situation. Depending on the level of security called or needed in a diverse situation, some of the defensive layers will be involved which can depend in depth. Although, if these defensive layers are too many in quantity, then it may be hard to maintain or even to execute when needed because of too many defensive layers being involved to implement along with its expensive worth in cost value to sustain.

According to the matter within the system being used, when considering going through all the diverse defense layers which can take some time to reach access into the system. Would it be worth to go through so much defensive layers where it may vary on different regulation and policies? Some of these type of security protocols can be expensive in terms of cost to develop and apply, depending on if the upfront cost for the exact software or physical security in terms of maintenance fees through the annual subscription to be used. Which all this may consume more money in cost and must be controlled to a specific affordable level to be sustainable. Agreeing to sustain diverse levels of security, could be very difficult to be worth regarding to operational terms due to having extra layers of protection. This may manifest and affect a company’s reputation where the software, administrative, and physical system may be considered in case, at the time of the system protection does fail then it would let too much data to be exposed to the public and cause the company to pay fines in lawsuits for example. Layers of security protection is very important to take in consideration which puts value to a company and their clients which makes a professional and reliable system to work securely.