

## Summary Post

It has been interesting reading the view points from all my fellow classmates. I have enjoyed reading such a diverse list of topics ranging from secure design of operating systems to Intrusion Detection. The examples all seem to have a consistent pattern, which I agree with. The pattern is that whenever technology is involved, there is risk present, and we need to ensure that we mitigate the risk of attack.

My initial post, went into detail on Firewalls and Authentication. As the weeks passed by this became a very common topic among my classmates posts too, but again it was great to see such a diverse list of ideas coming together. One example of this was from Gokul who highlighted next generation Firewalls. An effective way of port management, threat protection and application layer filtering. Demian also posted a great response on Firewall Pi-Hole software, which I knew nothing about and was great to look up and learn more. Another example was Beatrice's initial post regarding endpoint security which really got me thinking about API's and how secure they really are. All organisations I know of are starting to push for implementation of API internally or externally.

As a closing summary, security is such an important factor that organisations and individuals need to think of security technology as the first line of defense and should also consider all aspects of security from Operating Systems, Software Development, networks and hardware. Organisations need to be careful not to assume that there is a one size-fits-all technology solution. The sample size from Cyber Security Breaches Survey 2021 is sufficient to show differences by policy and priorities by size and sector. Organisation's that adopt a generic guidance or one- size-fits-all solution soon discover that the actual results fit no-one.

[Virgo,P 2021]

## REFERENCES:

Virgo,P(20221) One size does not fit all - current cyber security practice as revealed by the DCMS Breaches Survey Available from:

<https://www.computerweekly.com/blog/When-IT-Meets-Politics/One-size-does-not-fit-all-current-Cyber-Security-Practice-as-revealed-by-DCMS-Breaches-Survey>

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