

## Exercise 10

A major risk to cloud-based firewalls in regards to the perimeter expansion problem lies in the fact that the perimeter in question has become essentially everywhere at once.

Workers can now access business intranets from anywhere in the world which conversely means attackers can also attack from anywhere in the world forcing the need for a complex firewall system complete with intrusion detection to combat this. Piggybacking off of this, due to the nature of the “infinite perimeter” as I have decided to call it, a single point of failure could spell disaster for the entire infrastructure with things like successful phishing attempts or MITM attacks becoming especially devastating since the bad actor can now move laterally through the system as if they belong there and it could take a while for that to get noticed if it ever does.

<https://www.zscaler.com/blogs/product-insights/why-perimeter-security-doesn-t-work-cloud>

<https://www.itconvergence.com/blog/building-a-secure-perimeter-the-importance-of-firewalling-in-cloud-managed-services/>