

Security risk assessment report

Part 1: Select up to three hardening tools and methods to implement

First of all, setting up a firewall should be the number one priority. It can be used in setting the rules to disable the unused ports. Firewall maintenance should also be done to update security configurations. 2FA or MFA should also be in place to reduce the attack surface even further.

Part 2: Explain your recommendations

Firewall should always be in place to reduce the attack surface. Because if the rules are set properly it can filter the not commonly used ports from gaining access to the network. Regularly changing and updating the rules can help improve its effectiveness. Multi factor authorization can stop threats from accessing your network because even if they are able to access some information, they cannot really login because of the multi factor authorization in place.