

Security risk assessment report

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

- 1) Password policies
- 2) 2FA (MFA)
- 3) Consistent updates or configurations of firewalls.

Part 2: Explain your recommendations

- 1) With strong password policies, it will make it difficult for malicious actors to use methods like brute force to gain access to networks
- 2) Having methods of MFA like 2FA, would help protect users from attacks like brute force. This is due to the need of a one time password to verify true identity. MFA would also protect employees from leaking their password to other employees.
- 3) As technology grows, so should the regulations of firewalls. Especially after an incident regarding traffic flow, updated firewalls would help prevent DDOS and DOS attacks.