

# Security risk assessment report

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

- Password policies
- Multifactor authentication (MFA)
- Firewall maintenance

## Part 2: Explain your recommendations

- Password policies
  - The two vulnerabilities (1) and (2). Implementing strong password policies can enhance the security and prevent attackers from easily guessing or brute force the password.
  - It is definitely not ideal to share passwords among employees' in the organization because it would be a greater possibility of having passwords exposed.
- Multifactor authentication (MFA)
  - One vulnerability (4). Since, it was reported that MFA was not implemented. It's strongly recommended to consider implementing MFA as a defense in depth to password policies.
- Firewall maintenance
  - One vulnerability (3). Having regular updates and changes made to make sure that firewalls are configured properly prevent from network intrusions.