

Security risk assessment report

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

Based on the major vulnerabilities reported after the inspection these are the methods to be implemented:

- 1.) Stricter Password policies must be applied.
- 2.) Network access privileges and MFA needs to be implemented.
- 3.) Firewall maintenance must be done.

Part 2: Explain your recommendations

According to the given vulnerabilities, The employee passwords are shared and the admin password for the database is set to default password policies must be figured out. Multi factor authentication is needed to ensure the data is secure. Firewall configurations must be made on a regular basis in order to avoid any malicious packet entering. Port filtering through firewall configurations is recommended.