

Security risk assessment report

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

Create a password policy for employees and change administrator password (implement MFA usage), port filtering and firewall management.

Part 2: Explain your recommendations

1 - Password Policy: This tool was suggested because employees share passwords between them and the person responsible for administering the database still uses the default password, and also because the company does not yet use multi-factor authentication (MFA).

2 - Port Filtering: Will be used to control network traffic and can prevent potential attackers from entering a private network.

3 - Firewall Management: Creating rules that can be updated in response to an event that allows abnormal network traffic into the network. This measure can be used to protect against various DDoS attacks.