

Security risk assessment report

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

Recommended tools/policies to implement in order to mitigate future breaches of this type:

1. Multifactor authentication (MFA)
2. Firewall maintenance
3. Password policies

Part 2: Explain your recommendations

After inspecting the organization's network, the security team has identified four major vulnerabilities:

1. employees' share passwords
2. admin password for the database is set to the default
3. firewalls do not have rules in place to filter traffic coming in and out of the network
4. Multifactor authentication (MFA) is not used

If no action is taken to address these vulnerabilities, the organization is at risk of experiencing another data breach or other attacks in the future.

Implementing MFA will help mitigate vulnerabilities 1, 2, and 4.

Implementing firewall maintenance will help mitigate vulnerability 3.

Implementing strong password policies will help mitigate vulnerabilities 1, and 2.