

Security risk assessment report

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

Implementing new and updated security measures will help to bring this company's security standards up to date to help mitigate the risk of future data breaches. Changes to password policies, and the implementation of multifactor authentication and port filtering will help to secure sensitive data and protect our customers and employees personal information and protect their privacy.

Part 2: Explain your recommendations

Updating the password policy to require more robust passwords, more frequent password changes, and enforcing a 'no sharing' policy between employees will provide a much more secure environment by denying broader access should a single password be compromised.

Implementing MFA combined with the updated password policy will add another strong layer of defense in the event that a password is compromised, denying access until two separate forms of authentication are presented. (example: password, and SMS or email authentication)