

# Security risk assessment report

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

1. Password Policies
2. Firewall Maintenance
3. MFA(Multi-Factor Authentication)

## Part 2: Explain your recommendations

It is my recommendation that the company updates their policies around how they handle passwords, Firewall maintenance and the use of Multi-Factor Authentication.

I recommend that a password policy be implemented as multiple employees share a password, making it difficult to track users in the network and leaving a vulnerability to be easily accessed.

I recommend Firewall Maintenance as no firewall has been configured, leaving the network open to potential malicious actors to access open ports and there is control over the flow of data.

Lastly, I recommend MFA(Multi-Factor Authentication) as it will require the companies employees to verify two or more times to log in, making it harder for a malicious actor to gain access to any account.