

# Security risk assessment report

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

Firewall Maintenance, Multi-Factor Authentication(MFA), Password Policies

## Part 2: Explain your recommendations

Firewall rules should be updated in response to an event that allows abnormal network traffic into the network because the organization's firewalls do not have rules in place to filter traffic coming in and out of the network. This measure can be used to protect against various DDoS attacks.

MFA can help to protect the organization against brute force attacks and similar security events. Since MFA can be implemented at any time, and is mostly a technique that is set up once then maintained.

Password Policies can be used to prevent attackers from easily guessing user passwords, either manually or by using a script to attempt thousands of stolen passwords (commonly called a brute force attack).