

Security risk assessment report

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

- a. Firewall rules maintenance
- b. Password policies
- c. MFA

Part 2: Explain your recommendations

- a. There should be a firewall rules maintenance in place because the firewalls don't have rules in place to filter traffic coming in and out of the network. If there is, traffic coming in and out of the network can be filter out in case of any security event.
- b. There should be MFA to block attackers out of customers' accounts. MFA blocks attackers out of customers' accounts.
- c. There should be strong password policies in place because employees can't share passwords and the admin password for the database shouldn't be set to default. If there are strong password policies in place, employees won't share passwords which will ensure data integrity and confidentiality. If there are strong password policies in place, an admin's password can't easily be guessed.