Security risk assessment report

Part 1: Select up to three hardening tools and methods to implement
1. One important hardening tool that has not been implemented is multifactor authentication (MFA). 2. Another one would be firewall maintenance. 3. The last would be password policies.

Part 2: Explain your recommendations
1. Multifactor Authentication is a security measure that requires a user to verify their identity in two or more ways to access a system or network. This will help against brute force attacks and it's only set up once and then maintained. 2. Regular firewall maintenance is needed since the firewalls here don't have rules in place to filter traffic coming in and out of the network. With maintenance, firewall rules can be updated in response to an event that allows abnormal network traffic into the network, like DDoS attacks. 3. Password Policies will help out with the organization's password, it will be against employees sharing passwords and admin passwords for the database being set to default. Policies will focus on using methods to salt and hash passwords.