Security risk assessment report

Part 1: Select up to three hardening tools and methods to implement
1. Password policies 2. Firewall maintenance 3. Multifactor authentication (MFA)

Part 2: Explain your recommendations
Since the organization's employees' currently share passwords and the admin password for the database is set to the default, password policies need to be implemented to increase security against events such as brute force attacks. The policies can involve frequent password changes, complex password requirements, and salt and hashing passwords. Firewall maintenance should be carried out regularly as not having rules in place to filter traffic coming in and out of the network increases the attack surface of the organization. Using Multifactor authentication adds another line of defense against security events/attacks and only needs to be set up once and then maintained.