

Security risk assessment report

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

1. Implement MFA
2. Enforce strong password policies
3. Configure and enforce firewall rules

Part 2: Explain your recommendations

It has been discovered employees are sharing passwords. Require MFA (multi factor authentication) for all user logins. Especially privileged accounts with access to sensitive systems and customer data like databases.

Change all default passwords immediately starting with the database admin account and prohibit password sharing.

Implement explicit rules on firewalls to restrict inbound and outbound traffic to only what's necessary and block any unused or unnecessary ports. This helps prevent an attacker from sneaking in through unfiltered traffic.