

Security risk assessment report

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

- 1) Multifactor authentication (MFA)
- 2) Firewall maintenance
- 3) Password policies
- 4) Baseline configurations

Part 2: Explain your recommendations

MFA is not currently implemented, but could have prevented the recent data breach. It should be part of a baseline security control.

The firewalls had no inbound or outbound rules in place, which indicates no baseline configuration was applied beyond the factory setup. This should be part of ongoing maintenance.

The sharing of passwords between employees and the fact that the database was configured with the default admin password indicates that no policy was in place. A policy should be outlined and implemented as a set of security controls.