# Security risk assessment report

| **Part 1: Select up to three hardening tools and methods to implement** | |
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| Password policies  Multifactor authentication  Port filtering | |
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| **Part 2: Explain your recommendations** |
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| Password policies: since the employees share password and the admin password is still set to default, a strong policy regulating password is necessary. Implementing this will resolve two of these problems.  Multifactor authentication: On top of weak passwords, MFA is not being used by the organization. Adding 2FA will significantly reduce the chances of data breach as it limits access.  Port filtering: unused ports are not blocked on the firewall level, as there are no rules in place to filter traffic. Setting up port filters will limit the attackers ability to access into the network |