# Security risk assessment report

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| **Part 1: Select up to three hardening tools and methods to implement** |
| The next list are recommendations for implementing and improving the security:   * Password policies * Multifactor authentication (MFA) * Disable port unused |
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| **Part 2: Explain your recommendations** |
| I will explain the reasons of choice these tools and methods:   * Password policies: Made passwords policies it will be brute force attack be less effective also based of NIST recommendations will add extra security layer. An example of this policy is changing the password every 90 days. * Multifactor authentication (MFA): Using MFA adds another layer to security authentication; the malicious actors would have to write the security codes sent to other media to perform actions that need validation. * Disable port unused: Disabling ports that are not used reduce the surface of attack avoiding connections not allowed or overload with DoS attacks. |