# Security risk assessment report

| **Part 1: Select up to three hardening tools and methods to implement** | |
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| We can implement three security hardening methods: MFA, periodic firewall maintenance, and improvement of password policies. | |
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| **Part 2: Explain your recommendations** |
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| Firstly, MFA is a security measure requiring the user to verify their identity in two or more ways. I recommend the implementation of an OTP sent to a cell-phone, which is simple to implement and an effective way to stop brute-force attacks.  Next, regular firewall maintenance is advised, to update rules blocking attackers, and disabling unused ports, to give actors no path onto our network.  Lastly, stricter password policies should be reinforced, to discourage sharing passwords among employees, as well as protect against brute-force attacks. |