# Security risk assessment report

|  |
| --- |
| **Part 1: Select up to three hardening tools and methods to implement** |
| 1. Implementation of multi-factor authentication and the method to use to implement it by using another layer of security by requiring two or more verification methods from users 2. A stronger password policy and the method to implement it is to make the policies more complex and stop employees from sharing passwords 3. Configure and improve the firewall by establishing and managing complex rules for filtering traffic, making sure only legitimate traffic flows in and out of the network |
|

|  |
| --- |
| **Part 2: Explain your recommendations** |
| 1. MFA will decrease the chances of unauthorized access, even if the password is compromised, by requiring another verification that only the legitimate user can provide 2. A stronger password policy will ensure passwords are complex, unique, and regularly changed which reduces the risk of unauthorized access 3. Configuring the firewall will minimize the potential for malicious access and safeguard data integrity |
|  |