# Security risk assessment report

|  |
| --- |
| **Part 1: Select up to three hardening tools and methods to implement** |
| 1. Password Policies 2. Multifactor Authentication 3. Firewall Maintenance |
|

|  |
| --- |
| **Part 2: Explain your recommendations** |
| 1. Strict password policies enforce the use of strong passwords. This may also include regular password changes and no repeated passwords; this prohibits passwords from being shared by employees. Sharing passwords can significantly increase the risk of unauthorized access. By having unique and complex passwords this mitigates that risk. 2. Implementing this across all accounts especially for privileged accounts adds an extra layer of security by requiring users to verify their identity through multiple factors. If passwords are compromised this still minimizes the risk of unauthorized access. 3. This includes defining and enforcing rules to filter inbound and outbound traffic, logging activity and regularly updating firewall configurations to block malicious traffic. This will reduce the likelihood of unauthorized access and prevent the exploitation of vulnerabilities within the network.   These recommendations should cover the 4 major vulnerabilities the social media organization is facing. |