# Security risk assessment report

| **Part 1: Select up to three hardening tools and methods to implement** | |
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| 1. Network access privileges 2. Password policies 3. Firewall maintenance 4. Multifactor authentication 5. Network log analysis | |
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| **Part 2: Explain your recommendations** |
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| A firewall allows or blocks traffic based on a set of rules. If anyone sends data, the firewall inspects the packet header and allows or denies it based on its port number.  Network access privileges are a key concept in IAM, which is a collection of processes and technologies that help organizations manage digital identities in their environment and also authorize how users can leverage different cloud resources.  An organization should implement MFA, a security measure that requires a user to verify their identity in two or more ways to access a system. This verification occurs using a combination of authentication factors, such as a username and password, or fingerprints. |