

# Security risk assessment report

## **Part 1: Select up to three hardening tools and methods to implement**

Password policies, MFA and Port filtering

## **Part 2: Explain your recommendations**

Enforcing strong password policies ensures that users cannot share passwords and that administrative accounts do not use default credentials. MFA adds an additional layer of security, requiring a second factor for login, which protects accounts even if passwords are compromised. Port filtering restricts incoming and outgoing traffic to only necessary services, reducing the network's attack surface and making it more difficult for attackers to penetrate. Together, these measures strengthen the organization's network security and help prevent future breaches.