Security Risk Assessment Report

Part 1: Select up to three hardening tools and methods to implement
1. Multifactor authentication can be used to help protect against brute-force attacks. It is mostly set once and then maintained periodically. 2. Firewall rules can be updated in response to an event that allows abnormal network traffic into the network. 3. Password policies can be implemented. This can be implemented using the NIST's latest recommendations for password policies.

Part 2: Explain your recommendations
1. Multifactor authentication not only stops employees from sharing passwords but also adds an added advantage so that the user while logging in he/she should confirm the login attempt in either one or two way. 2. Firewall maintenance entails checking and updating security configurations regularly to stay ahead of potential threats. 3. The password policies focus on using salting and hashing passwords rather than requiring overly complex passwords or enforcing frequent changing of passwords.