How To Improve Your System Security



Blacklist

Blacklist the most common password choices

Failed Logins

Monitor failed login attempts... train users to report suspicious activity





Priority Accounts

Prioritise administrator and remote user accounts

Password Storage

Don't store passwords in plain text format





Change Vendor Passwords

Change all default vendor supplied passwords before devices or software are deployed

Account Lockout

Use account lockout, throttling or monitoring to help prevent brute force attacks



Help Users Generate Appropriate Passwords

- Put technical defenses in place so that simpler passwords can be used
- Steer users away from predictable passwords and ban common ones
- Encourage users to never re-use passwords between work and home.
 Train staff to help them avoid creating passwords that are easy to guess.
- · Be aware of the limitations of password strength meters.

Help Users Cope with 'Password Overload'

- Only use passwords where they are really needed
- Use technical solutions to reduce the burden on users
- · Allow users to securely record and store their passwords
- · Only ask users to change passwords on indication of suspicious activity
- Allow users to reset password easily, quickly and cheaply

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