#!/bin/bash

#copy and paste onto text file and use command sudo sh [file path]

apt-get -y install ufw

apt-get -y install libpam-cracklib

ufw enable

echo FireWall Up

apt-get -y purge john

apt-get -y purge telnet

apt-get -y purge netcat

apt-get -y purge hydra

apt-get -y autoremove

echo Standard Suspicious Files Purged

echo allow-guest=false >> /etc/lightdm/lightdm.conf

echo Guest Account Disabled

sed -i '/^PermitRootLogin/ c\PermitRootLogin no' /etc/ssh/sshd\_config

service ssh restart

echo root login set to no on ssh

sudo sed -i '/^PASS\_MAX\_DAYS/ c\PASS\_MAX\_DAYS 90' /etc/login.defs

sudo sed -i '/^PASS\_MIN\_DAYS/ c\PASS\_MIN\_DAYS 10' /etc/login.defs

sudo sed -i '/^PASS\_WARN\_AGE/ c\PASS\_WARN\_AGE 7' /etc/login.defs

echo Password Length Set

sed -i '1 s/^/auth optional pam\_tally.so deny=5 unlock\_time=900 onerr=fail audit even\_deny\_root\_account silent\n/' /etc/pam.d/common-auth

sed -i '1 s/^/password requisite pam\_cracklib.so retry=3 minlen=8 difok=3 reject\_username minclass=3 maxrepeat=2 dcredit=1 ucredit=1 lcredit=1 ocredit=1\n/' /etc/pam.d/common-password