

Real-World Scenario 11-1: Configuring Complex Passwords

Scenario: You are not only the security administrator for your organization but also the IT trainer! Teach your users how to set passwords in Windows, Linux, and OS X. But more importantly, show them how to check whether their passwords are complex enough to meet today's standards. Finally, show the junior network admins how to enforce complex passwords.

In the following table, describe the following:

- How you would set passwords in Windows, Linux, and macOS/OS X
- How to check the complexity of passwords online
- What method should be used to enforce complex passwords

Task	Your Solution
Configure a Windows password	
Configure a Linux password	
Configure a macOS/OS X password	
Identify where to check the complexity of passwords online	
Choose a method to enforce complex passwords	

Real-World Scenario 11-1 Solution

Training users is one of the best ways to increase the security of your IT environment. It can be difficult to keep some users' attention, so you have to make it interesting. Appeal to their curiosity, and have the users practice, practice, practice to make things stick. Remember that users are not techies (usually), and might learn in a different way and at a different pace.

Remember too that users might work with Windows, Linux, macOS/OS X, iOS, Android, or other operating systems, each with its own way of configuring passwords and passcodes. Also keep in mind that there are many ways to accomplish something in Windows and other operating systems. The following table shows a few examples.

Task	Possible Solution
Windows password configuration	Press Ctrl+Alt+Del and select Change Password. Change the password in Control Panel > User Accounts.
Linux password configuration	Open Terminal, then type passwd .
macOS/OS X password configuration	Open Terminal, then type passwd . Change the password in System Preferences > Users & Groups.
Where to check complexity of passwords	Use online password checkers such as The Password Meter or Kaspersky's secure password check.

Task	Possible Solution
What method should you use to enforce complex passwords	Implement well-written password policies to enforce the use of complex passwords.

Video Solution: Watch the video solution "11-1: Configuring Complex Passwords."

Simulation: Complete the simulation "11-1: Password Strength."