

Lab 10.7.4 Securing an iPad Device

From TestOut CompTIA Security+ Course

In this lab I will be configuring settings within an iPad device in order to make it more hardened and secure.

The scenario for this lab is as follows:

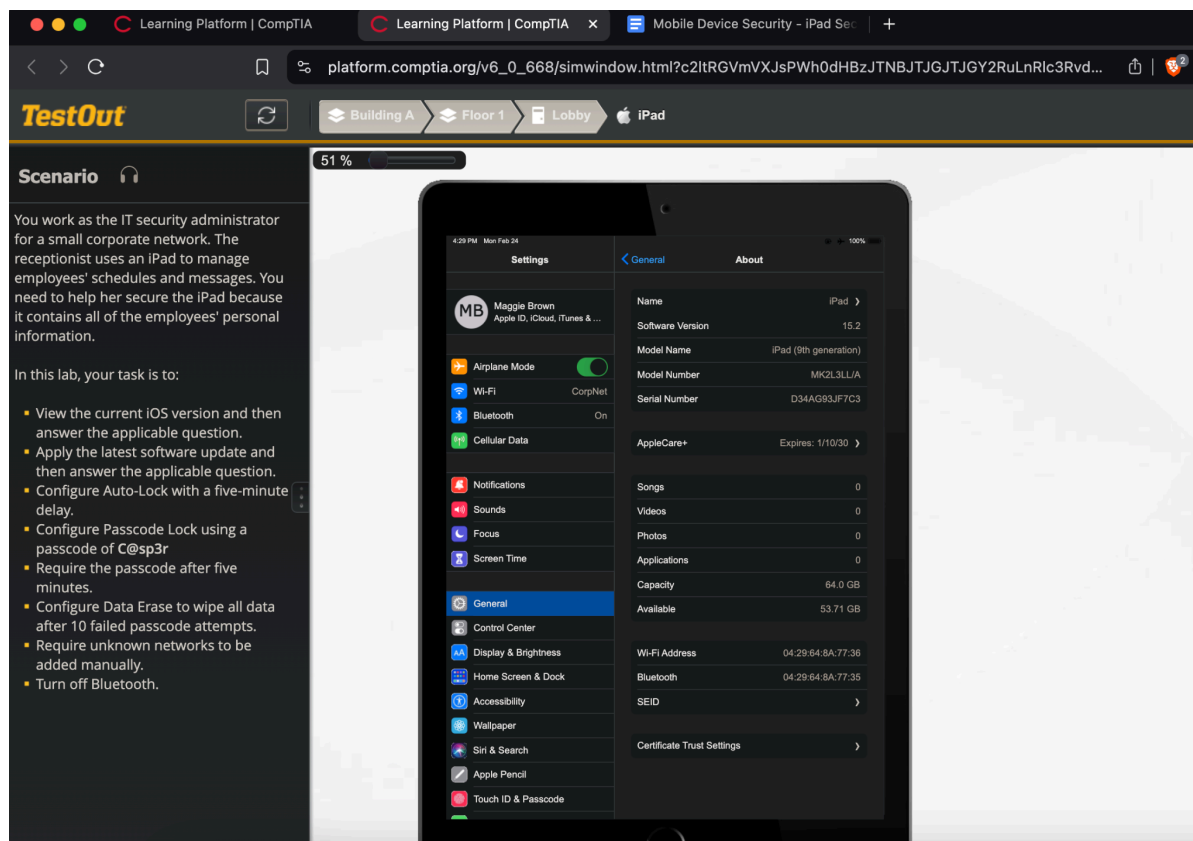
“ You work as the IT security administrator for a small corporate network. The receptionist uses an iPad to manage employees' schedules and messages. You need to help her secure the iPad because it contains all of the employees' personal information.

In this lab, your task is to:

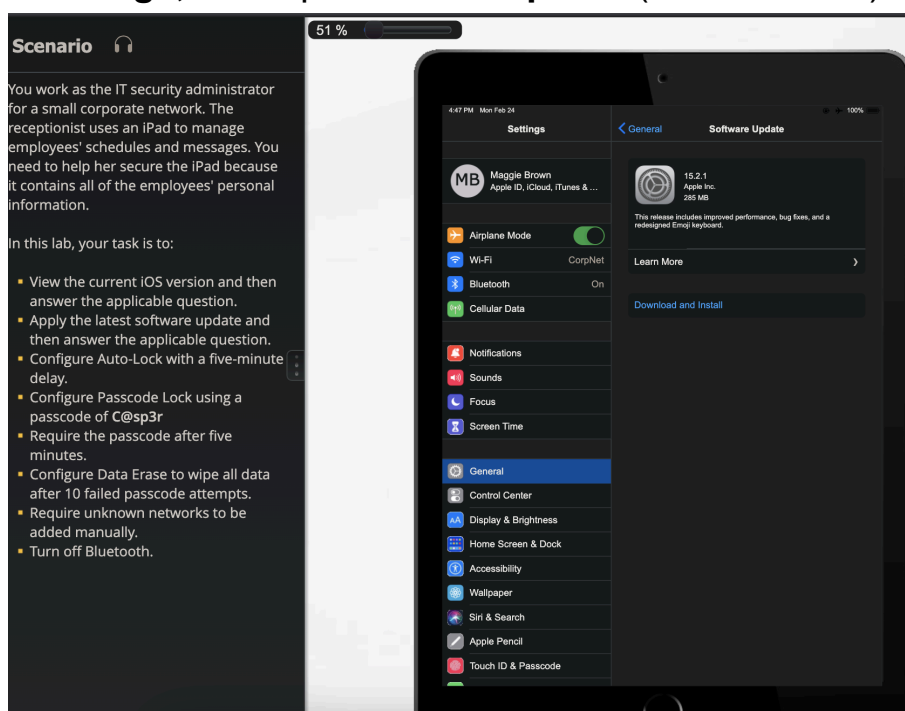
1. View the current iOS version and then answer the applicable question.
2. Apply the latest software update and then answer the applicable question.
3. Configure Auto-Lock with a five-minute delay.
4. Configure Passcode Lock using a passcode of C@sp3r
5. Require the passcode after five minutes.
6. Configure Data Erase to wipe all data after 10 failed passcode attempts.
7. Require unknown networks to be added manually.
8. Turn off Bluetooth.”

To start this lab I will begin by checking the iOS version. I'll head into **Settings > About** . Once here , I can check the iOS version by simply looking at the **Software Version**. I can see that version is **15.2**.

Robert Carpenter
github.com/robertmcarpenter
Mon Feb 24th 2025

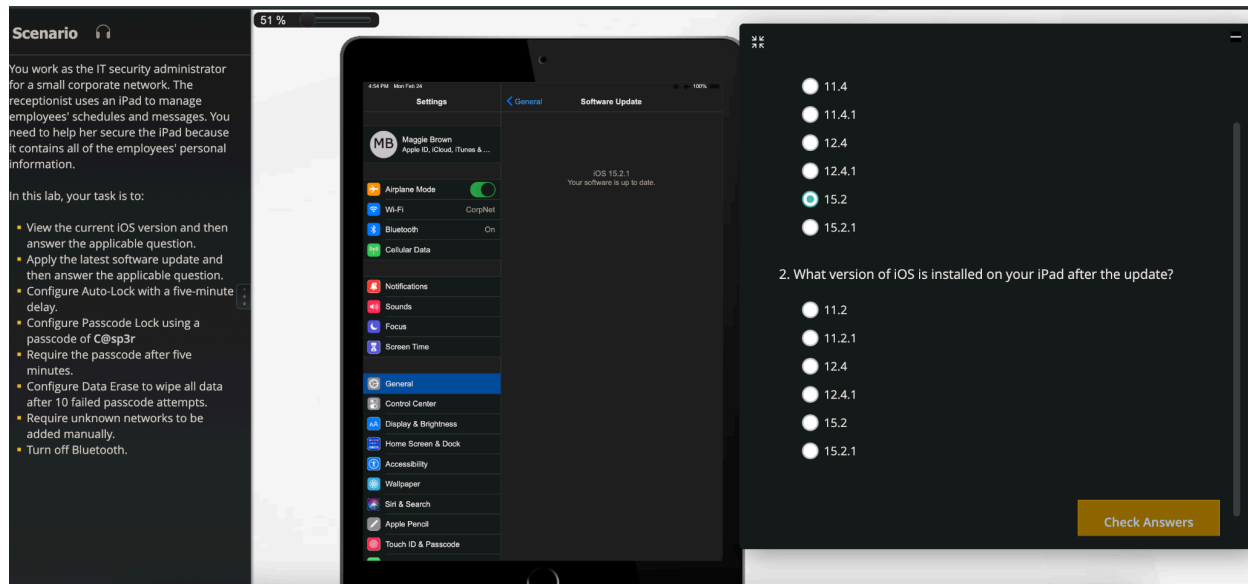


Next, I'll move on to updating iPadOS. I'll go back a menu so that I'm back in the main menu for **Settings**, and tap **Software Update** (above **About**).

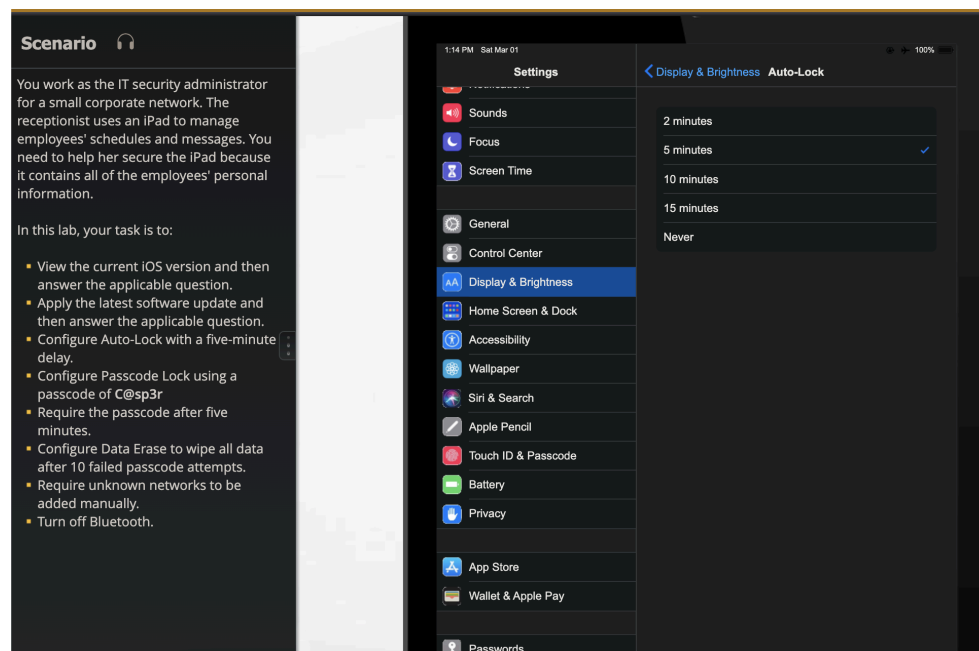


Now I'll proceed with tapping **Download and Install** to begin the update and upgrade. Once the Software Update is complete the iPad will restart. I'll check the new iPadOS version back in settings.

I can see that it's been upgraded to **15.2.1**.

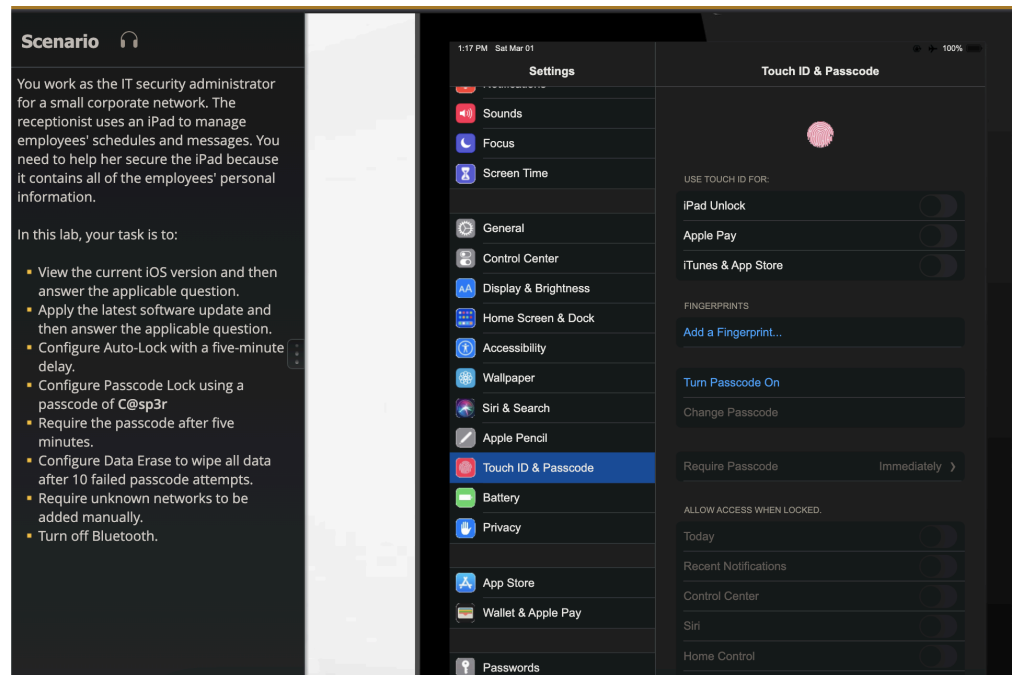


My next task is to configure Auto-Lock for 5 minutes. To do that I will head down to Display within the master **Settings** menu.



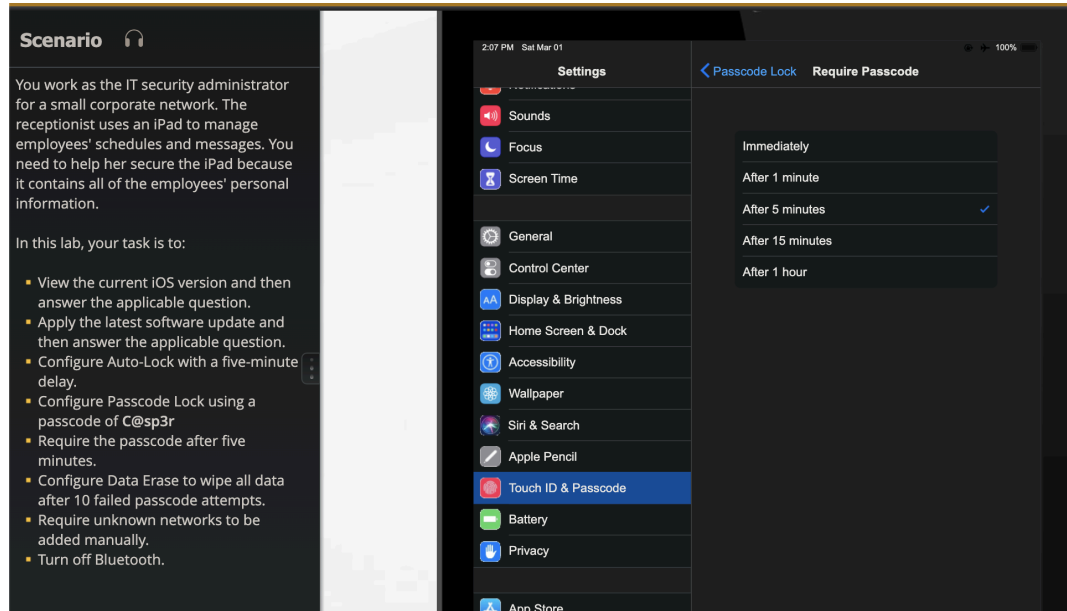
After I tap 5 minutes , I will move on to the next task which is configure a Passcode with the code “C@sp3r.”

In order to do that, I'll scroll down to **Touch ID & Passcode** and select **Turn Passcode On**.

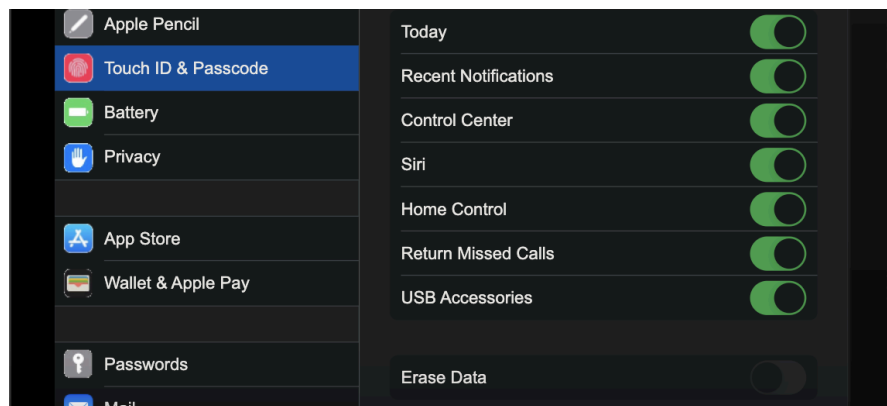


A new window pops up and prompts me to enter my password. I'll go ahead and enter the password given to me by the lab. Once that's done I can see that all of the grayed out options become available in this menu. This means the passcode has been set correctly.

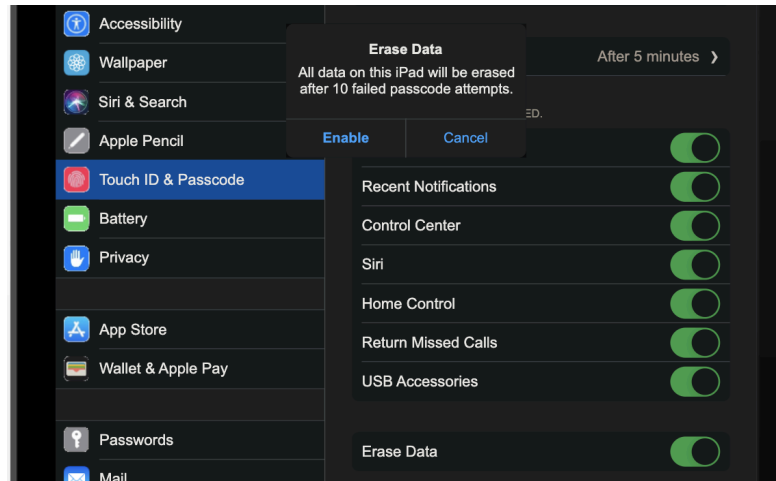
My next task is to configure the device to ask for the password after 5 minutes. I can scroll down on the above menu to **Require Passcode**, and select **5 Minutes**.



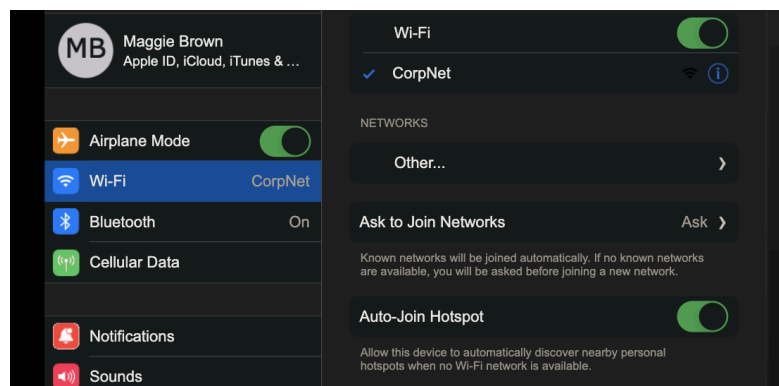
Once I've completed that I can move on to the next task which is to configure the iPad with **Data Erase**. I'll need to set it to erase all data after 10 incorrect passcode attempts. I can find **Erase Data** all the way on the bottom of the same menu.



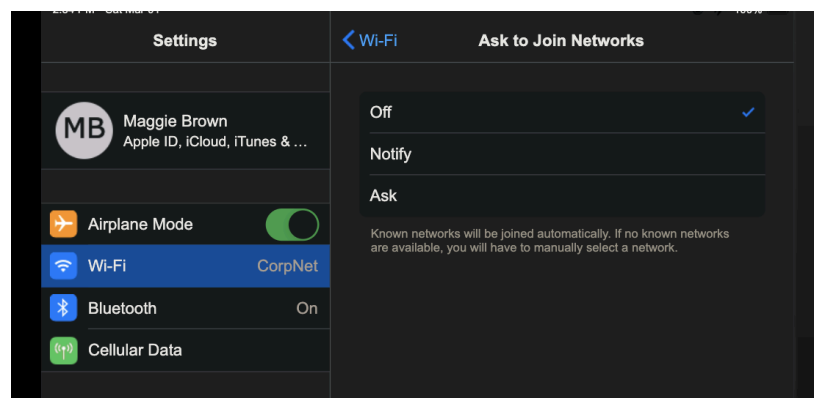
Once I tap the toggle on button a window pops up which warns me what this feature does. I'll go ahead and accept the risk and hit **Enable**.



With that configured I can move on the next task which is to **require unknown networks to be added manually**. To do that I will head to the **Wifi** menu within settings.

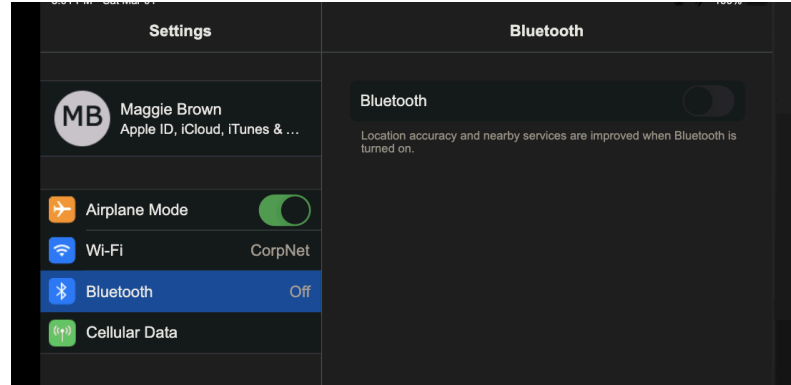


Once here I will click on **Ask to Join Networks** then select **OFF**.



My last task is to simply turn off **Bluetooth**. I will navigate to the menu right under Wifi which is labeled **Bluetooth** and toggle it off.

Robert Carpenter
github.com/robertmcarpenter
Mon Feb 24th 2025



VERY IMPORTANT NOTE: Disabling Bluetooth within Control Center (swiping down from top right corner on iOS) does not actually fully disable Bluetooth in general! You need to disable it within the Master Settings menu to completely turn it off.

This now concludes this lab!

