

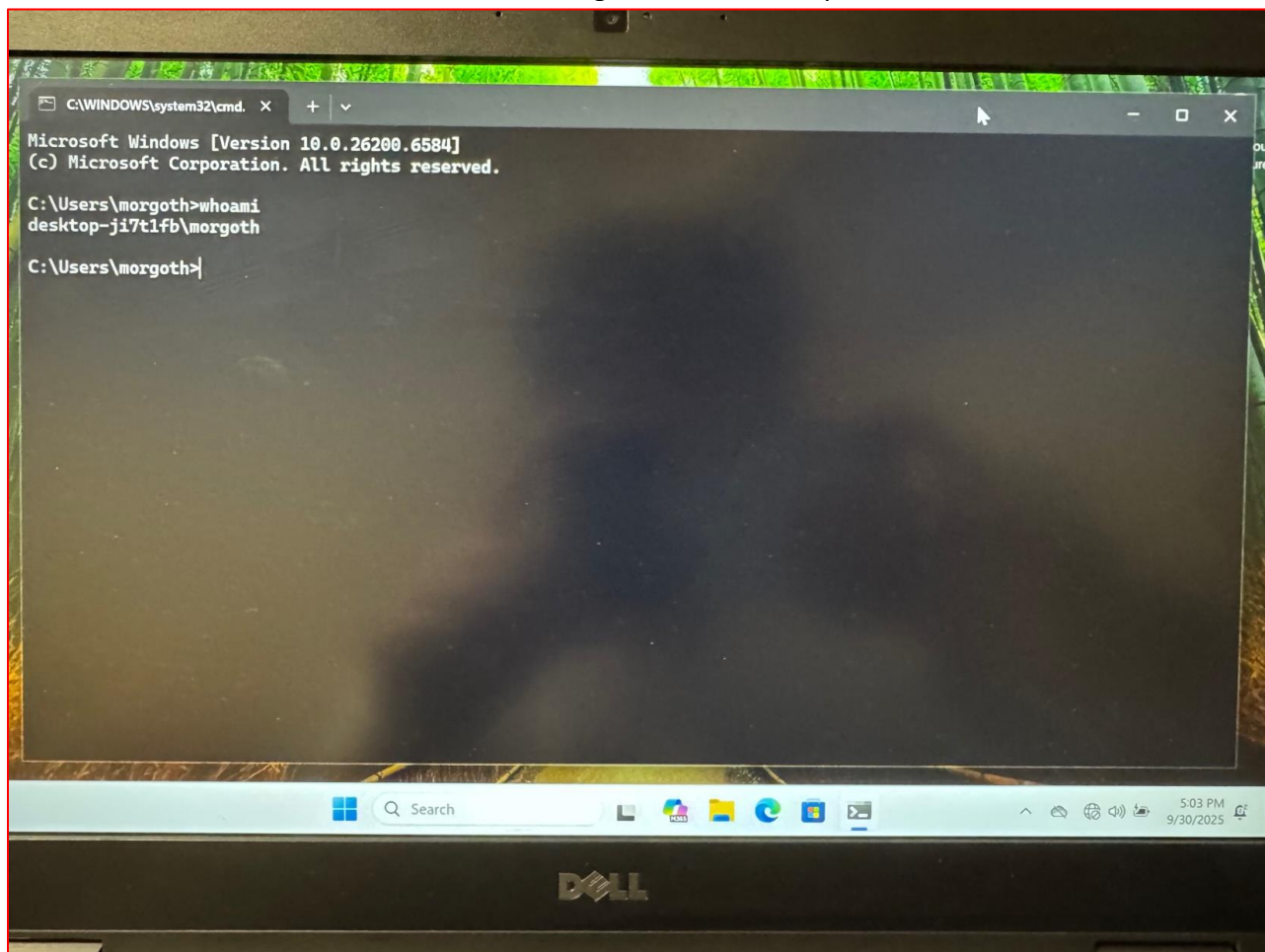
PROVIDE IMAGES TO PROVE YOU COMPLETED EACH STEP!!!

Shi and Cameron

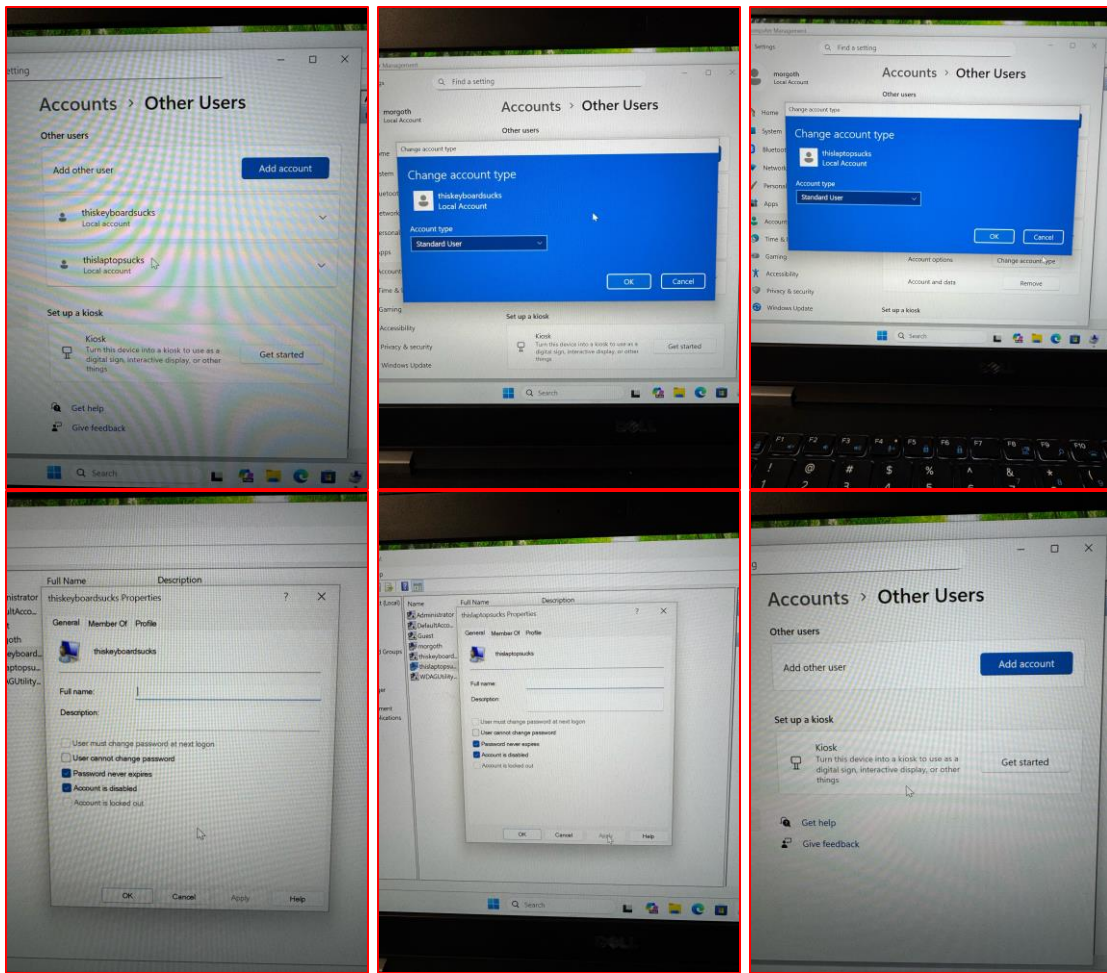
SECURE A NOTEBOOK – 35 Points

For this hands-on exercise you will secure a notebook by performing the following steps:

1. (5 points) Perform a new installation of Windows 11.
 - a. Setup an offline user account (not Microsoft online account)
 - i. Hint: Bypass network requirement
 - ii. For Windows 11 hit keys Shift + F10 to launch a command prompt
 - iii. Enter “oobe\bypassnro”
 - iv. The computer will restart and then you should have local user creation option
 - b. Create local/offline user account “morgoth” and set the password to “Faenor1993!”



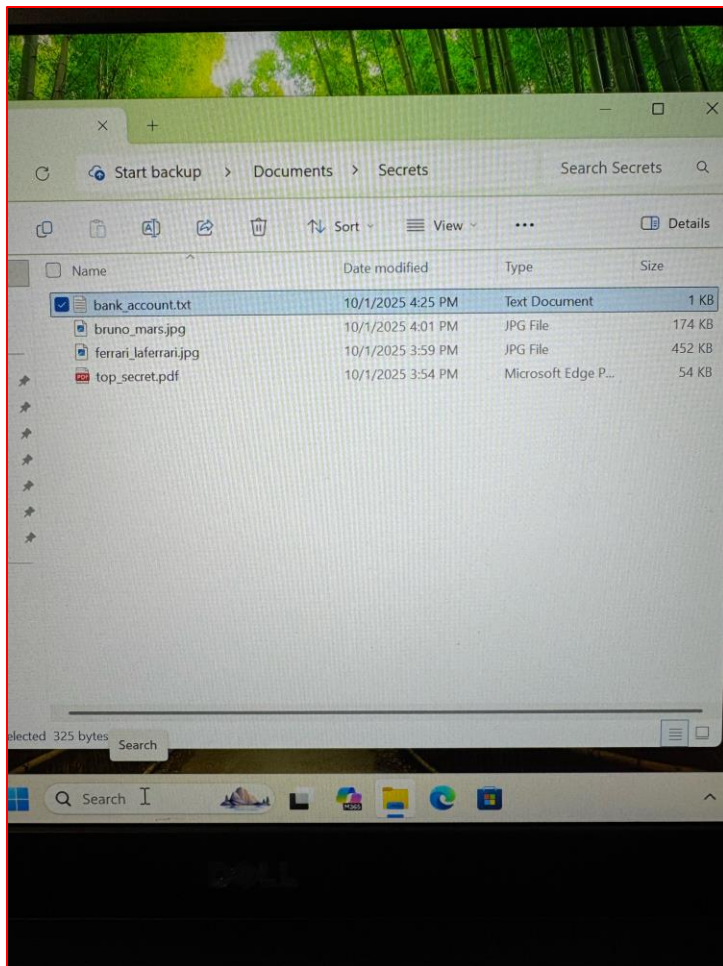
2. (2 points) Create two more local user accounts and set complex passwords.
 - a. Ensure both accounts are standard accounts and DO NOT have local administrator permissions
 - b. Disable both of these standard accounts



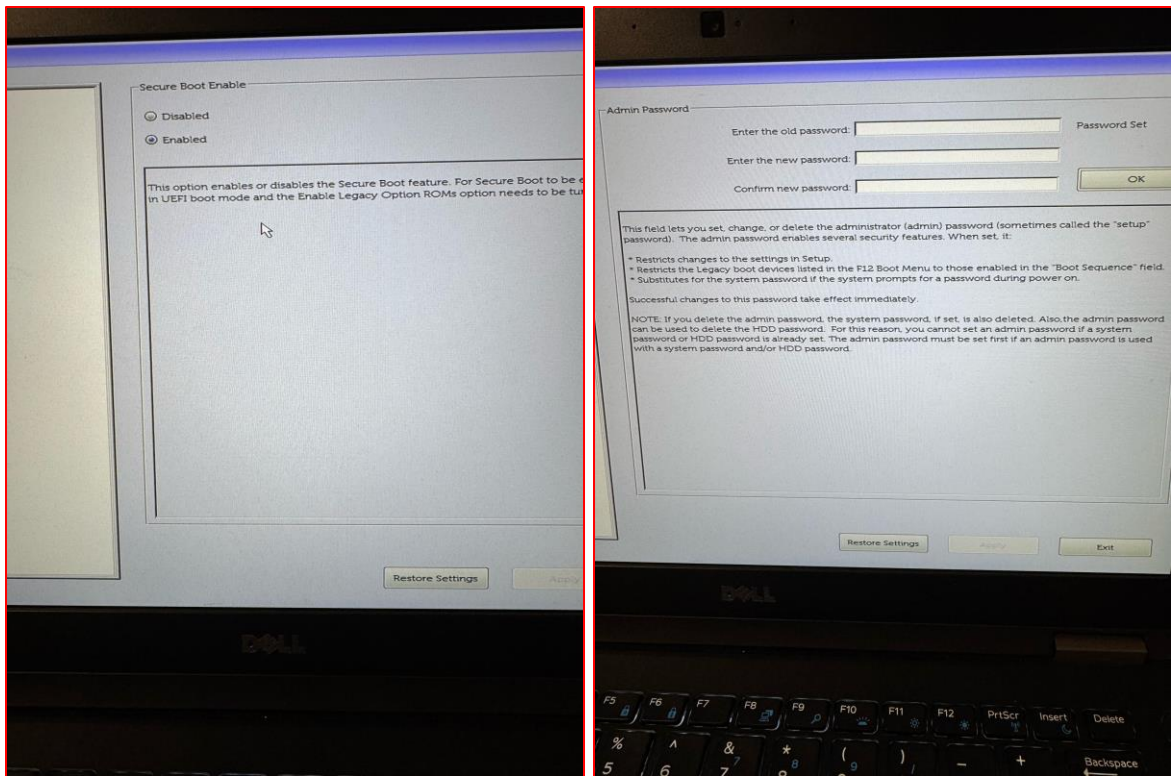
3. (4 points) Within the Documents directory for user “morgoth” create a new directory called “Secrets”.

Add the data files:

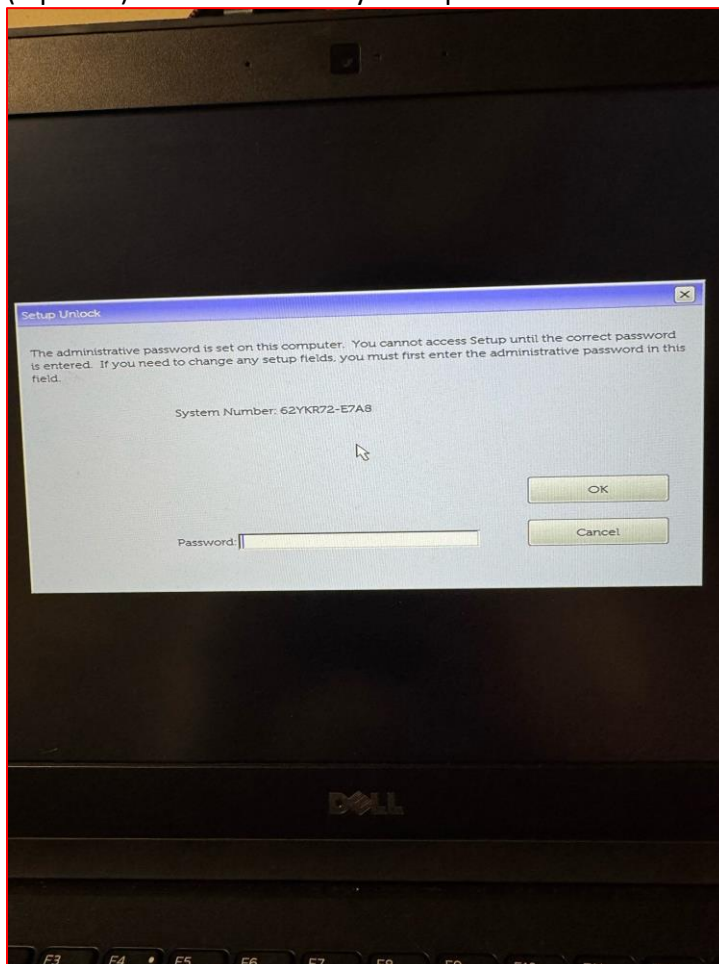
- Add sample PDF or CSV file from <https://dlptest.com/sample-data/>
- Add a picture of your favorite car
- Add a picture of your favorite musician
- Create a text file called “bank account” and add a fake bank account number and routing number



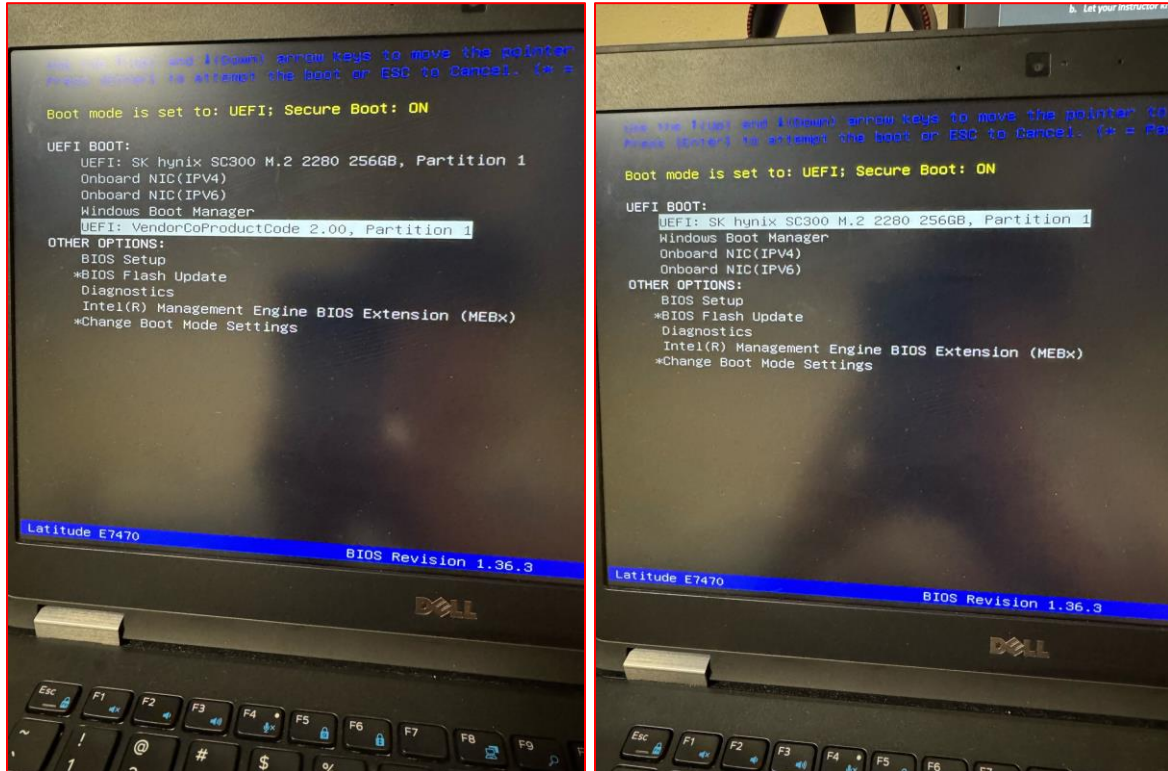
4. (4 points) Reboot and enter the BIOS/UEFI and configure the following:
 - a. Secure Boot is enabled
 - b. Set BIOS (Administrator) password to "NDstinks"



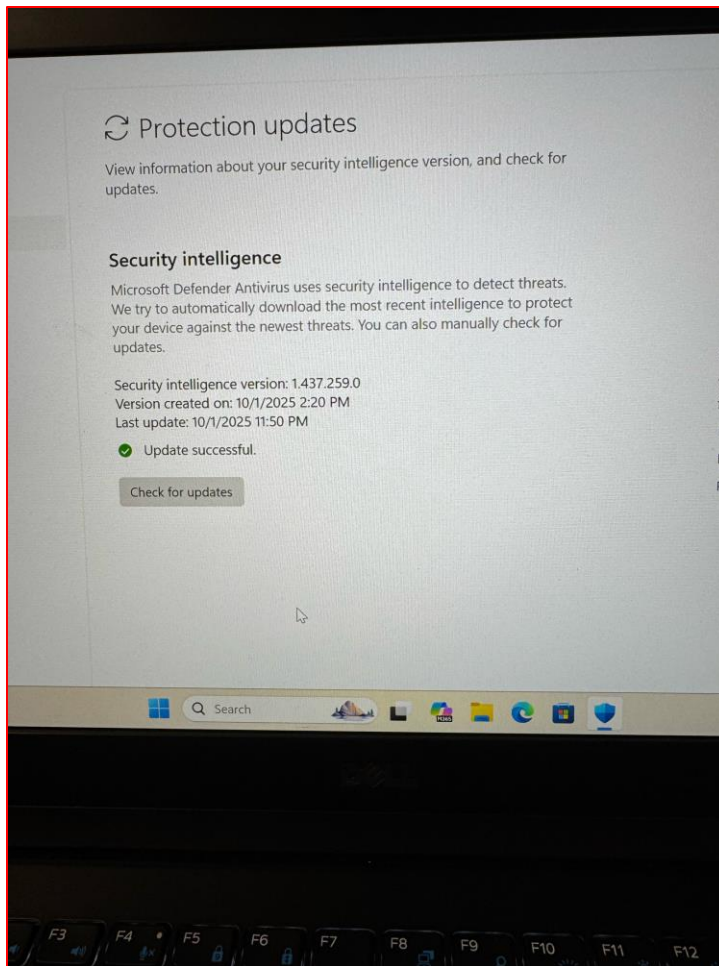
5. (2 points) Reboot and verify BIOS password is set.



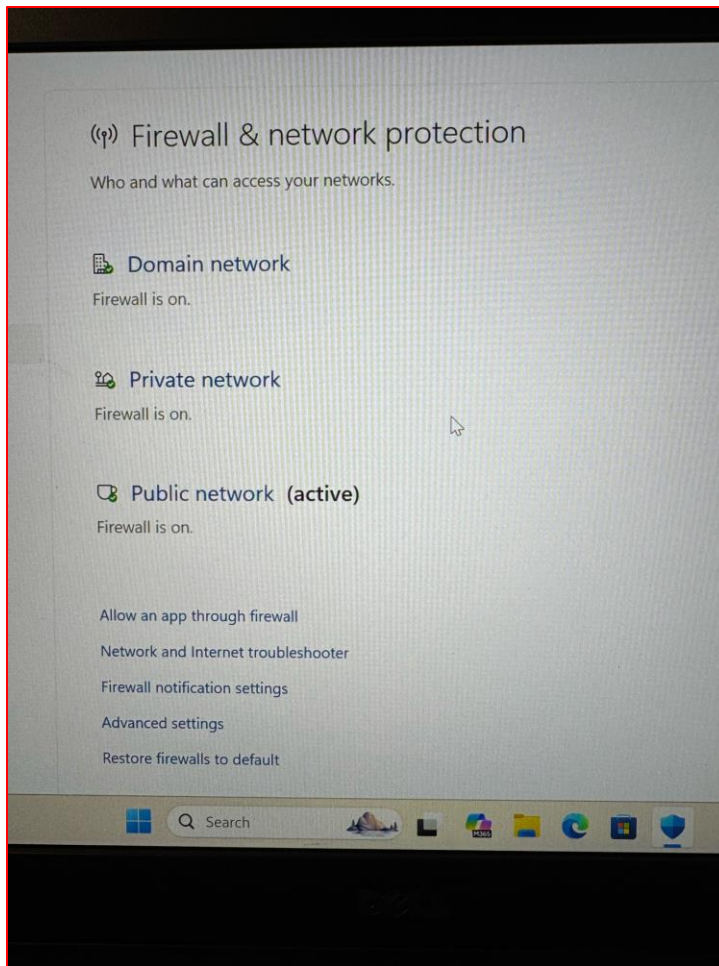
6. (2 points) Reboot and confirm you CANNOT boot from a bootable USB flash drive. (I've checked multiple times that secure boot is on, and the admin password is set, but I can still boot from my USB. So, I just manually go into the boot sequence and disable USB boot.)



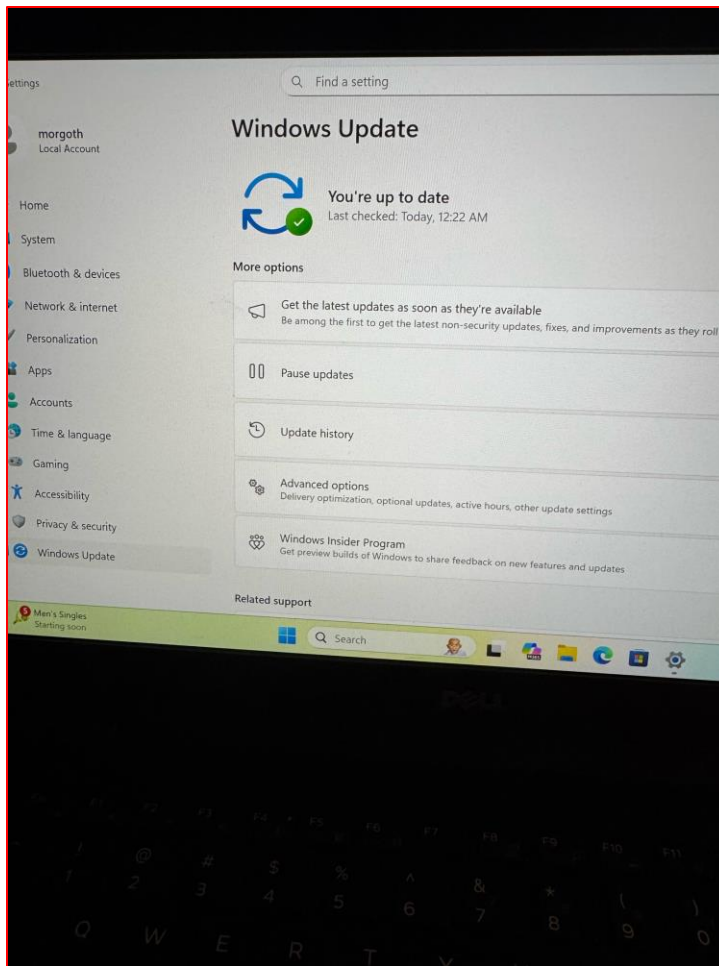
7. (3 points) Boot to Windows Verify Windows Defender anti-virus / end-point protection is up to date.



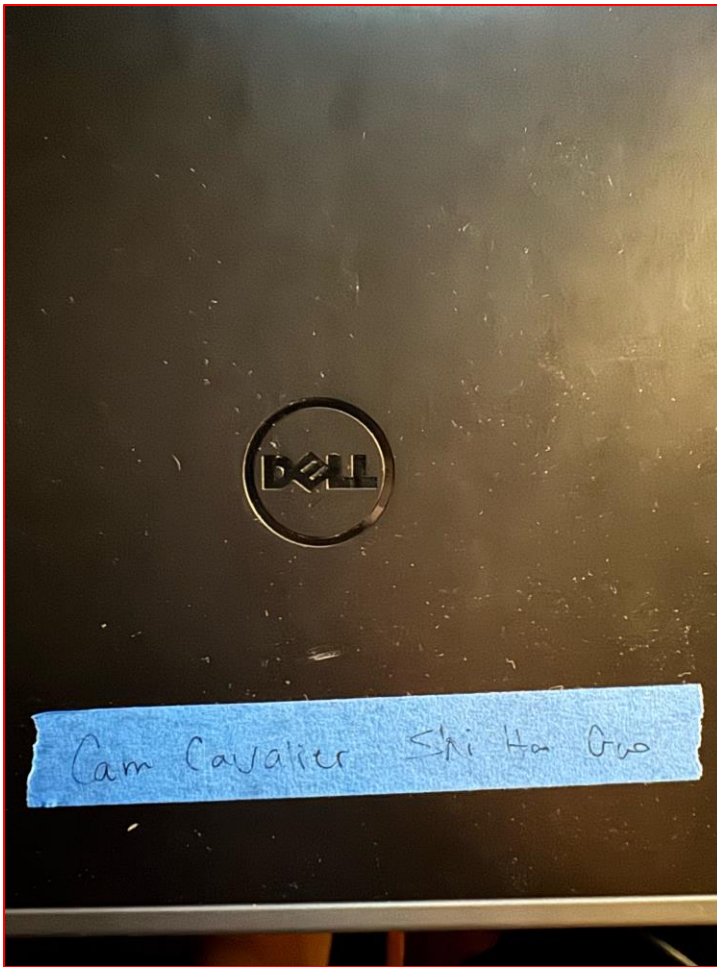
8. (3 points) Verify Windows Defender Firewall is enabled.



9. (3 points) Ensure Windows updates have been applied.



10. (2 points) Once the previous steps have been completed perform the following:
- Label the notebook with your name(s)
 - Let your instructor know so they can change the passwords



11. (5 points) What other step(s) would you take to secure the notebook for an enterprise / corporation?

I would also use BitLocker, if it's available, to secure the hard drive, in case the laptop is lost or stolen.