Project 1: RPi Setup

可能 100 分

2023/9/18

嘗試 1

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允許無限制的嘗試

2023/9/19

詳細資料

Your mission, should you choose to accept it (I guess you don't really have a choice), is to get your Raspberry Pi Zero W set up so that you can SSH into the device from your laptop. Laptop is expected, as you will then be able to use your Pi in class.

Because I want you to have the experience of setting up a device on your own, I won't be giving specifics on the methods to get to where we want to.

Therefore, you should use the Raspberry Pi Imager (**link** **(https://www.raspberrypi.com/software/)**) to write Raspberry Pi OS to your microSD card that will go into your Pi. You must change the settings in the Imager software and/or change files on the microSD card to make sure that the following are set up:

1. SSH from your laptop through the micro USB cable to the Pi [Make sure you plug into the right USB port :)]
2. WiFi - Please set it up for Rice Visitor. I do not encourage using Rice Owls, because that means your netID password will be saved on the SD card, so please do not do this. Note: You may have to enter a fake password for Rice Visitor in the Imager options, and then edit the file it puts on the SD card to remove the fake Rice Visitor password since there shouldn't be a password at all. **This hint** **(https://raspberrypi.stackexchange.com/a/45546)** may help, if you ignore the file paths that the forum posters are discussing.
3. Choose your username to be your netID, and set a unique password (otherwise folks could maybe log in to your device through WiFi)
4. Make sure your device is up to date by running these commands:
    1. sudo apt update
    2. sudo apt upgrade

Submit a short one page PDF report that specifies in 1-2 paragraphs the steps you took to complete the assignment, the challenges you encountered, and what kind of projects you would like to work on with the device. The report should include a screenshot that shows your netID@raspberrypi as the beginning of the command line prompt. The screenshot should also show you running sudo apt update and the resulting output being that basically nothing needs

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google.com", which further verifies that you are online. You can hit ctl+c after a few outputs appear to kill the ping command, so that it doesn't run forever.

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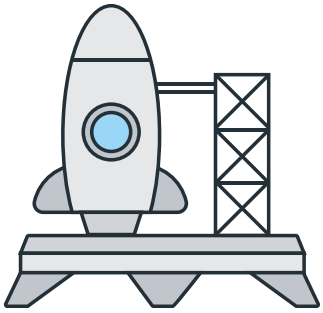

選擇要上傳的檔案

允許的檔案：PDF

或

Canvas 檔案

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