

# **Dual EPB Networking Document**

## **Basic Networking Guide for Windows 8.1 and Windows 10**

Revised February 11, 2016

### **Introduction**

This document explains basic networking for establishing connectivity for dual EPB use using the Microsoft Windows 8.1 or 10 Operating System. Some functionality may also work in Windows 7 as well.

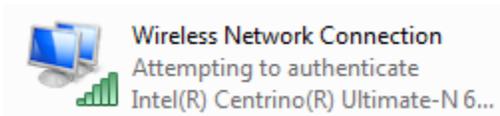
***Please complete the Preparation Steps outlined below before attempting the Networking Process.***

### **Best Practices**

- 1) *Windows 10 Operating System is strongly recommended*
- 2) *It is recommended not to use a password protected user accounts for Dual-EPB.*

### **Preparation Steps**

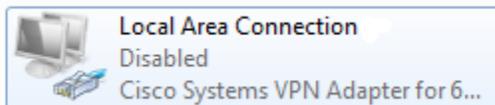
1. Make sure the 2 laptops have different computer names. Home - Right-click on 'Computer' and select 'Properties'. The computer name is listed under Computer name, domain and workgroup settings as Computer name. If you need to change a Computer name, select the 'Change settings link to the right of the screen.
2. Disable the Wireless Adaptor – Network-Network and Sharing Center- Change adaptor settings



Right Click on the Wireless Network Connection – select Disable

*Note: The connection could be named different. Look for names like Wireless or Wi-Fi. This connection will also have the elevating green bars on the icon.*

3. Make sure the Network Adaptor is Enabled – Network-Network and Sharing Center-Change adaptor settings



Right Click on the Local Area Connection – select Enable

*Note: The connection could be named different. Look for names like Local Area or Ethernet. This connection will also have the network cable end shown on the connection.*

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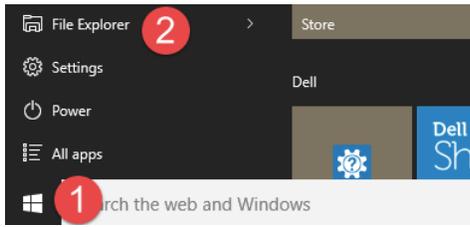
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### Networking Process

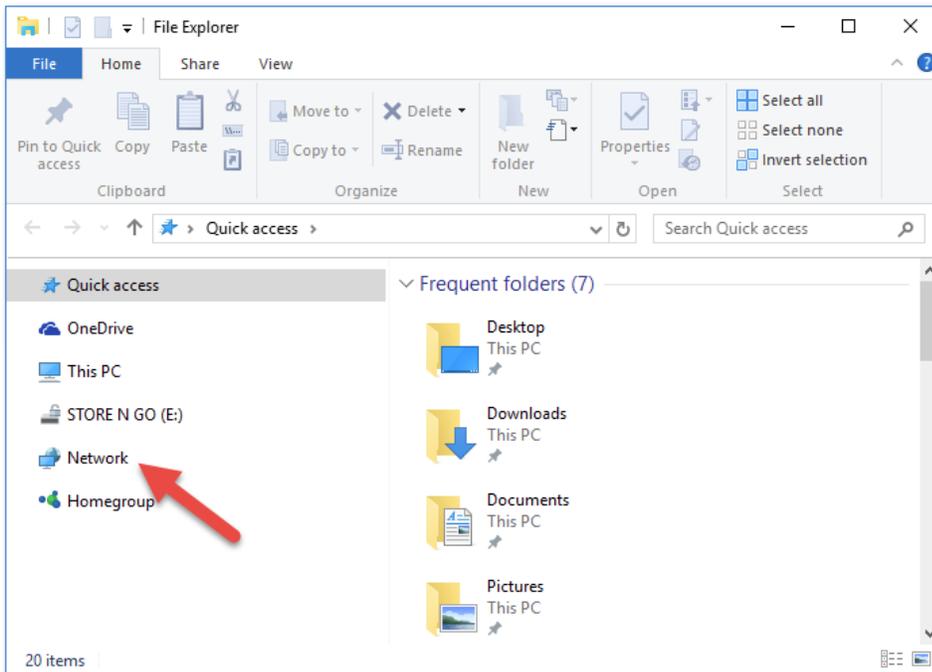
1. After performing the Preparation Steps, connect the Laptops using a network, patch or cross-over cable.
2. To access the Network dialog in Windows 10 perform the following:
  - a. If you have a Network Icon on your desktop, click the Network Icon



- b. If you don't have a Network Icon on your desktop perform the following
  - i. Click on the Start Menu



- ii. Select File Explorer
- iii. Select Network



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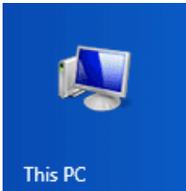
3. If you are using Windows 8.1, perform the following to access the Network dialog.
  - a. If you have a Network Icon on your desktop, click the Network Icon



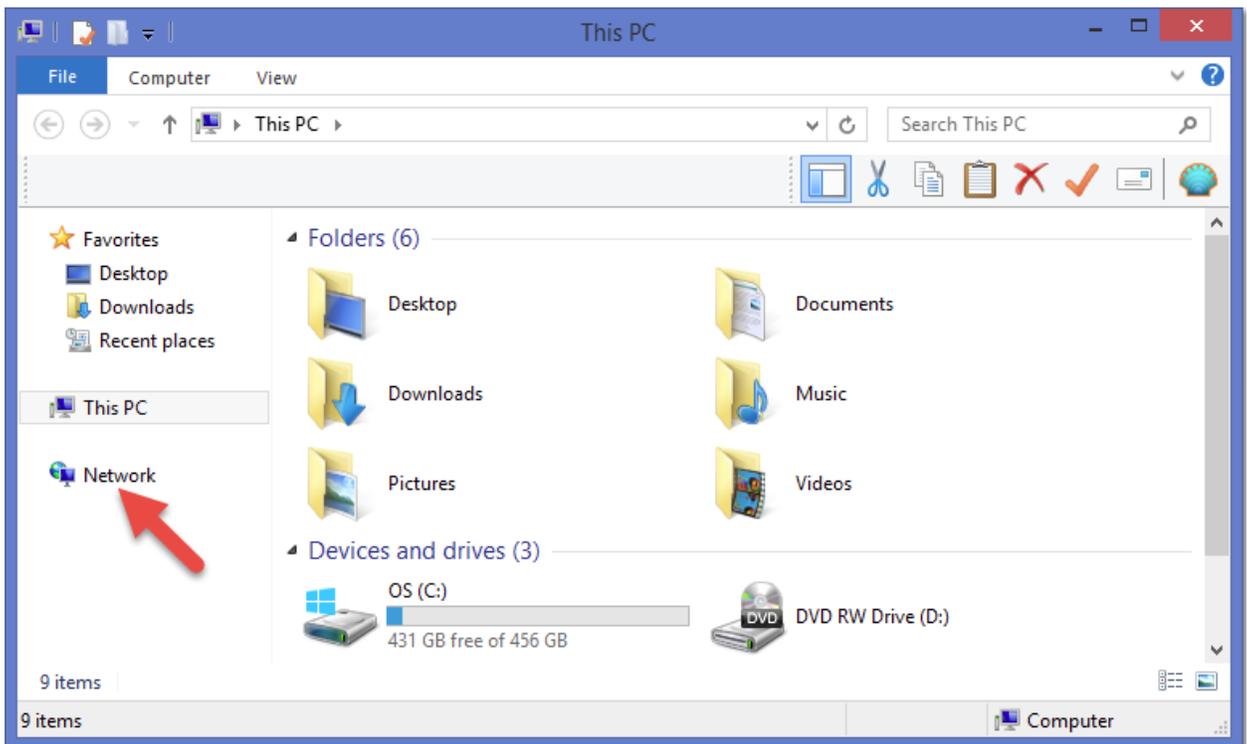
- b. If You don't have a Network Icon on your desktop perform the following
    - i. Click Start



- ii. Look for This PC Tile



- iii. Click the down arrow to see additional apps if needed.

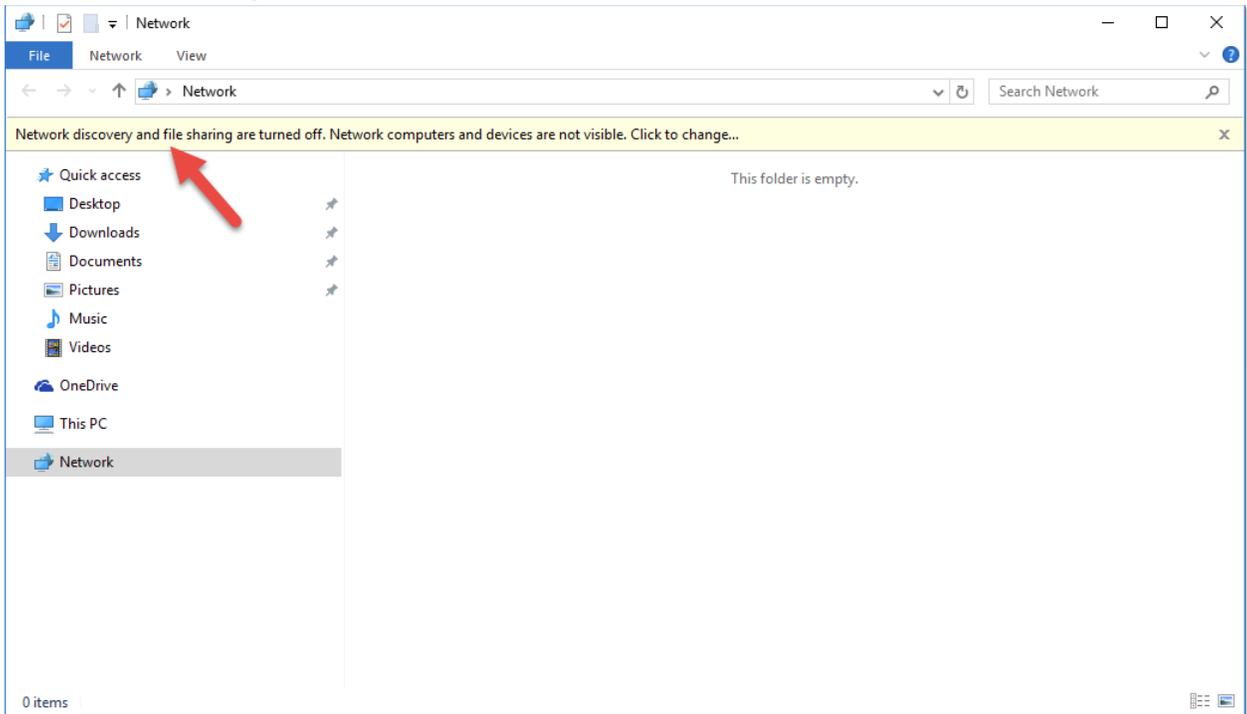


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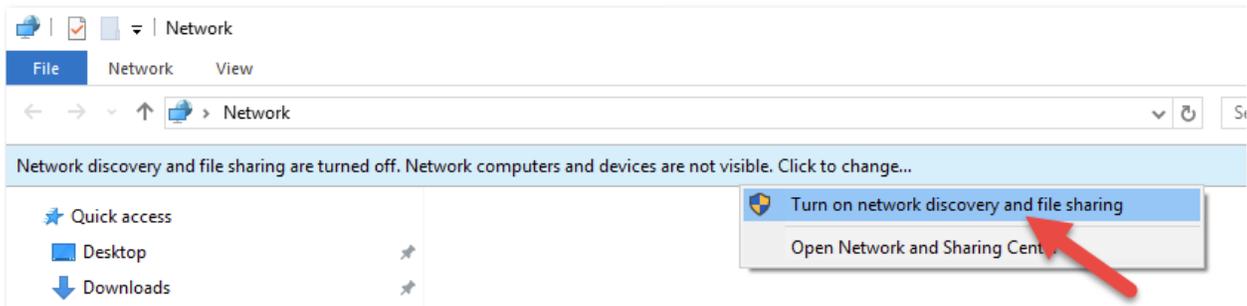
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4. In the Network dialog, click on the ribbon



5. Select Turn on network discovery and file sharing.

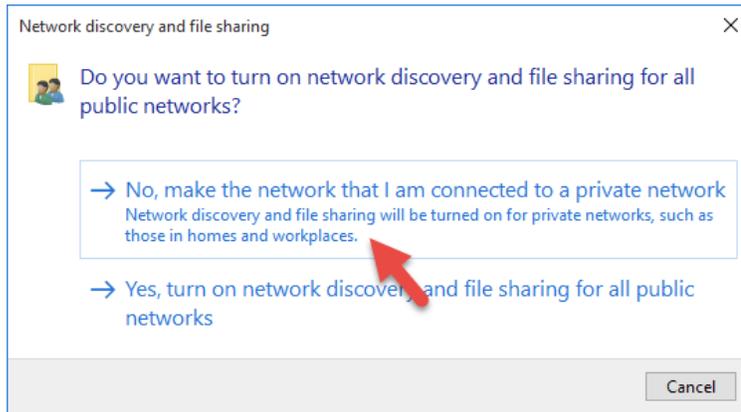


6. Select the No option in the Network discovery and file sharing dialog box

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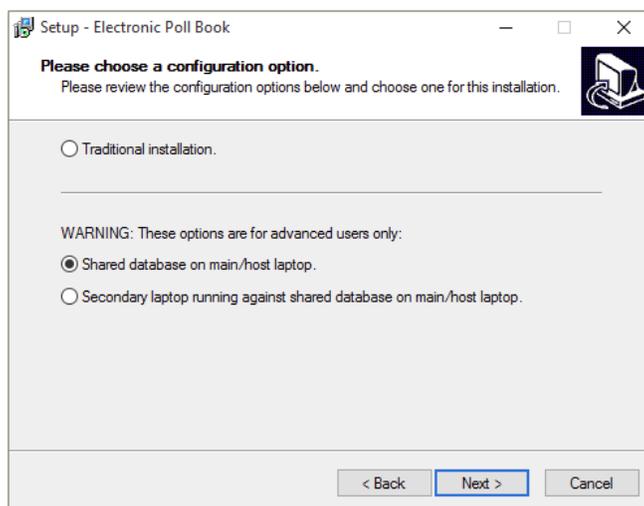
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7. The Network Dialog box should display both devices.



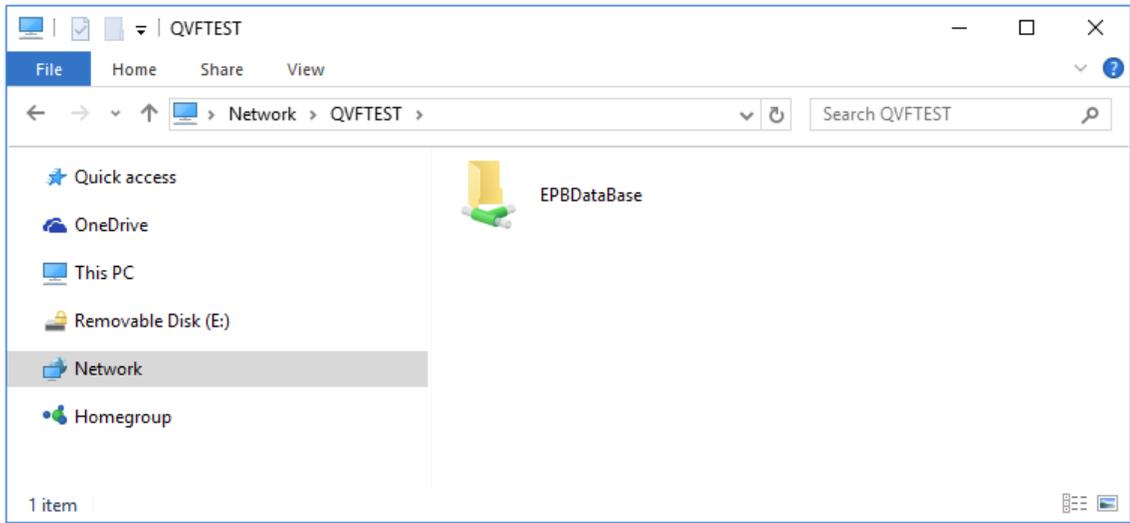
8. Be patient. I may take a couple of minutes for the window to refresh. If you don't see both devices after about 5 minutes or don't see the ribbon in step #4, leave the network cable attached and re-start both devices.
9. You can now begin to install the Dual-EPB software.
10. Install the Server first. After you have successfully installed the Dual-EPB Software on the Server proceed with installing the Client Software. On the Client machine, go back into Network and double click on the Server icon. I may take a minute or two, so be patient.



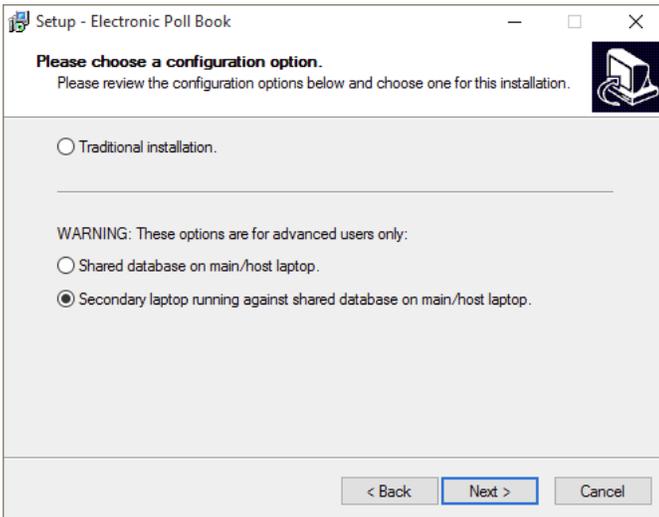
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You should see a shared folder called “EPBDataBase”. If you get an error message and cannot see this folder, you may have a network issue which needs to be resolved. If you see the share you can proceed with the installation of the EPB on the client.



11. If you can see the device but cannot access the EPBDataBase Share folder or you see the window shown below, you most likely need to resolve the permissions issue, before you can install the client (See Step #5 in the above Preparation Steps Section.) or remove the password from the Windows Account.

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