

## Dual EPB Networking Guide

### Introduction

This document explains 2 approaches for establishing connectivity for dual EPB use. Other approaches including secure wireless are possible. Consult your IT Department for assistance in using other options. The 2 approaches BOE has tested are as follows:

**Basic Networking – Approach 1** – Connecting 2 laptops using a standard network cable

**HomeGroup – Approach 2** – Setting up a Windows HomeGroup. This approach also uses a standard network cable.

### Preparation Steps – Applies to both Approaches

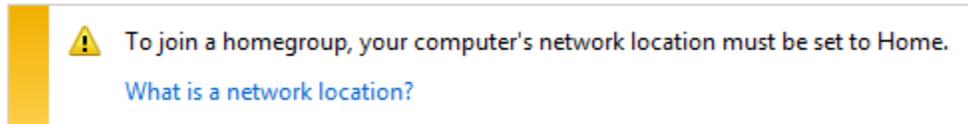
1. Make sure the 2 laptops have different computer names.
  - a. Click Home/Start button
  - b. Right-click on 'Computer' and select 'Properties'
  - c. The computer name is listed under 'Computer name, domain and workgroup settings'. If you need to change the Computer name, select the 'Change settings' link to the right of the Computer name.
  
2. IPv6 Must Be Enabled
  - a. View the Network and Sharing Center
  - b. Click 'Change adapter settings' on the left
  - c. Right-click on your network connection and choose 'Properties'
  - d. Make sure that both Internet Protocol Version 6 (TCP/IPv6) and Version 4 (TCP/IPv4) are checked.
  - e. See <http://helpdeskgeek.com/windows-7/windows-7-cannot-connect-to-homegroup/> for more details.
  
3. Connect the laptops using a standard network (Cat5, Cat5e or Cat6) cable. You can also use a network switch or hub for connecting the laptops. You need to make sure that both laptops are part of the same network if you are using a wireless router and that the network type is Work or Home, not Public.
  
4. Manage advanced sharing settings on both laptops

In the Network and Sharing Center, Advanced Sharing Settings make sure the following items are enabled on the 'Home or Work' profile (make sure you are not altering the Public Profile and remember to Save changes).

- a. Turn on Network discovery
- b. Turn on File and printer sharing
- c. Turn on Public folder sharing
- d. Save Changes

If one or both laptops do not have a password established...

- e. Turn off Password Protected Sharing
  - f. Under HomeGroup Connections, select 'Use user accounts and passwords to connect to other computers'
  - g. Save Changes
5. Make sure you are using the same network type on both laptops, either Home or Work, not Public. Perform the following steps on both computers to select the Home or Work network type
- a. On the Server/Parent laptops, from the Control Panel, select Network and Sharing Center, and select HomeGroup from the lower-left of the window.
  - b. Click 'What is a network location' on the HomeGroup setup screen

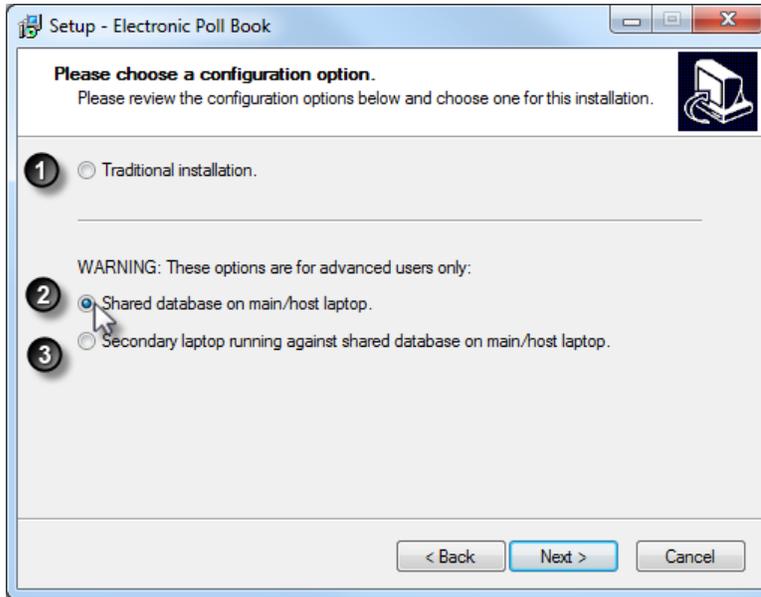


- c. Set the current network location to Home
  - d. Click Next
  - e. Write down the HomeGroup password if you plan to utilize the HomeGroup method of networking your EPB laptops
  - f. Click Finish
  - g. Close the HomeGroup settings window
6. To verify the laptops are connected, go to Network. You should see the computers you wish to connect listed on the right in the Computer Section.

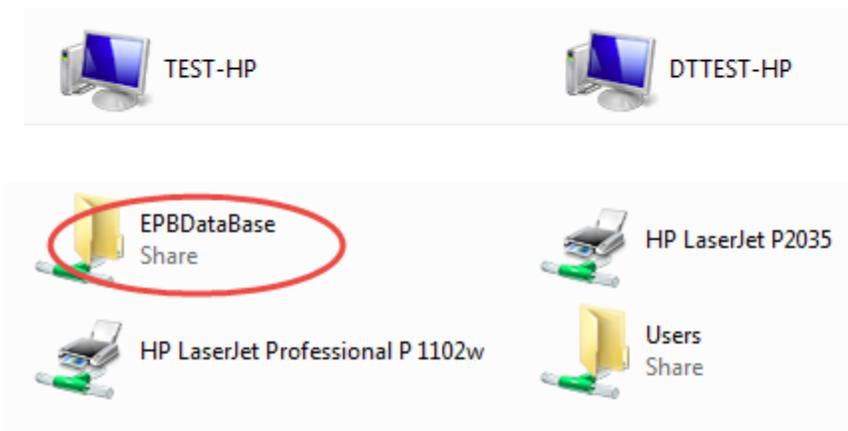


## Networking Laptops/Dual EPB Installation – Approach 1

1. Connect the Laptops using a network cable.
2. Install the EPB on the server/parent laptop using option #2 and click through the steps of the setup screens to complete the installation.

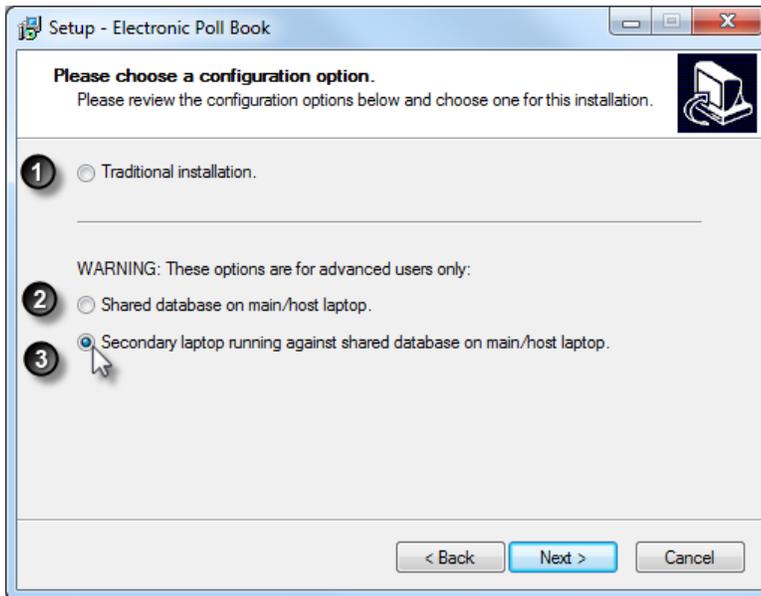


3. Using the client/child laptop, go to Computer, and select Network. Select the server laptop name and double-click to see shared resources.

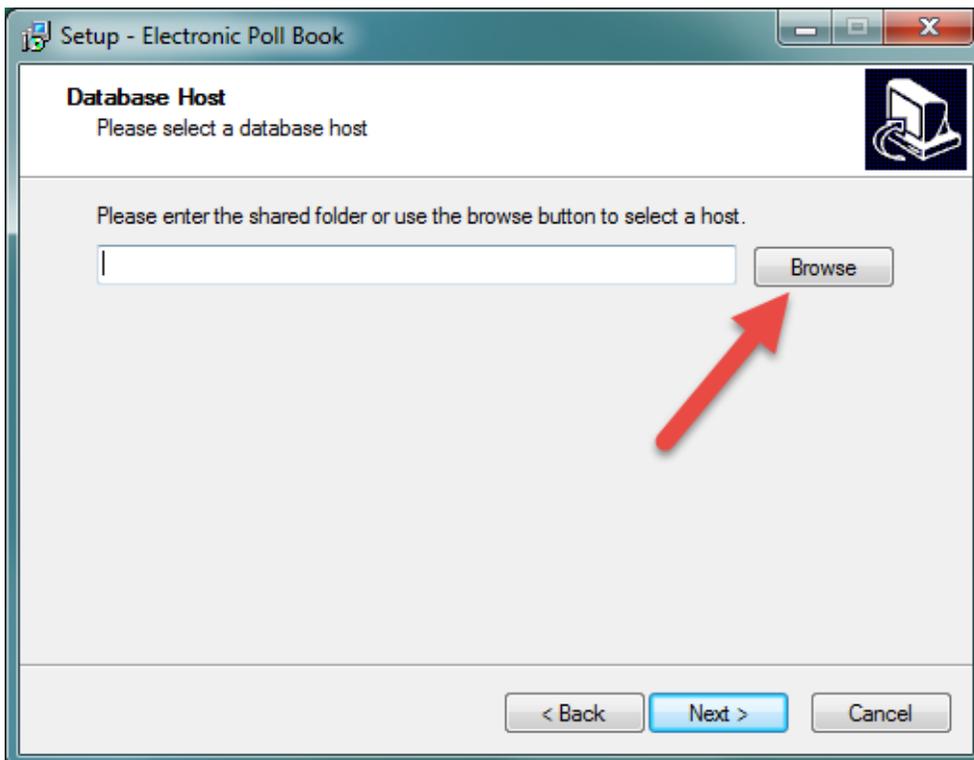


You should see a shared folder called “EPBDataBase”. If you get an error message and cannot see this folder, you may have a network issue which needs to be resolved. If you see the share you can proceed with the installation of the EPB on the client laptop.

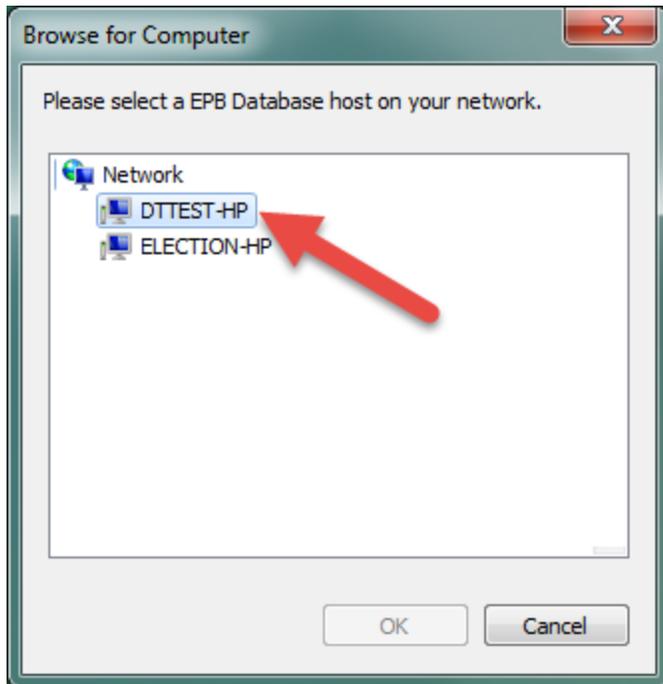
4. Install the EPB on the server/parent laptop using option #3, and click Next.



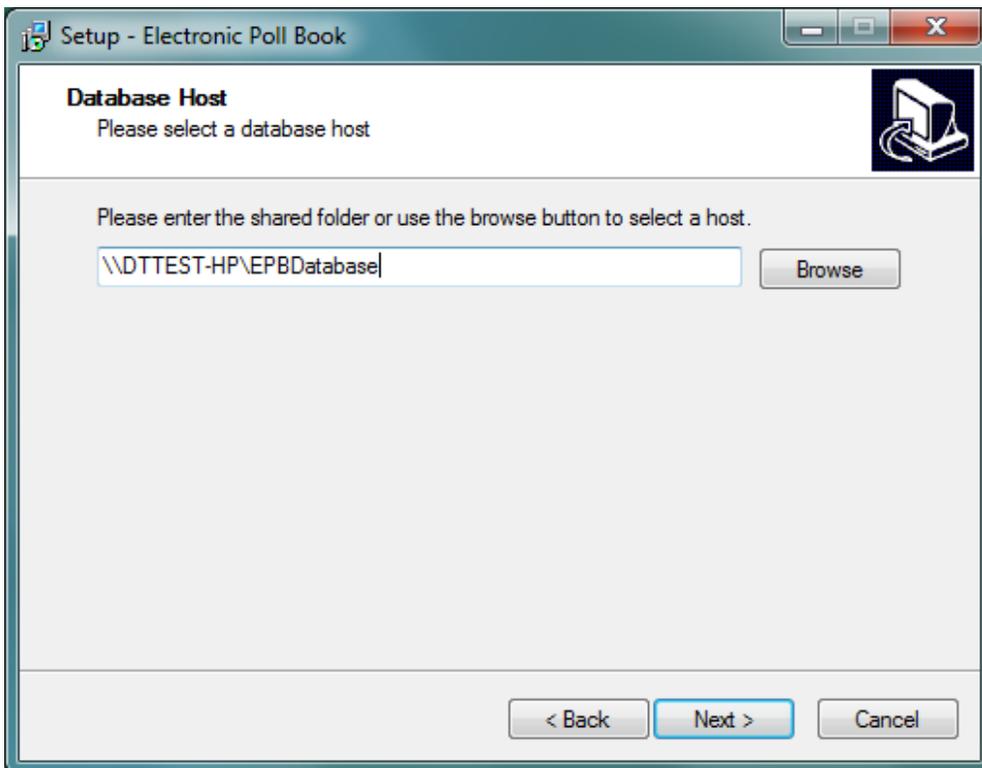
5. Click the Browse button



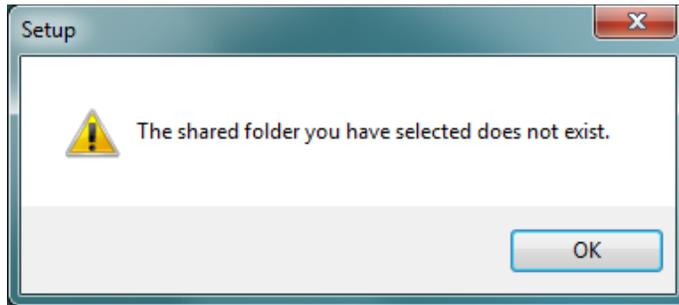
6. Choose the server/parent laptop, then click OK.



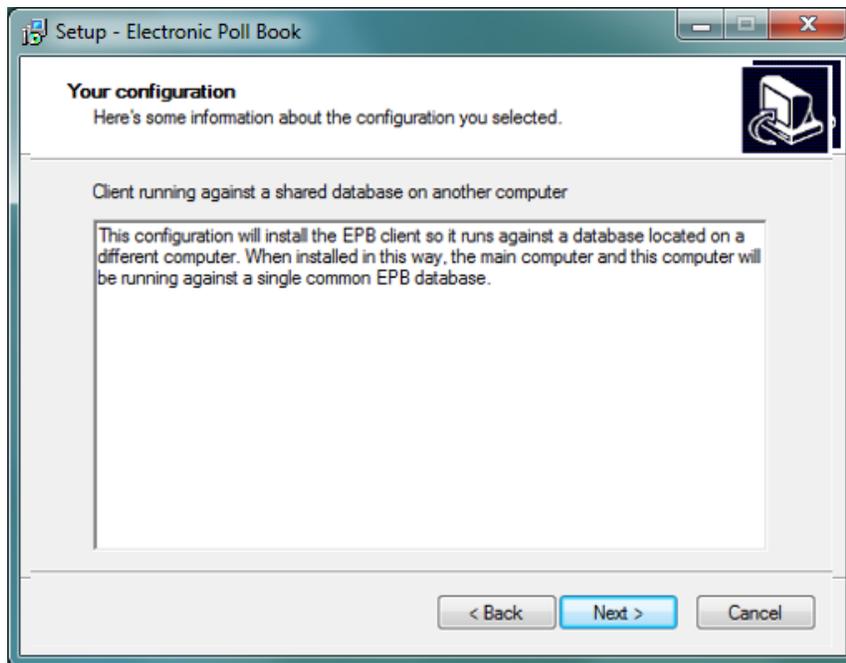
7. The path should fill-in automatically, then click Next.



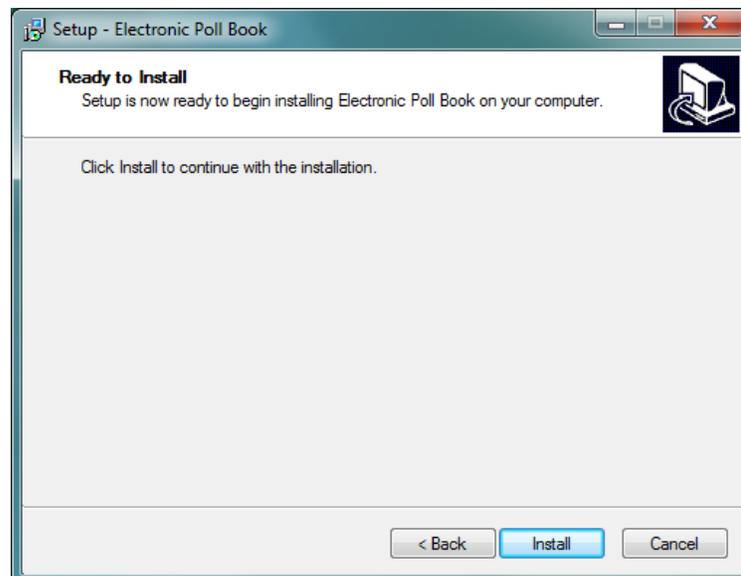
If you get the error message below or a similar permissions message, you have some networking issues which need to be resolved



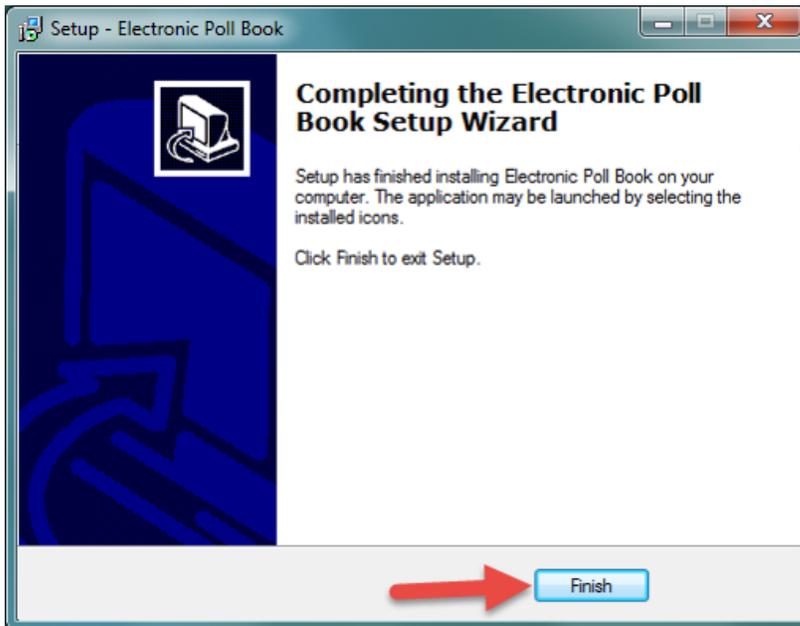
8. Click Next



9. Click Install



10. Click Finish



## Creating a HomeGroup – Approach 2 – Step 1

1. Control Panel – Network and Internet – HomeGroup
2. Click the ‘Create a homegroup’ button or if button is disabled click the “What is a network location?” button.

[Share with other home computers running Windows 7](#)



This computer can't connect to a homegroup.

 To create or join a homegroup, your computer's network location must be set to Home.

[What is a network location?](#)

With a homegroup, you can share files and printers with other computers running Windows 7. You can also stream media to devices. The homegroup is protected with a password, and you'll always be able to choose what you share with the group.

[Tell me more about homegroups](#)

[Change advanced sharing settings...](#)

[Start the HomeGroup troubleshooter](#)

[Create a homegroup](#)

[OK](#)

3. If using the “What is a network location?”, option follow the steps listed below:

### Select a location for the 'Unidentified network' network

This computer is connected to a network. Windows will automatically apply the correct network settings based on the network's location.

-  **Home network**  
If all the computers on this network are at your home, and you recognize them, this is a trusted home network. Don't choose this for public places such as coffee shops or airports.
-  **Work network**  
If all the computers on this network are at your workplace, and you recognize them, this is a trusted work network. Don't choose this for public places such as coffee shops or airports.
-  **Public network**  
If you don't recognize all the computers on the network (for example, you're in a coffee shop or airport, or you have mobile broadband), this is a public network and is not trusted.

Treat all future networks that I connect to as public, and don't ask me again.

[Help me choose](#)

Cancel

Select 'Home network'

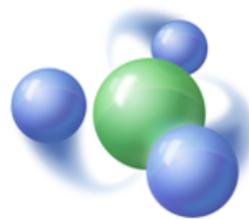
### Share with other home computers running Windows 7

Your computer can share files and printers with other computers running Windows 7, and you can stream media to devices using a homegroup. The homegroup is protected with a password, and you'll always be able to choose what you share with the group.

[Tell me more about homegroups](#)

Select what you want to share:

- Pictures
- Music
- Videos
- Documents
- Printers



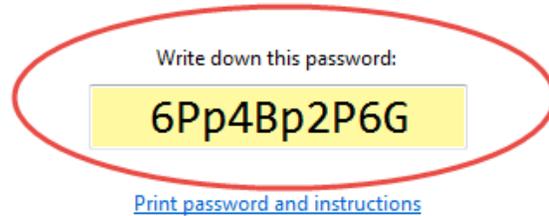
Next

Cancel

Selecting 'Documents' will allow you to share the EPB Setup File with the connected computer(s).

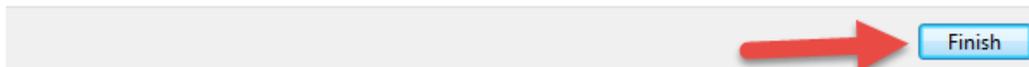
## Use this password to add other computers to your homegroup

Before you can access files and printers located on other computers, add those computers to your homegroup. You'll need the following password.



If you ever forget your homegroup password, you can view or change it by opening HomeGroup in Control Panel.

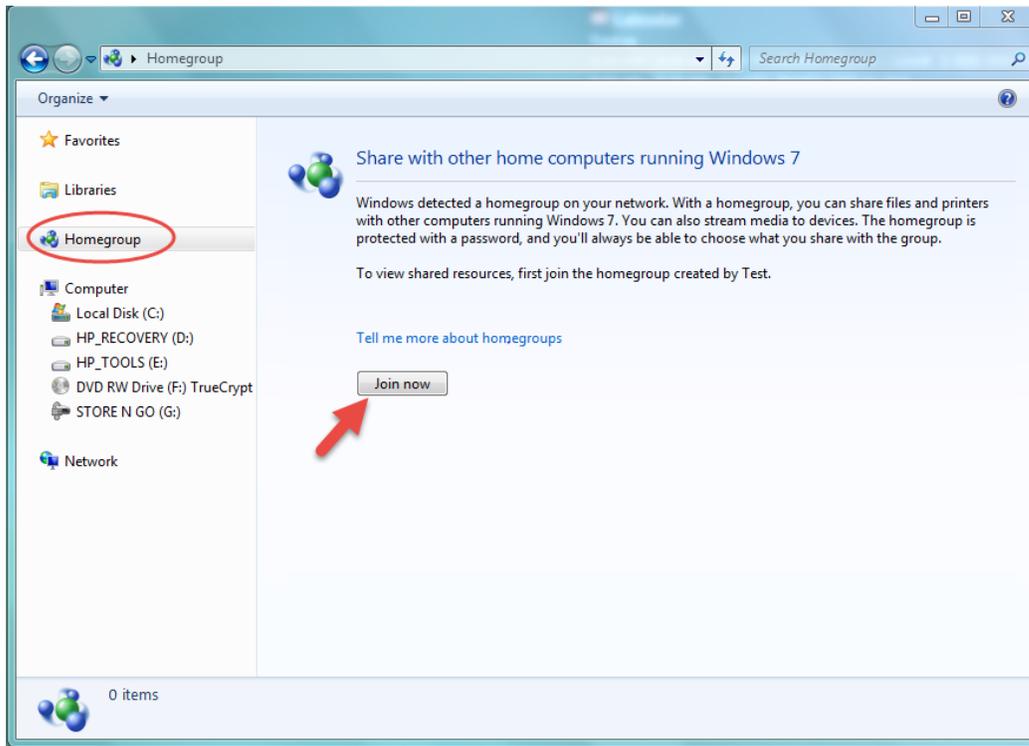
[How can other computers join my homegroup?](#)



Make sure you write down or print the password. It is required to join other laptops to the homegroup.

## Joining to the HomeGroup – Approach 2 – Step 2

Computer – Select Network from the left panel. If this option is unavailable, you may have to repeat Step 1 and select the Network button and click on homegroup in the left panel.



Select “Join now”

Or if this is not available check the following:

Control Panel – Network and Internet – Network and Sharing Center

Click on the ‘Available to join’ option next to HomeGroup

Control Panel Home

Change adapter settings  
Change advanced sharing settings

View your basic network information and set up connections [See full map](#)

DTTEST-HP (This computer) — Unidentified network — Internet

View your active networks [Connect or disconnect](#)

**Unidentified network**  
Home network

Access type: **No Internet access**  
HomeGroup: Available to join  
Connections: Local Area Connection  
VirtualBox Host-Only Network

Change your networking settings

- [Set up a new connection or network](#)  
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
- [Connect to a network](#)  
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
- [Choose homegroup and sharing options](#)  
Access files and printers located on other network computers, or change sharing settings.
- [Troubleshoot problems](#)  
Diagnose and repair network problems, or get troubleshooting information.

See also

- [Akamai NetSession Interface Control Panel \(32-bit\)](#)
- [HomeGroup](#)
- [HP Internet Sharing Manager](#)
- [Internet Options](#)
- [Windows Firewall](#)

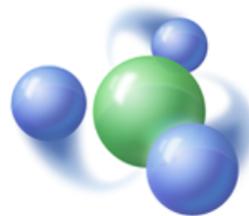
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Your computer can share files and printers with other computers running Windows 7, and you can stream media to devices using a homegroup. The homegroup is protected with a password, and you'll always be able to choose what you share with the group.

[Tell me more about homegroups](#)

Select what you want to share:

- Pictures
- Music
- Videos
- Documents
- Printers



[Next](#) [Cancel](#)

Share the Documents folder.

## Type the homegroup password

A password helps prevent unauthorized access to homegroup files and printers. You can get the password from Test on TEST-HP or another member of the homegroup.

[Where can I find the homegroup password?](#)

Type the password:



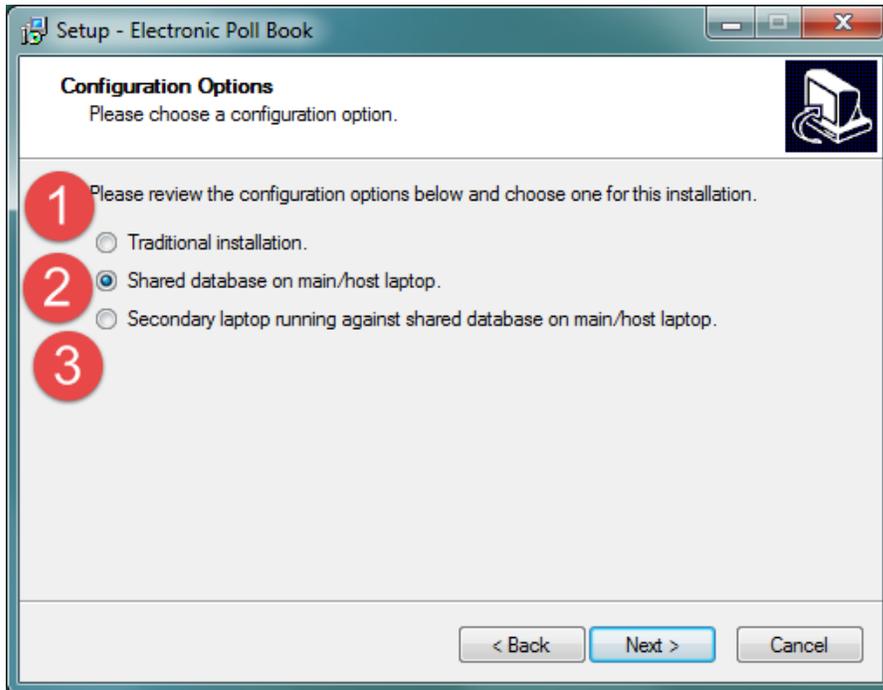
Next Cancel

Enter the homegroup password and select Next to join the homegroup.

## Installing Dual EPB

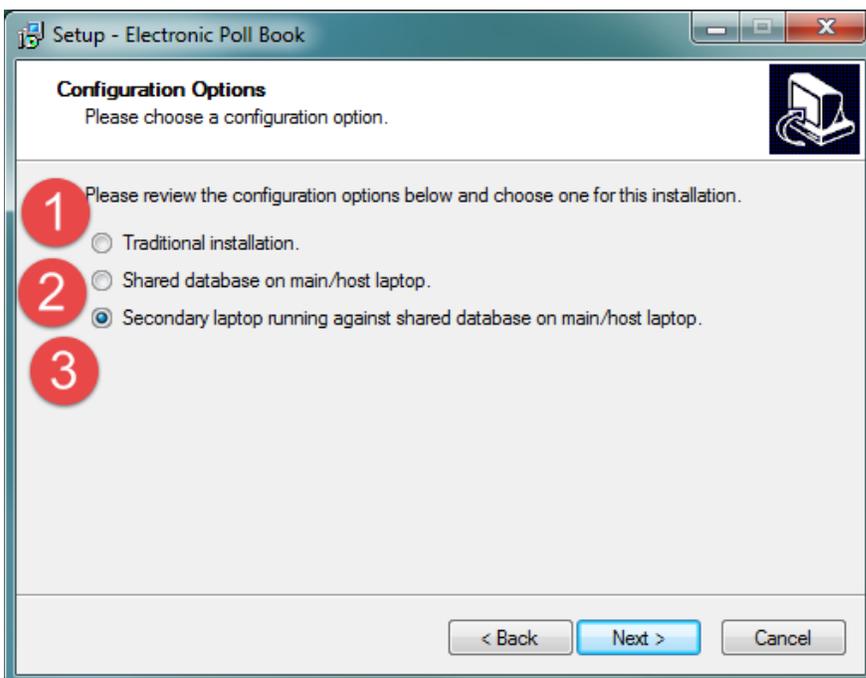
### Installation on the Server Laptop

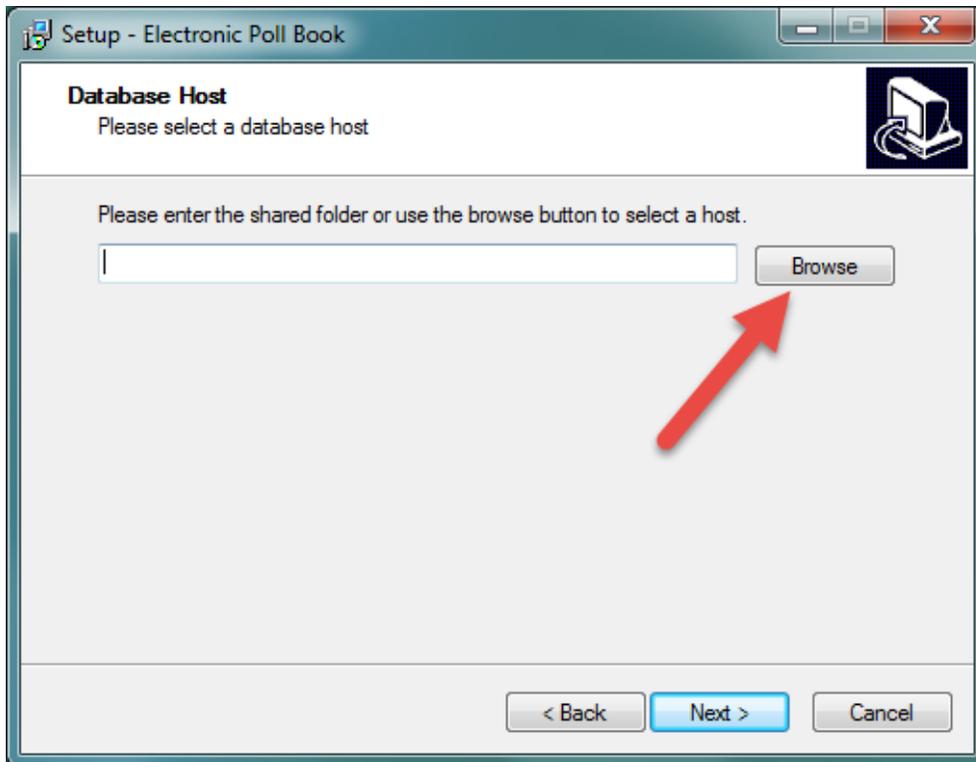
Select Option 2 when installing the EPB on the Server Laptop



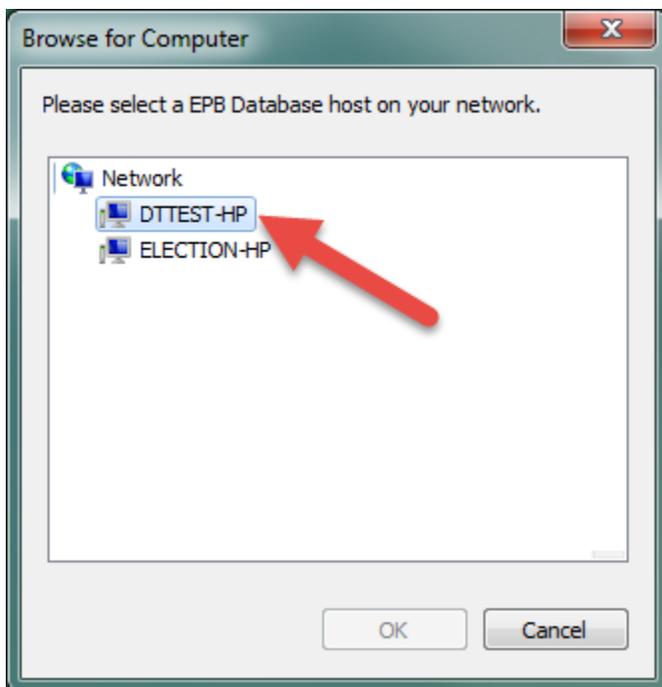
### Installation on the Client Laptop

Select Option #3 for installing the EPB on the client laptop.

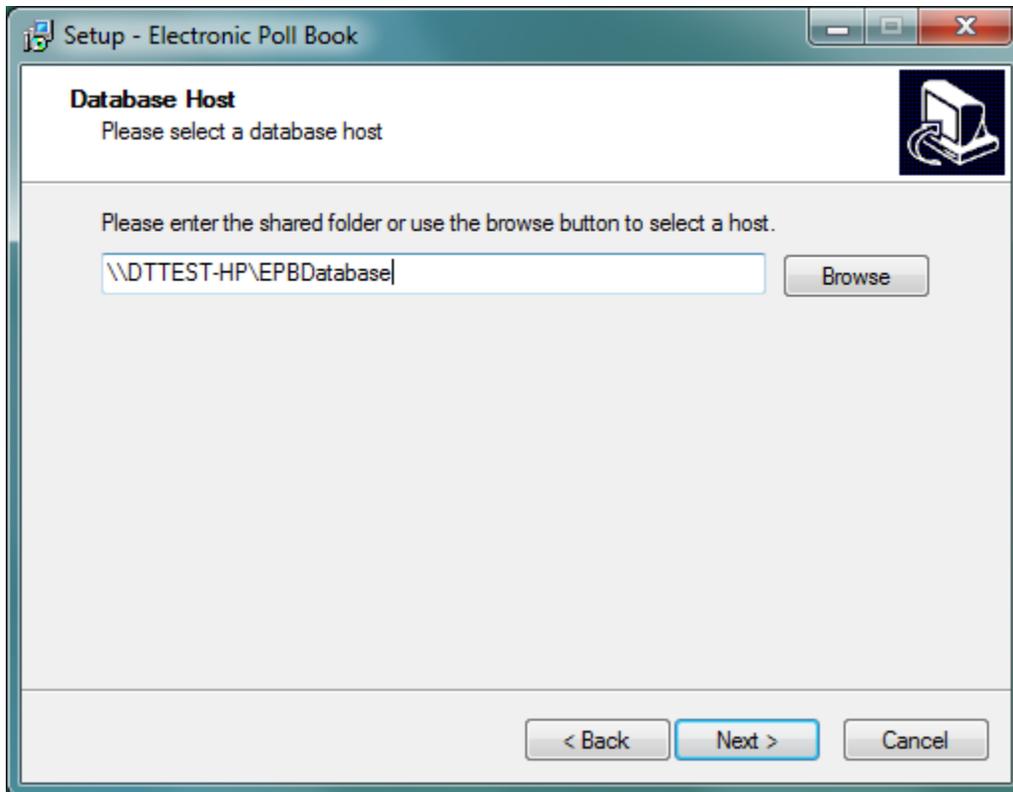




Select the Browse button.



Choose the "Server"



Path should fill-in automatically. Select the Next button.

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