

INFO603 Practical project documentation template (Engineering journal)

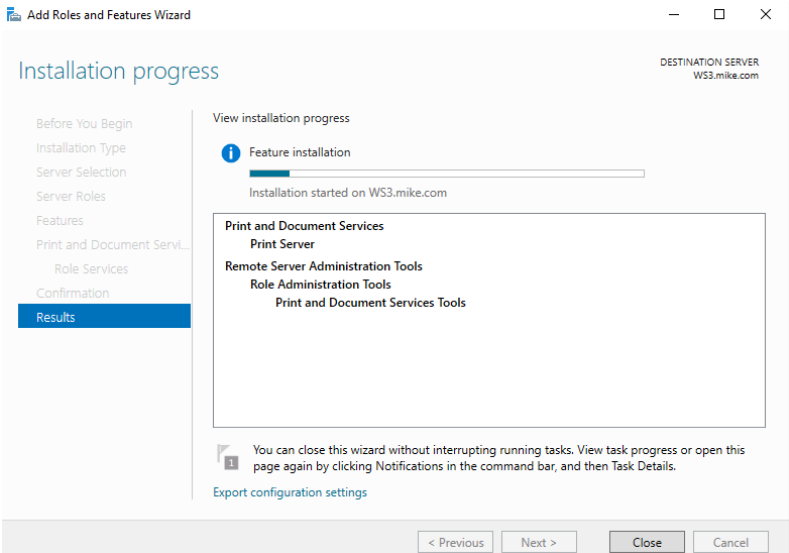
Section number: 7

Student name: Dominic Nathan

When doing practical work it is common practice and extremely useful to document the steps you took. This assists you make your learning more tangible and organize it. The more detail you can provide the better it is so that if ever you want to configure it in the future you have a personal record documented.

The project book gives the main implementation steps. However this documentation report requires you document what you did at each implementation step as you are doing the practical project. It is not advised to do this at the end otherwise you are likely to forget what you did.

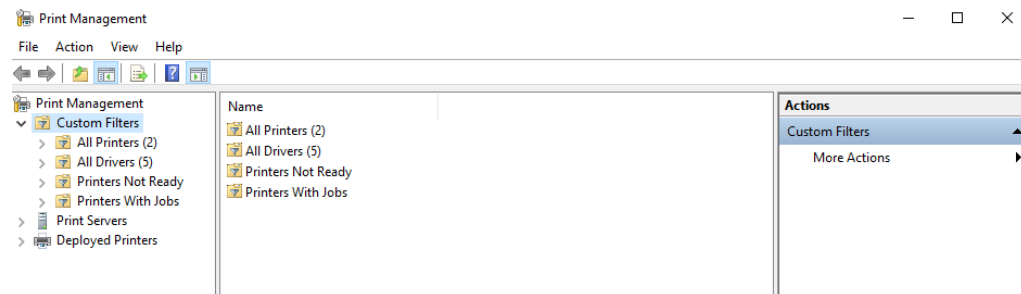
Please write this in your own words as it is a record of your work. Copied material is not accepted.

Installing Print server	<p>A print server links computers to a network and enables them to interact with accessible printers.</p> <p>Open server manager -> click add roles & features -> click next -> select role-based installation -> click next -> select WS2 from the sever pool -> click next -> select print and document services -> click add features -> click next -> click next -> select print server -> click next -> click install -> click close once it is installed.</p> 
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Print management

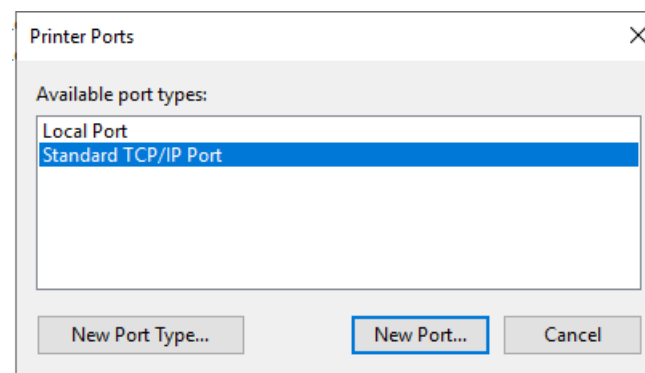
The print management tool allows administrators to monitor, track, configure and manage their printing and copying devices all in one convenient place.

Open server manager -> click tools -> select print management.

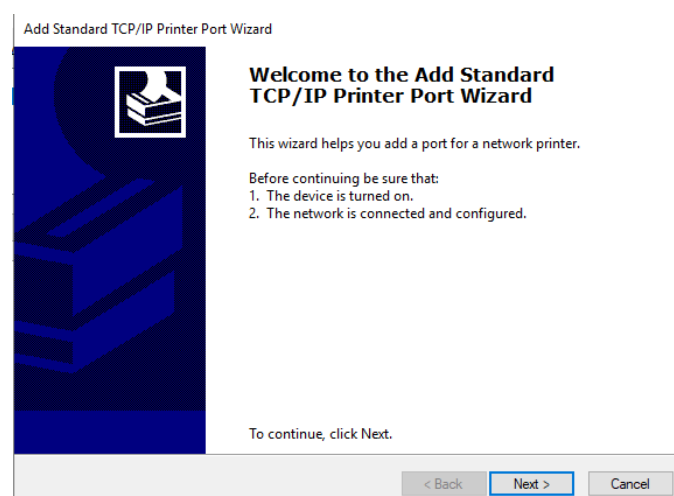


Adding ports

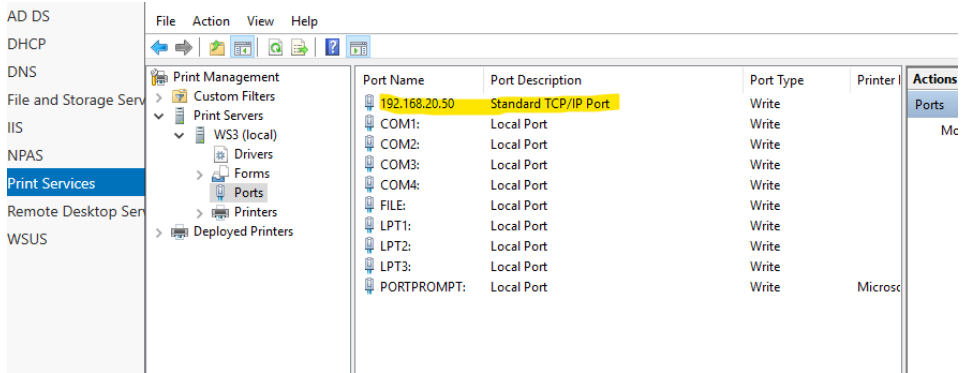
Open print management -> expand print servers -> expand WS2 -> select ports -> right click the middle panel -> select add new port -> select Standard TCP/IP port -> click new port.



A wizard will open -> click next



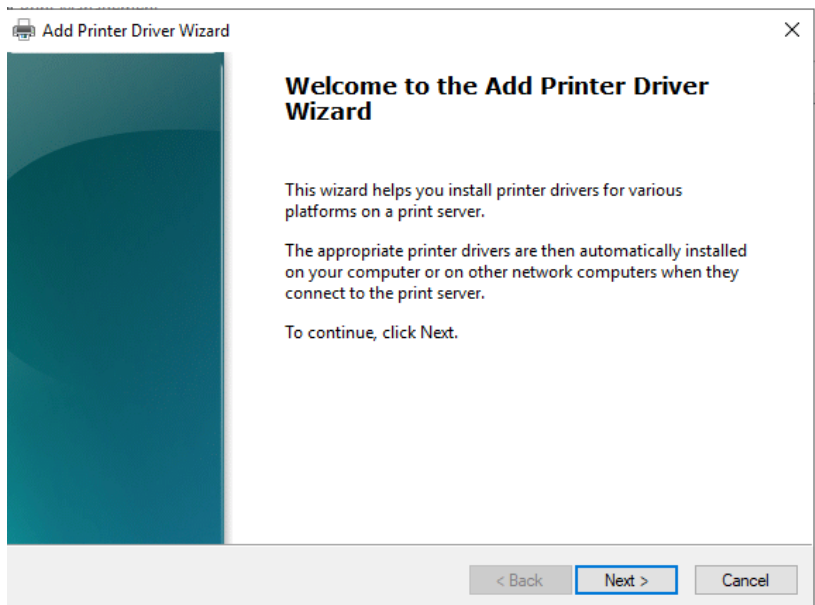
Enter your IP address for your printer -> click next



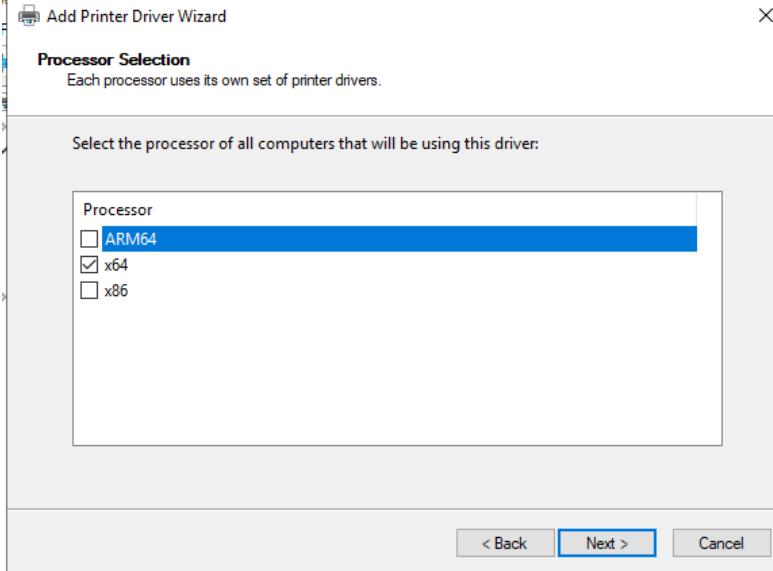
You'll then see your new port added to the list of ports.

Adding a driver

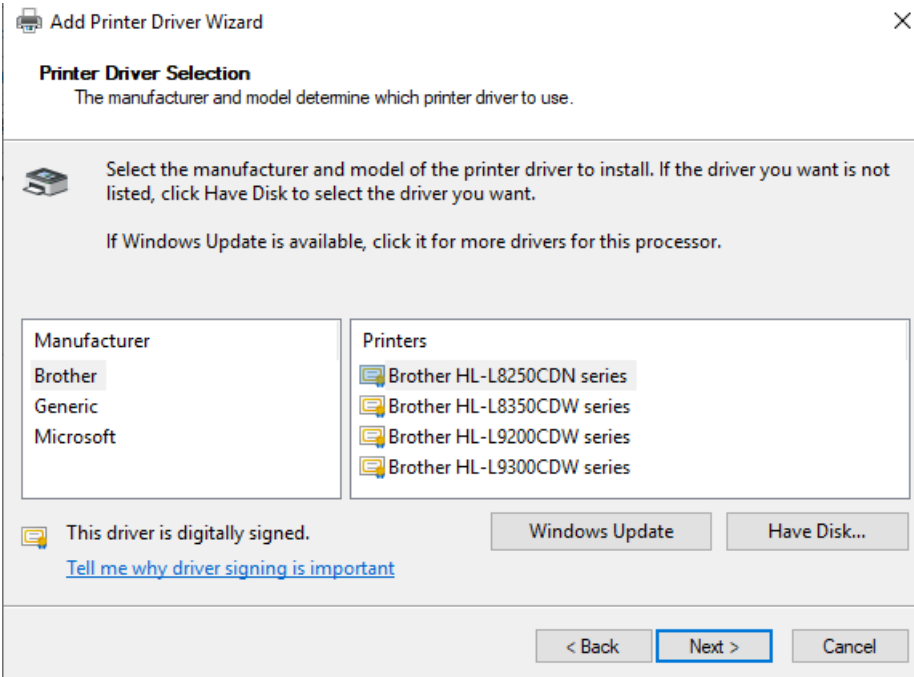
Open print management -> expand print servers -> expand WS2 -> select drivers -> right click the middle panel -> select add new driver -> a wizard will open.



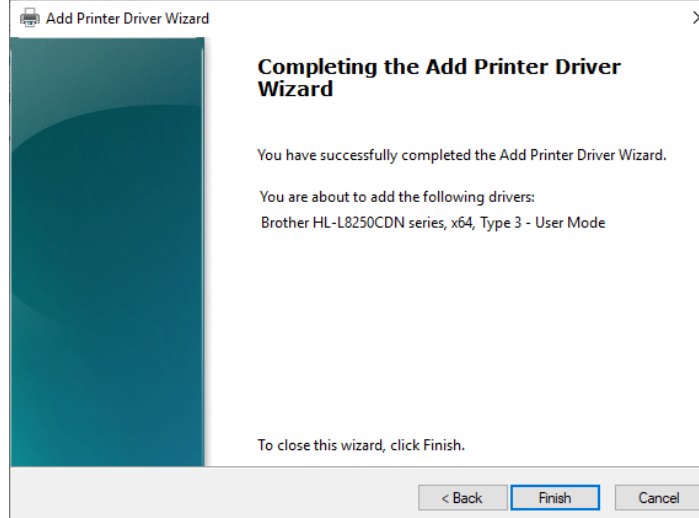
Click next -> select x64 -> click next



Click have a disk -> navigate to where you've stored your driver -> click open -> click next



Click finish



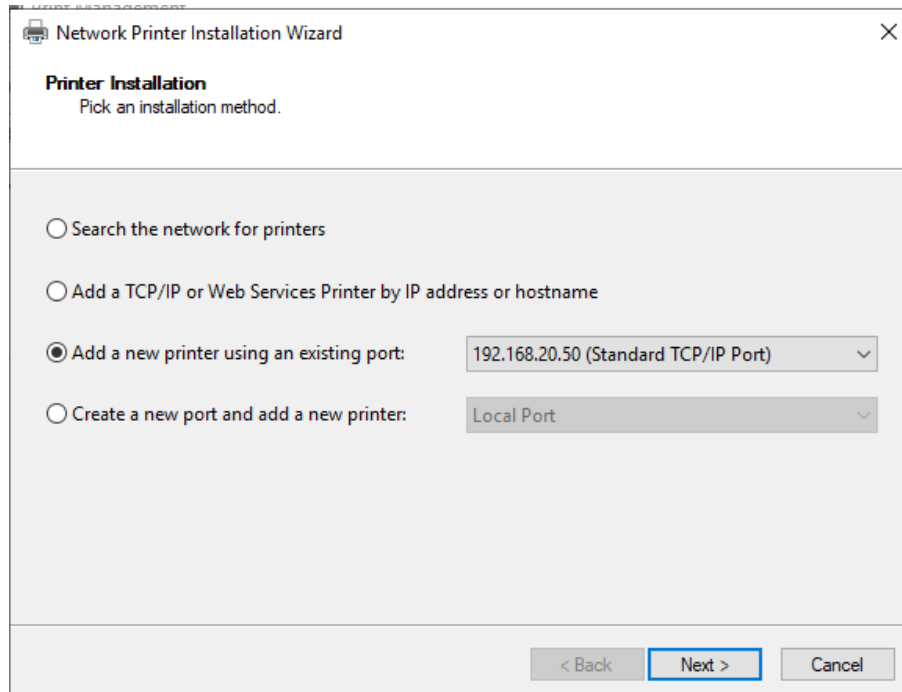
You should then see your driver in your driver list.

Print Management				
Custom Filters				
Print Servers				
WS3 (local)				
Drivers				
Forms				
Ports				
Printers				
Deployed Printers				
Driver Name		Environment	Driver Version	Driver Isolation
Brother HL-L8250CDN series		Windows x64	1.7.0.0	Shared
Microsoft enhanced Point and ...		Windows x64	10.0.17763.348	None
Microsoft enhanced Point and ...		Windows NT x86	10.0.17763.348	None
Microsoft Print To PDF		Windows x64	10.0.17763.1	None
Microsoft XPS Document Write...		Windows x64	10.0.17763.1	None
Remote Desktop Easy Print		Windows x64	10.0.17763.737	None

Adding a printer to WS2

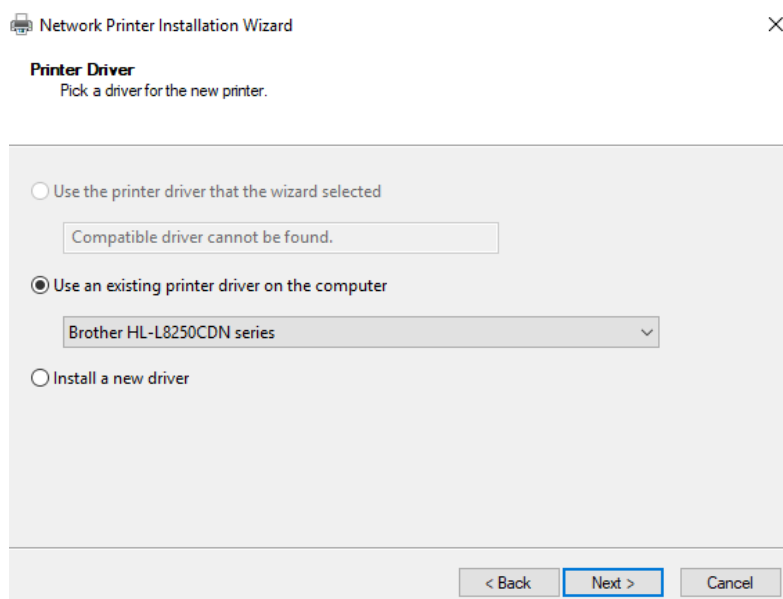
Open print management -> expand print servers -> expand WS2 -> select printers -> right click the middle panel -> select add new printer -> a wizard will open.

Select Add a new printer using an existing port -> select the port we created earlier -> click next.



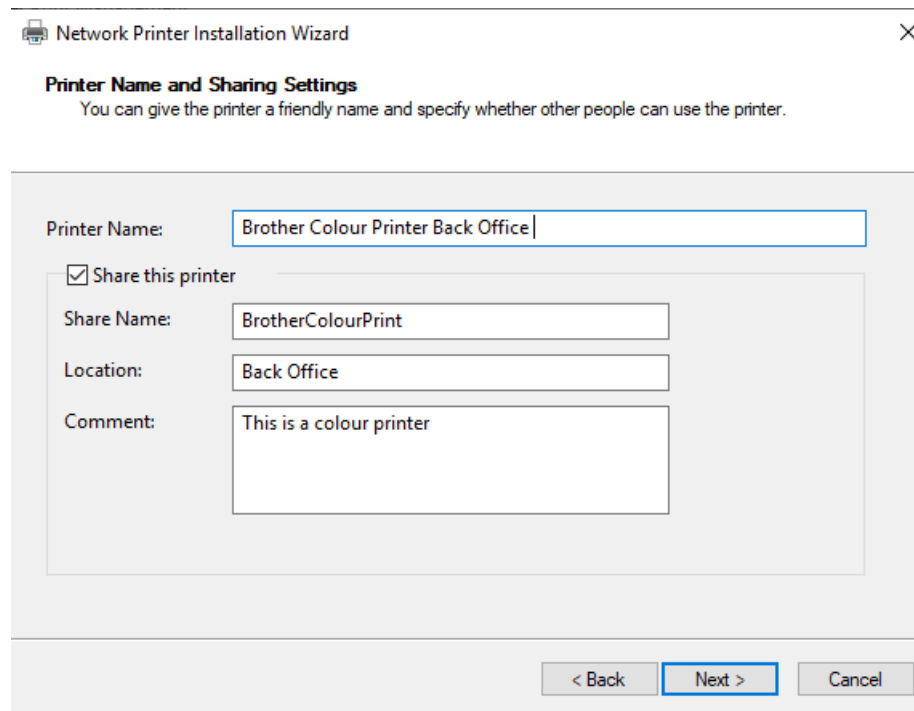
The screenshot shows the 'Network Printer Installation Wizard' window, specifically the 'Printer Installation' step. The title bar reads 'Network Printer Installation Wizard' with a close button. Below the title, it says 'Printer Installation' and 'Pick an installation method.' There are four radio button options: 'Search the network for printers', 'Add a TCP/IP or Web Services Printer by IP address or hostname', 'Add a new printer using an existing port:' (which is selected), and 'Create a new port and add a new printer:'. The selected option has a dropdown menu showing '192.168.20.50 (Standard TCP/IP Port)'. The other option has a dropdown menu showing 'Local Port'. At the bottom, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

Click use an existing printer driver on the computer -> select the driver we added earlier -> click next.



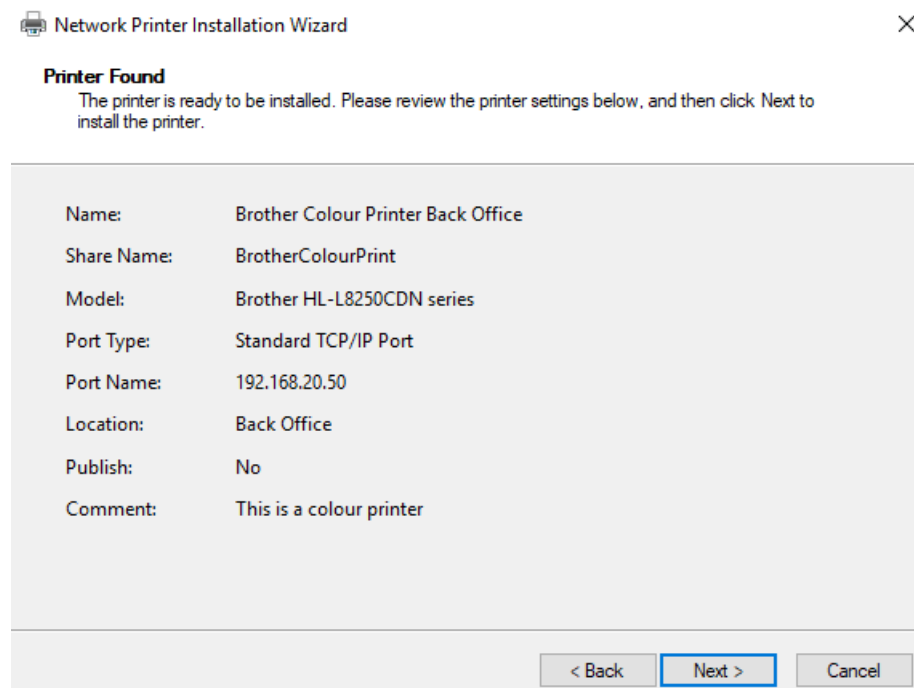
The screenshot shows the 'Network Printer Installation Wizard' window, specifically the 'Printer Driver' step. The title bar reads 'Network Printer Installation Wizard' with a close button. Below the title, it says 'Printer Driver' and 'Pick a driver for the new printer.' There are three radio button options: 'Use the printer driver that the wizard selected' (with a text box below it saying 'Compatible driver cannot be found.'), 'Use an existing printer driver on the computer' (which is selected), and 'Install a new driver'. The selected option has a dropdown menu showing 'Brother HL-L8250CDN series'. At the bottom, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

You can leave the fields as default, or you can add information if you would like -> click next.



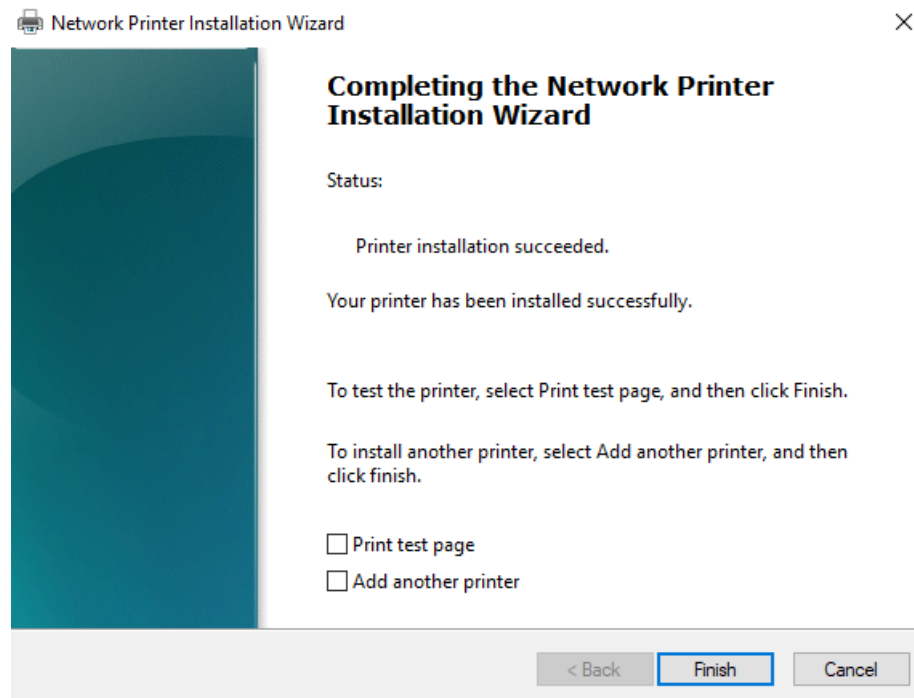
The screenshot shows the 'Printer Name and Sharing Settings' window of the Network Printer Installation Wizard. The window title is 'Network Printer Installation Wizard' with a close button (X) in the top right corner. Below the title bar, the section is titled 'Printer Name and Sharing Settings' with a subtitle: 'You can give the printer a friendly name and specify whether other people can use the printer.' The main area contains several input fields: 'Printer Name' with the text 'Brother Colour Printer Back Office', a checked checkbox for 'Share this printer', 'Share Name' with 'BrotherColourPrint', 'Location' with 'Back Office', and a 'Comment' field with 'This is a colour printer'. At the bottom right, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

You'll then be presented with another window click next.



The screenshot shows the 'Printer Found' window of the Network Printer Installation Wizard. The window title is 'Network Printer Installation Wizard' with a close button (X) in the top right corner. Below the title bar, the section is titled 'Printer Found' with a subtitle: 'The printer is ready to be installed. Please review the printer settings below, and then click Next to install the printer.' The main area displays a list of printer settings: Name: Brother Colour Printer Back Office, Share Name: BrotherColourPrint, Model: Brother HL-L8250CDN series, Port Type: Standard TCP/IP Port, Port Name: 192.168.20.50, Location: Back Office, Publish: No, and Comment: This is a colour printer. At the bottom right, there are three buttons: '< Back', 'Next >' (highlighted with a blue border), and 'Cancel'.

It'll then begin to install the printer once it's done click finish.

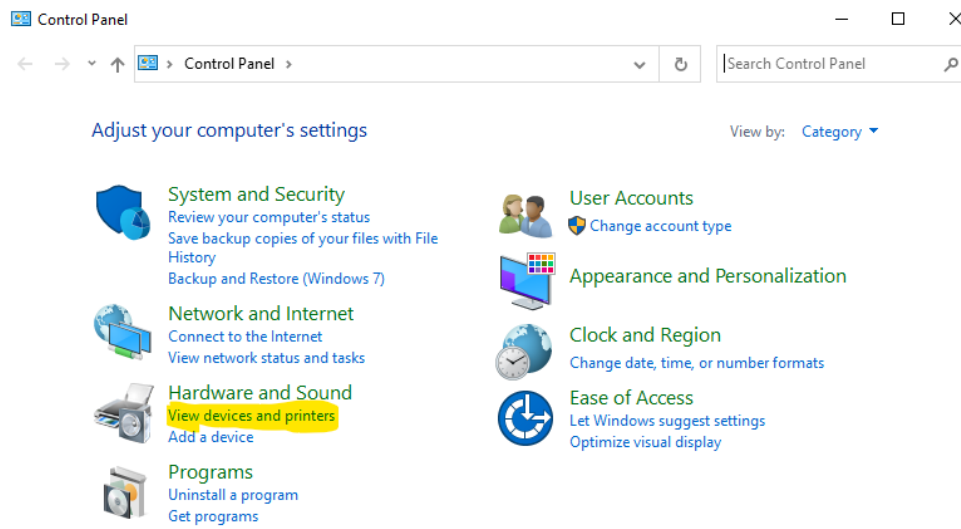


Your printer when then be displayed in the printer list as shown below.

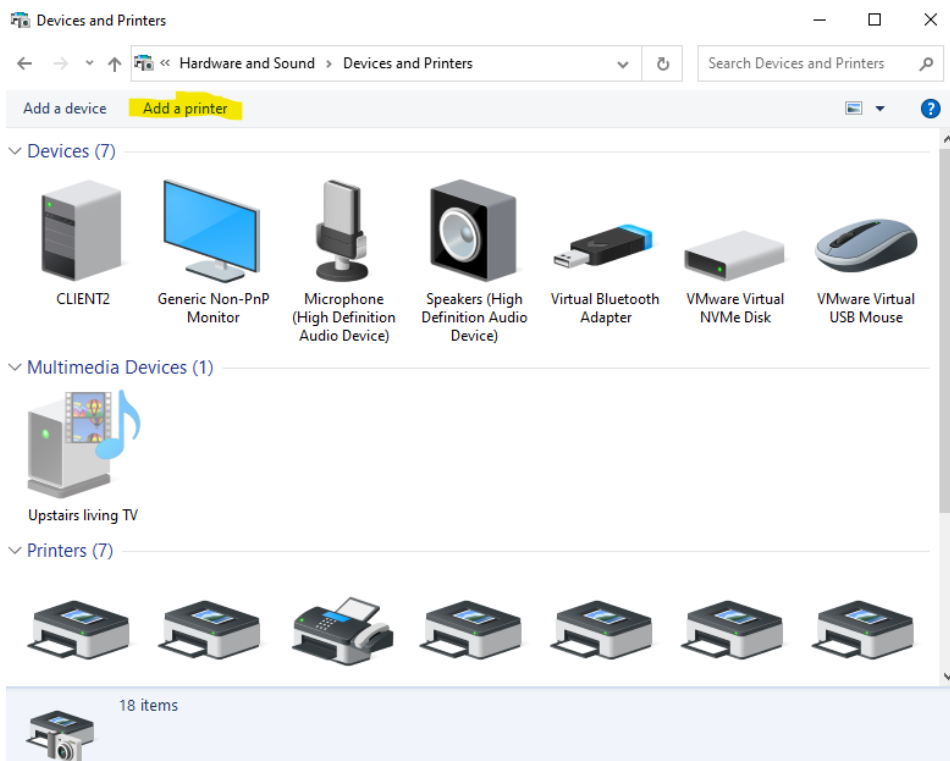
Print Management > Custom Filters Print Servers WS3 (local) Drivers Forms Ports Printers > Deployed Printers	Printer Name	Queue Status	Jobs In ...	Server Name	Driver	Actions
	Brother Colour Printer Back Offi...	Ready	0	WS3 (local)	Brothe	Printers
	Microsoft Print to PDF	Ready	0	WS3 (local)	Micro:	More Actions
	Microsoft XPS Document Writer	Ready	0	WS3 (local)	Micro:	

Adding printer to the client.

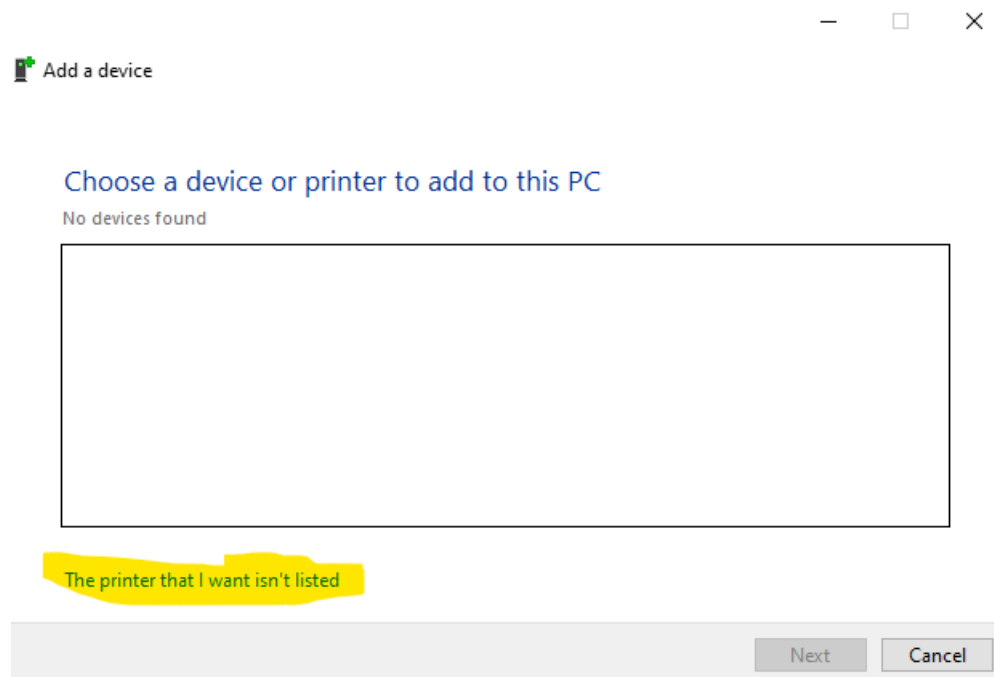
Log into your client machine -> open control panel -> click view devices and printers.



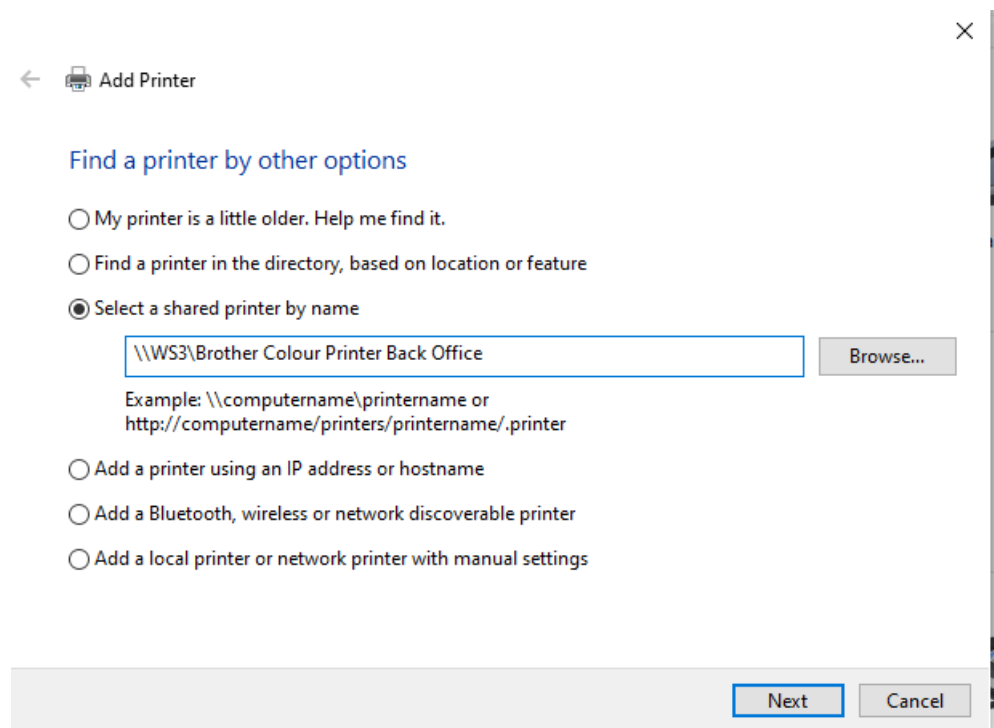
Click add a printer.



Wait for the printer to display if it doesn't display click the printer that I want isn't listed




Select "Select a shared printer by name" -> enter printer name or path -> click next.



Once the drivers have been installed you'll see the following screen -> click next.



←  Add Printer

You've successfully added Brother Colour Printer Back Office on WS3

Printer name:

Brother Colour Printer Back Office on WS3


This printer has been installed with the Brother HL-L8250CDN series driver.

Next

Cancel

Click finish or print a test page.



←  Add Printer

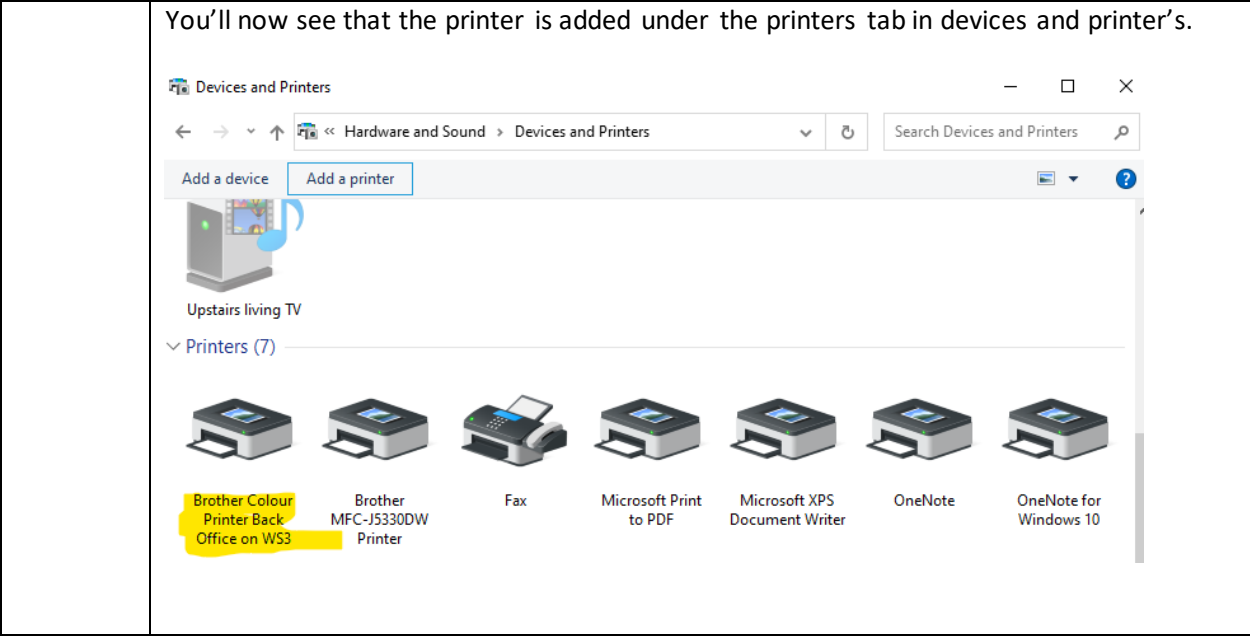
You've successfully added Brother Colour Printer Back Office on WS3

To check if your printer is working properly, or to see troubleshooting information for the printer, print a test page.

Print a test page

Finish

Cancel



List At the three most useful Internet resources that you used (provided by the tutor)

There was only one resource provided by the tutor for this section
https://www.youtube.com/watch?v=pqxvIkulTfE&ab_channel=LabsHandsOn

List all (at least three) Internet resources that you found and used that were not provided by the tutor)

The only resources I used are the two below.
<https://www.brother.co.nz/customer-help>
https://support.brother.com/g/b/downloadhowto.aspx?c=nz&lang=en&prod=hll9200cdw_us_as_cn&os=10013&dlid=dlf100893_000&flang=4&type3=408

Reflect on at least two significant problems you came across during the implementation of this section and the solution you found. Use at least five sentence to describe each problem and five sentences to describe each solution. Demonstrate your critical thinking and problem-solving abilities.

Problem	Solution
I only had one problem while completing this section and that was that the client couldn't see the printer when I went to add it.	My solution was to use the "the printer that I want isn't listed" and then add the path of the printer, which allowed me to add the printer to my client machine.