

BCM96348 Printer Server Configuration Procedure

1. Introduction

This application notes explain the steps of enabling the Printer Server function in BCM96348 DSL Router reference platforms.

2. How to enable on-board Printer Server function

Following are the steps to enable the on-board Printer Server.

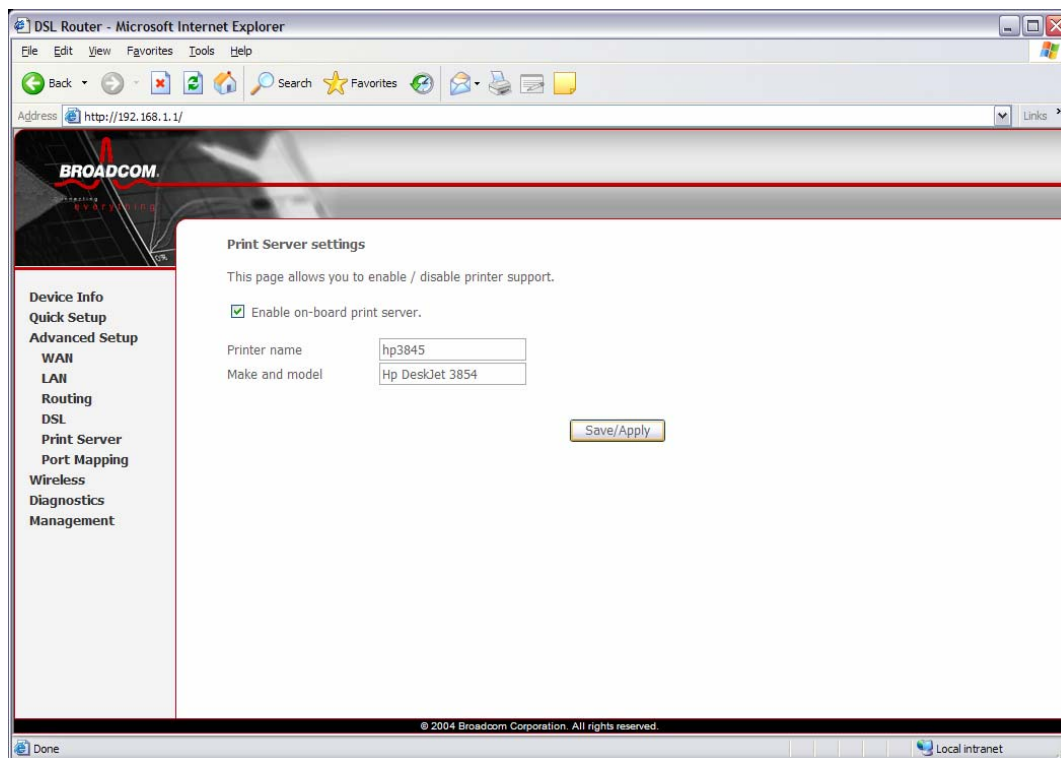
Step1: Enable Print Server from Modem Web GUI.

Check **“Enable on-board printer server”** and key in **“Printer name”**, **“Make and model”**

Note:

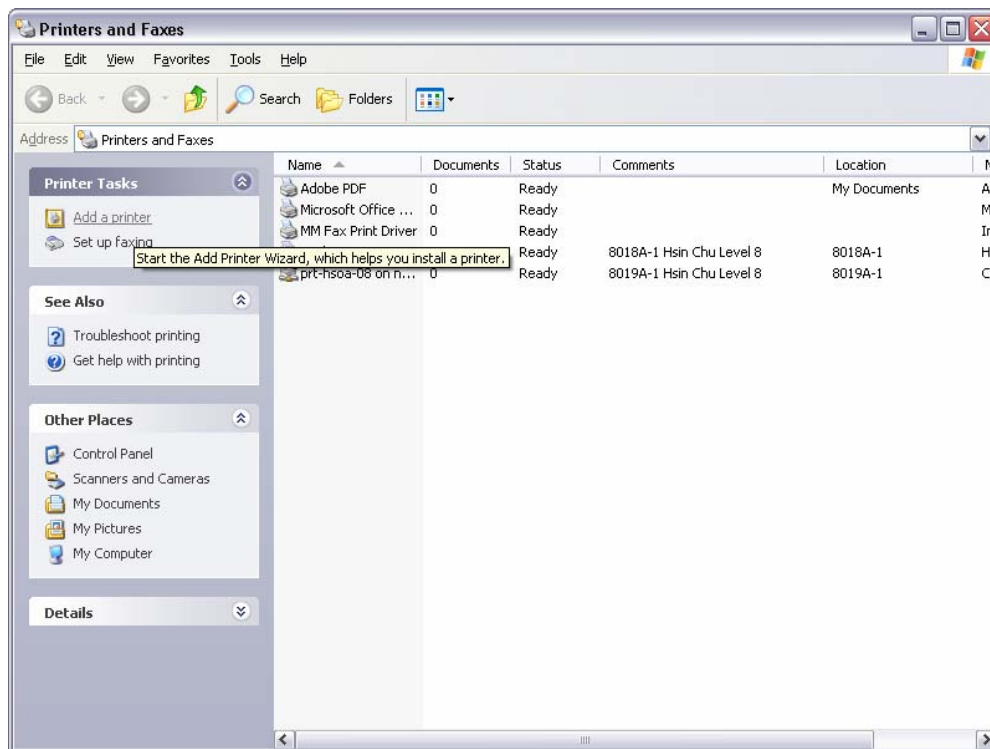
The **“Printer name”** can be any text string up to 40 characters.

The **“Make and model”** can be any text string up to 128 characters.

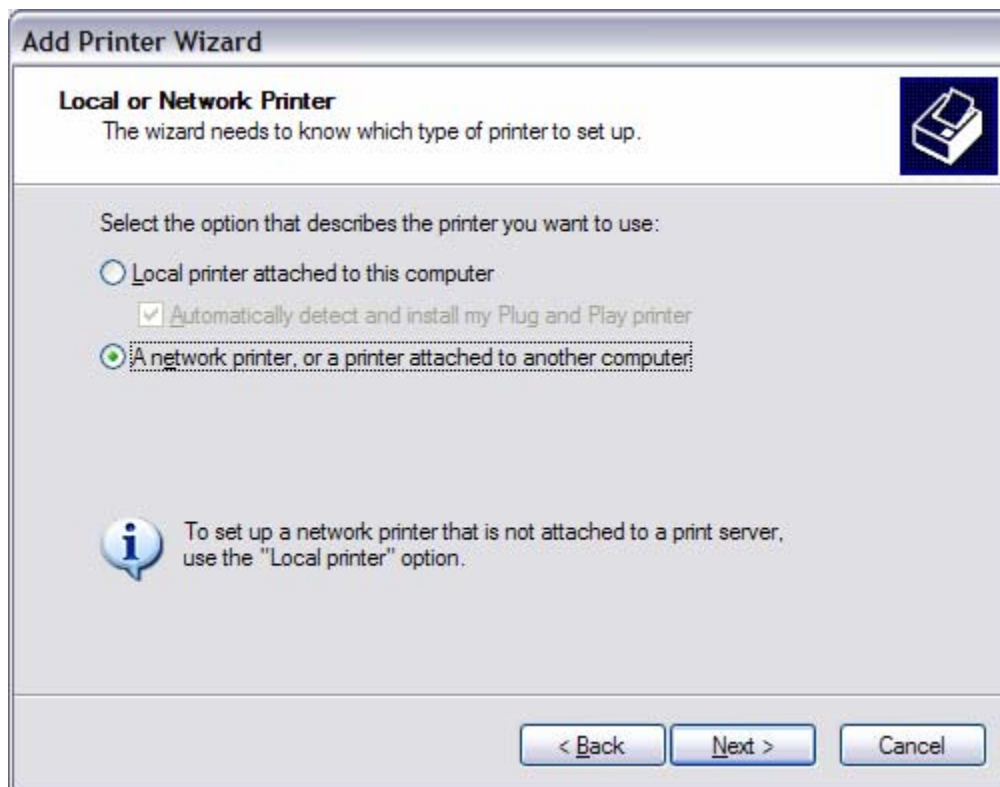


The screenshot shows a Microsoft Internet Explorer browser window displaying the DSL Router web interface. The address bar shows `http://192.168.1.1/`. The page title is "DSL Router - Microsoft Internet Explorer". The main content area is titled "Print Server settings" and contains the following text: "This page allows you to enable / disable printer support." Below this, there is a checkbox labeled "Enable on-board print server." which is checked. To the right of the checkbox are two input fields: "Printer name" with the value "hp3845" and "Make and model" with the value "Hp DeskJet 3854". A "Save/Apply" button is located below the input fields. On the left side of the page, there is a navigation menu with the following items: "Device Info", "Quick Setup", "Advanced Setup", "WAN", "LAN", "Routing", "DSL", "Print Server" (which is highlighted), "Port Mapping", "Wireless", "Diagnostics", and "Management". At the bottom of the page, there is a copyright notice: "© 2004 Broadcom Corporation. All rights reserved." and a "Local intranet" icon.

Step2: Click on Add a printer from **Control Panel** of the **Win XP** computer and click “Next”.



Step3: Select Network Printer and click “Next”.



The screenshot shows the 'Add Printer Wizard' window. The title bar says 'Add Printer Wizard'. The main heading is 'Local or Network Printer'. Below it, a message says 'The wizard needs to know which type of printer to set up.' There is a printer icon in the top right corner. The main area contains the text 'Select the option that describes the printer you want to use:'. There are two radio button options: 'Local printer attached to this computer' and 'A network printer, or a printer attached to another computer'. The second option is selected. A checkbox labeled 'Automatically detect and install my Plug and Play printer' is checked. At the bottom, there is an information icon and a message: 'To set up a network printer that is not attached to a print server, use the "Local printer" option.' At the very bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.


Add Printer Wizard

Local or Network Printer
The wizard needs to know which type of printer to set up.

Select the option that describes the printer you want to use:

☐ Local printer attached to this computer
☒ Automatically detect and install my Plug and Play printer

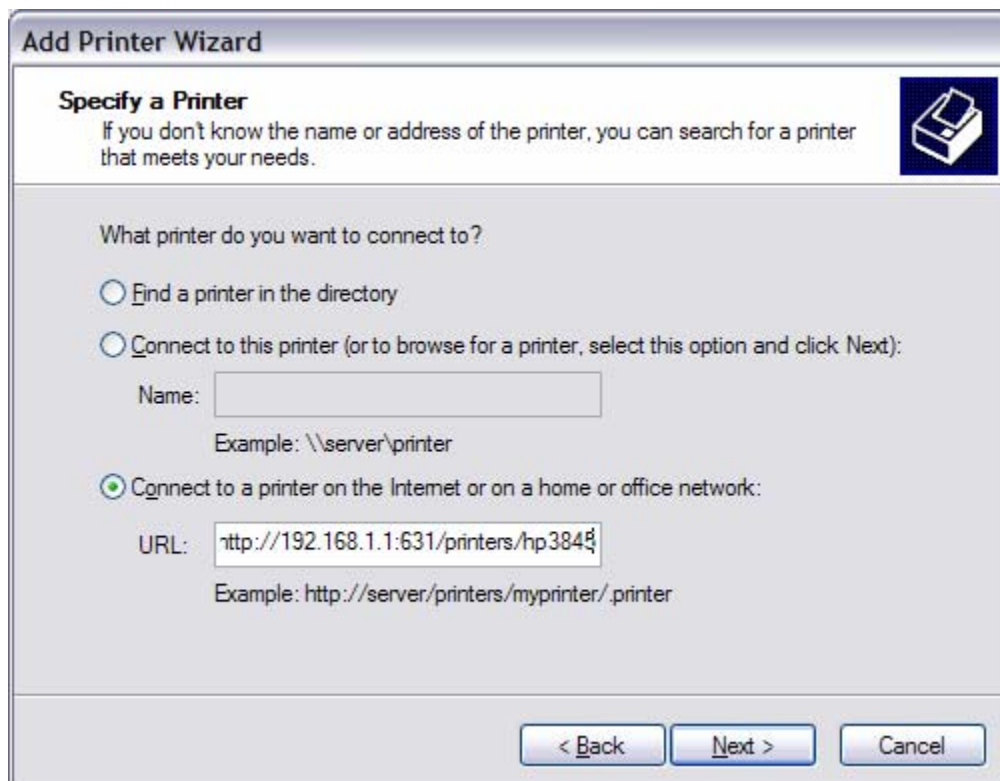
☒ A network printer, or a printer attached to another computer

 To set up a network printer that is not attached to a print server, use the "Local printer" option.

< Back Next > Cancel

Step4: Select Connect to a printer on the Internet, type
“<http://192.168.1.1:631/printers/hp3845>” and click “Next”.

The printer name “hp3845” must be the same name entered in the ADSL modem WEB UI “printer server setting” as in step 1.



The screenshot shows the 'Add Printer Wizard' window. The title bar says 'Add Printer Wizard'. The main heading is 'Specify a Printer'. Below it, a message says 'If you don't know the name or address of the printer, you can search for a printer that meets your needs.' There is a printer icon in the top right corner. The main area contains the text 'What printer do you want to connect to?'. There are two radio button options: 'Find a printer in the directory' and 'Connect to this printer (or to browse for a printer, select this option and click Next):'. The second option is selected. Below the second option, there is a text box labeled 'Name:' with an example: '\\server\printer'. The third option is selected: 'Connect to a printer on the Internet or on a home or office network:'. Below this, there is a text box labeled 'URL:' with the value 'http://192.168.1.1:631/printers/hp3845' and an example: 'http://server/printers/myprinter/printer'. At the bottom, there are three buttons: '< Back', 'Next >', and 'Cancel'.

Add Printer Wizard

Specify a Printer
If you don't know the name or address of the printer, you can search for a printer that meets your needs.

What printer do you want to connect to?

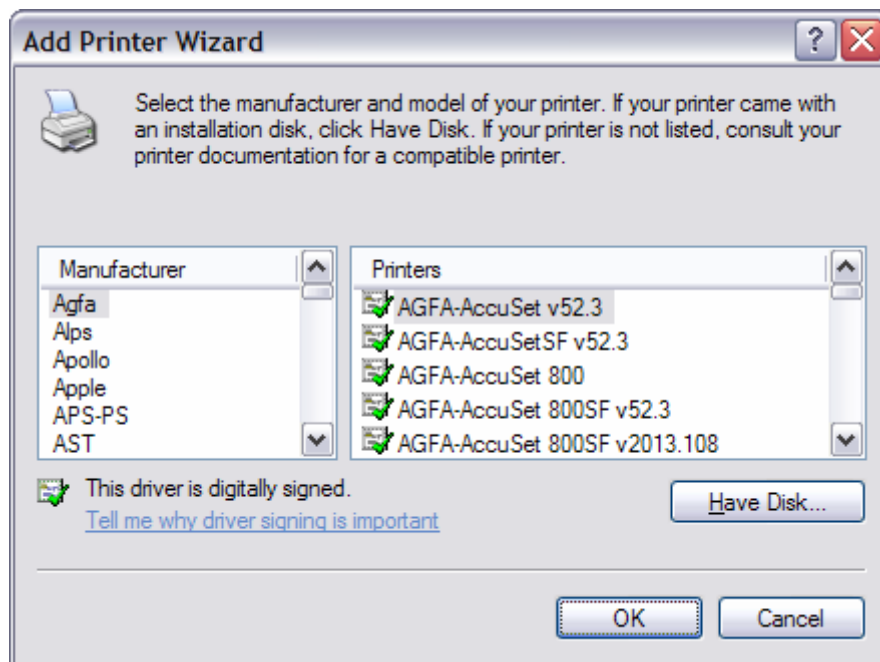
☐ Find a printer in the directory

☐ Connect to this printer (or to browse for a printer, select this option and click Next):
Name:
Example: \\server\printer

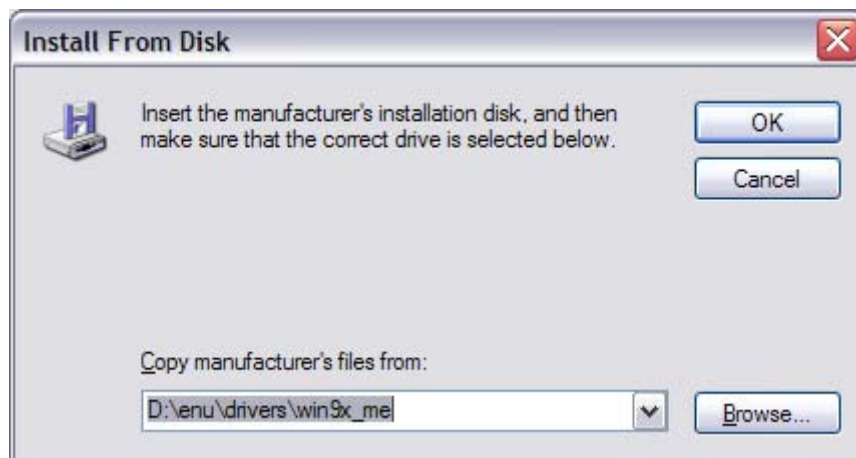
☒ Connect to a printer on the Internet or on a home or office network:
URL:
Example: http://server/printers/myprinter/printer

< Back Next > Cancel

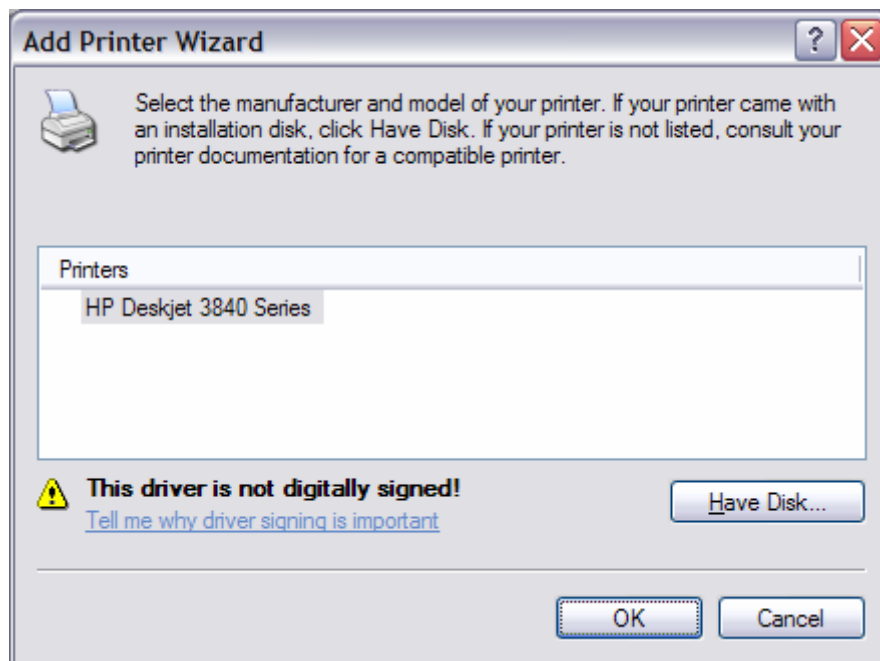
Step 5: Click “Have Disk”, insert printer driver CD.



Step 6: Select driver file directory on CD-ROM and click “OK”.



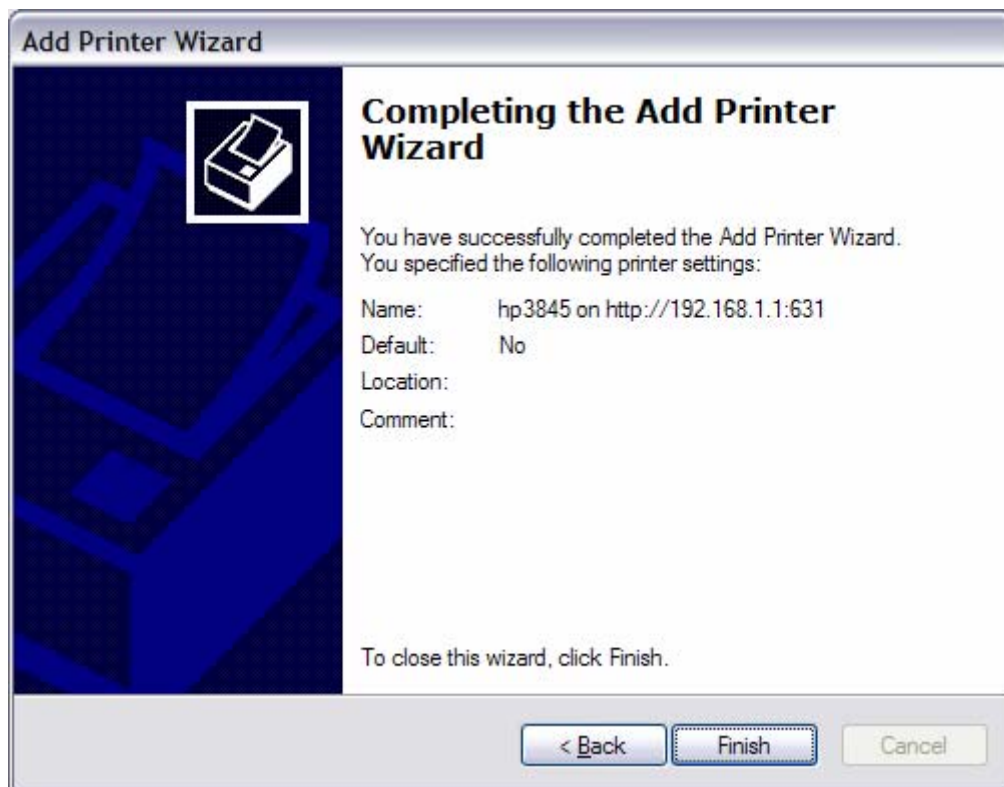
Step 7: Once the printer name appears, click “OK”.



Step 8: Choose “Yes” or “No” for default printer setting and click “Next”.



Step 9: Click “Finish”.



Step 10: Check the status of printer from Windows Control Panel, printer window. Status should be shown ready.

