

| Subject     | Configuration of the DP-602 for connecting to an ISP (Pacific Internet in this example) |
|-------------|---|
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| Reference   | C:\DP-x02\DP602_PI2.doc   |
| Revision    | 2.0   |

## **Introduction**

The D-Link DP-602 internet server is designed to provide a single-point access to the internet for multiple networked PCs. One of the primary features of the internet server is that it provides multi-user access to the Internet simultaneously through a single user account and one connection.

## Configuration of the Internet Server DP-602 for ISP Connection

The network configuration are shown below:



- Install the IS-Admin, you could use the default IP address for your DP-602 as shown in the example above if you are setting up a *new local area network* (LAN) in your office.
   NOTE: *If you need to change the IP address* of the Internet Server DP-602 to your existing IP address range:
- Please change the IP address using the IS-Admin program under **Configuration** menu/window **Change IP address** option.
- The DP-602 will restart itself (~30 sec).
- Upon restarting, re-**Discover Server**; and then please **DISABLE** the **DHCP Server** function under **DHCP Server** tab. Please consult your Network Administrator if you want to enable/use the DHCP Server function in the DP-602.
- 2) You could use the IS-Admin or a browser to set up the DP-602.

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3) If you use IS-Admin, you will discover the DP-602 on your LAN as shown below.

| Discover Server | Instruction<br>Click the @text to ex  | ecute the corresponding func   |
|-----------------|---|--|
| Server Name     | Information<br>MAC Address 00 80 c8 77 99 45<br>IP Address 192.168.100.1<br>Model DP-602<br>Status Running<br>Firmware 1.20<br>Up Time 0 days, 00:00;00<br>Diagnostics<br>Itraffic Analysis | Configuration<br>Change IP Address<br>Quick Configuration<br>Configuration<br>Tools<br>Dial Up<br>Hang Up<br>Test<br>Reset<br>Factory Reset<br>Download Firmware |
| adv             |   | 1 Internet Server  |

4) Click on **Configuration** to configure the DP-602. The configuration is shown in the next

| ystem   WAN Port 1   WAN Port 2              | DHCP Server   Server Address |
|--|------------------------------|
| ierver Name IS-779945                        | Change Password              |
| Local LAN                                    |                              |
| IP Address 192 . 168 . 100 . 1               | New Password                 |
| Subnet Mask 255 . 255 . 255 . 0              | Confirm Again                |
| Operation Mode<br>LAN-to-WAN Internet Server |                              |
| C LAN-to-LAN Internet Server                 |                              |
| Global IP Address                            | 000                          |
| Subnet Mask                                  | 0 0 0                        |
| Default Gateway                              | 0 0 0                        |
|  |                              |

two diagrams below.

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If you have second modem connecting to the **WAN Port 2**, you could set it up in the similar manner as setting up the **WAN Port 1**.

If you would like to use the DP-602 as a DHCP server, please consult your Network Administrator and refer to the user's guide pages 39-40.

5) Click Save and the DP-602 will reset itself.

If you are using a **browser** to configure the DP-602, make sure you use **NO proxies**. Then, you could interface with the DP-602 by inputting its IP address (e.g. 192.168.100.1) in the URL Location. The setup parameters are identical to what are given above.

| HA N         | etsca        | pe - [In      | ternet Server(19     | 6-779945)]            |                    |   | □×         |
|--------------|--------------|---------------|----------------------|-----------------------|--------------------|---|------------|
| <u>F</u> ile | <u>E</u> dit | ⊻iew <u>(</u> | <u>ào B</u> ookmarks | Options Directory Win | dow <u>H</u> elp   |   |            |
| Ø            | Locati       | on: http:/    | //192.168.100.1/     |                       |                    | • | N.         |
| <b>_</b>     |              |               |                      |                       |                    |   | -          |
| Ν            | /Ien         | u             |                      | D-Link                | Internet Server    |   |            |
| H            | ome          |               | <u></u>              |                       |                    |   | 7          |
| C            | onfig        | uratio        | ı                    | Server Name           | IS-779945          |   |            |
|              | Syste        | tm            | -                    | Model                 | DP-602             |   |            |
| 1            | WAN          | I Port 1      |                      | Firmware Version      | 1.20               |   |            |
| Ι.           | . 177 A N    | 1 D ~+ 2      | <b>_</b>             | MAC Address           | 00 80 (28 77 99 45 |   | - <u>-</u> |
| <u>I</u>     | <b>9</b> D   | )ocumen       | t: Done              |                       |                    |   | 1.         |





6) The setup for your workstation should be:

| TCP/IP Properties   | TCP/IP Properties   |
|---|---|
| Bindings Advanced NetBIOS<br>DNS Configuration Gateway WINS Configuration IP Address  | Bindings Advanced NetBIOS<br>DNS Configuration Gateway WINS Configuration IP Address                  |
| An IP address can be automatically assigned to this computer.<br>If your network does not automatically assign IP addresses, ask<br>your network administrator for an address, and then type it in<br>the space below.                              | Contact your network administrator to find out if you need to configure your computer for WINS.       |
| C Obtain an IP address automatically  | C Enable WINS Resolution:   |
| Specify an IP address:  | Primary WINS Server:  |
| IR Address 100, 100, 100, 10  | Carrier Multic Carrier  |
| IF Address: 192.168.100.10  | Secondary WINS Server:  |
| Subnet Mask: <b>255.255.255.0</b>   | Scope ID:   |
| -   | Use DHCP for WINS Resolution  |
| OK Cancel   | OK Cancel   |
| TCP/IP Properties ? ×   | TCP/IP Properties   |
| Bindings Advanced NetBIOS<br>DNS Configuration Gateway WINS Configuration IP Address<br>The first gateway in the Installed Gateway list will be the default.<br>The address order in the list will be the order in which these<br>machines are used | Bindings Advanced NetBIOS<br>DNS Configuration Gateway WINS Configuration IP Address<br>C Disable DNS |
|   |   |
|   | Host: steven Domain: pacific.net.sg   |
|   | DNS Server Search Order   |
|   | <u>A</u> dd   |
| _Installed gateways:  | 203.120.90.40 <u>R</u> emove  |
|   | Domain Suffix Search Order  |
|   | Remove  |
| OK Cancel   | OK Cancel   |

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7) The setup on the Netscape Navigator is shown below:

| Proxies   |  |  |  |
|---|--|--|--|
| A network prov<br>access the inte<br>you do not nee   | y is a conduit between your computer and<br>ernet through a firewall. If you have a direc<br>ed to configure Proxies.                    | the internet and is used<br>t connection to the inte   | l to<br>rnet,  |
| С <u>N</u> o Pro  | oxies  |  |  |
| € Manua   | al Proxy Configuration   | 3  |  |
| C <u>A</u> utom<br><u>C</u> onfig   | atic Proxy Configuration<br>uration Location (URL):  | <u></u>  | eload  |
|   |  |  |  |
| l Proxy Confi   | OK   | Cancel   | Help   |
| I Proxy Confi<br>es  <br>'roxies  | OK.  | Cancel   | Help   |
| I Proxy Confi<br>es  <br>roxies<br>You may config<br>Netscape suppo   | OK<br>guration<br>ure a proxy and port number for each of P<br>orts.   | Cancel Cancel  | Help   |
| I Proxy Confi<br>es )<br>roxies<br>You may config<br>Netscape suppo<br>ETP Proxy:   | OK<br>guration<br>ure a proxy and port number for each of l<br>orts.<br>[proxy.pacific.net.sc  | Cancel Cancel the internet protocols the Port: 8   | Help<br>hat  |
| I Proxy Confi<br>ss  <br>roxies   | OK<br>guration<br>ure a proxy and port number for each of forts.<br>proxy.pacific.net.sg   | Cancel Cancel the internet protocols the Port: 8 Port: 8   | Help   |
| I Proxy Confi<br>ss  <br>roxies   | OK<br>guration<br>ure a proxy and port number for each of forts.<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg | Cancel Ca | Help<br>hat<br>080                                       |
| I Proxy Confi<br>ss<br>roxies<br>You may config<br>Netscape suppr<br>ETP Proxy:<br><u>G</u> opher Proxy:<br><u>H</u> TTP Proxy:<br><u>S</u> ecurity Proxy:                          | OK<br>guration<br>ure a proxy and port number for each of loots.<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg                         | the internet protocols the internet protocols the Port: 8<br>Port: 8<br>Port: 8<br>Port: 8<br>Port: 8<br>Port: 0   | Help   |
| I Proxy Confi<br>ss  <br>roxies   | OK<br>guration<br>ure a proxy and port number for each of loorts.<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg                        | the internet protocols the internet protocols the Port: 8<br>Port: 8<br>Port: 8<br>Port: 8<br>Port: 0<br>Port: 0   | Help   |
| I Proxy Confi<br>ss  <br>roxies   | OK<br>guration<br>ure a proxy and port number for each of loots.<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg                         | the internet protocols the internet protocols the Port: 8<br>Port: 8<br>Port: 8<br>Port: 8<br>Port: 0<br>Port: 0<br>Port: 0<br>Port: 1   | Help   |
| I Proxy Confi<br>ss<br>roxies<br>You may config<br>Netscape suppo<br>ETP Proxy:<br>Gopher Proxy:<br>Gopher Proxy:<br>Security Proxy:<br>Socks Host:<br>You may provid<br>the proxy: | OK<br>guration<br>ure a proxy and port number for each of loots.<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg<br>proxy.pacific.net.sg | the internet protocols the internet protocols the Port: 8<br>Port: 8<br>Port: 8<br>Port: 8<br>Port: 0<br>Port: 0<br>Port: 1<br>Port: 1<br>access directly, rather  | Help<br>hat<br>080<br>080<br>080<br>1<br>080<br>than via |

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