

DI-804 VPN connection with another DI-804V
(This example is using Static WAN IP addresses)

Date: 12 Aug 2002

Doc version: 1.0

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DI-804V-1

LAN: 192.168.5.1 255.255.255.0

WAN: 202.129.97.102 255.255.255.224

WAN gateway: 202.129.97.97 255.255.255.224

PC: 192.168.5.100 225.255.255.0

PC gateway: 192.168.5.1 225.255.255.0

DI-804V-2

LAN: 192.168.2.1 255.255.255.0

WAN: 202.129.97.103 255.255.255.224

WAN gateway: 202.129.97.97 255.255.255.224

PC: 192.168.2.100 225.255.255.0

PC gateway: 192.168.2.1 225.255.255.0

DI-804V-1 VPN Connection settings:

The screenshot shows the Basic Setup - Cable/DSL ISP Settings page for a D-Link VPN Router DI-804V. The page is displayed in Microsoft Internet Explorer. The browser's address bar shows the URL http://192.168.5.1/wiz_basic.htm. The page has a blue header with the D-Link logo and the title VPN Router DI-804V. Below the header is a navigation bar with tabs: DEVICE INFORMATION, DEVICE STATUS, BASIC SETUP (selected), ADVANCED SETTINGS, SYSTEM TOOLS, and HELP. On the left side, there is a Main menu with buttons for TIME SETTINGS, DEVICE IP SETTINGS, CABLE/DSL ISP SETTINGS (selected), ISP ADDITIONAL SETTINGS, MODEM SETTINGS, and VPN SETTINGS. The main content area is titled Basic Setup - Cable/DSL ISP Settings. It contains the following fields and options:

- Computer Name: DI-804V
- Domain Name: (empty)
- Dynamic IP: ☐ (selected)
- Static IP: ☒ (selected)
- PPPoE: ☐ (selected)
- IP Address: 202.129.97.102
- Subnet Mask: 255.255.255.0
- Gateway: 202.129.97.97
- User Name: (empty)
- Password: (empty)
- Dynamic DNS: ☒ (selected)
- Static DNS: ☐ (selected)
- DNS1: 0.0.0.0
- DNS2: 0.0.0.0

At the bottom of the form are two buttons: CANCEL and SAVE & RESTART. The footer of the page shows Copyright © 2000.

Setup Wizard - Time Settings - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://192.168.5.1/wiz_VPN_ike.htm Go Links >>

D-Link

VPN Router DI-804V

DEVICE INFORMATION DEVICE STATUS **BASIC SETUP** ADVANCED SETTINGS SYSTEM TOOLS HELP

Main menu

TIME SETTINGS

DEVICE IP SETTINGS

CABLE/DSL ISP SETTINGS

ISP ADDITIONAL SETTINGS

MODEM SETTINGS

VPN SETTINGS

SAVE & RESTART

VPN SETTINGS

Connection Name Test804V

Local IPSEC Identifier

Remote IPSEC Identifier

Remote IP Network 192 . 168 . 2 . 0

Remote IP Netmask 255 . 255 . 255 . 0

Remote Gateway IP 202 . 129 . 97 . 103

Network Interface WAN ETHERNET

Secure Association ☒ IKE ☐ Manual

Perfect Forward Secure ☒ Enabled ☐ Disabled

Encryption Protocol 3DES

PreShared Key test2

Key Life 3600 Seconds

IKE Life Time 28800 Seconds

SAVE

VPN Status - Microsoft Internet Explorer

VPN STATUS

IPSec Connection Status

Status	Connection Name	Remote IP	Virtual Network	Interface	Type	State	Tx Pkts	Rx Pkts	Up Time	Drop
Disable	Office1	202.129.97.101	192.168.0.0/24	WAN Ethernet		Idle	0	0	0 0:0:0	Drop
Inactive	Steven	0.0.0.0	0.0.0.0/0	WAN Ethernet		Idle	0	0	0 0:0:0	Drop
Active	Test804V	202.129.97.103	192.168.2.0/24	WAN Ethernet	ESP (3DES-CBC MD5)	Q-Estab.	2025	2404	0 0:11:26	Drop

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9 seconds left until page refresh!

DI-804V-2 VPN Connection settings:

Basic Setup - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites History Print W Mail Links >>

Address http://192.168.2.1/wiz_basic.htm

D-Link **VPN Router** **DI-804V**

DEVICE INFORMATION DEVICE STATUS **BASIC SETUP** ADVANCED SETTINGS SYSTEM TOOLS HELP

Main menu

TIME SETTINGS

DEVICE IP SETTINGS

CABLE/DSL ISP SETTINGS

ISP ADDITIONAL SETTINGS

MODEM SETTINGS

VPN SETTINGS

Basic Setup - Cable/DSL ISP Settings

Computer Name

Domain Name

☐ Dynamic IP ☒ Static IP ☐ PPPoE

IP Address

Subnet Mask

Gateway

User Name

Password

☒ Dynamic DNS ☐ Static DNS

DNS1

DNS2

CANCEL **SAVE & RESTART**

Copyright © 2000

Internet

Setup Wizard - Time Settings - Microsoft Internet Explorer

File Edit View Favorites Tools Help

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Address http://192.168.2.1/wiz_VPN_ike.htm Go Links >>

D-Link

VPN Router DI-804V

[DEVICE INFORMATION](#)
[DEVICE STATUS](#)
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Main menu

[TIME SETTINGS](#)
[DEVICE IP SETTINGS](#)
[CABLE/DSL ISP SETTINGS](#)
[ISP ADDITIONAL SETTINGS](#)
[MODEM SETTINGS](#)
[VPN SETTINGS](#)
[SAVE & RESTART](#)

VPN SETTINGS

Connection Name:
 Local IPSEC Identifier:
 Remote IPSEC Identifier:
 Remote IP Network:
 Remote IP Netmask:
 Remote Gateway IP:
 Network Interface:

Secure Association: ☒ IKE ☐ Manual
 Perfect Forward Secure: ☒ Enabled ☐ Disabled
 Encryption Protocol:
 PreShared Key:
 Key Life: Seconds
 IKE Life Time: Seconds

[SAVE](#)

Done Internet

VPN Status - Microsoft Internet Explorer

VPN STATUS

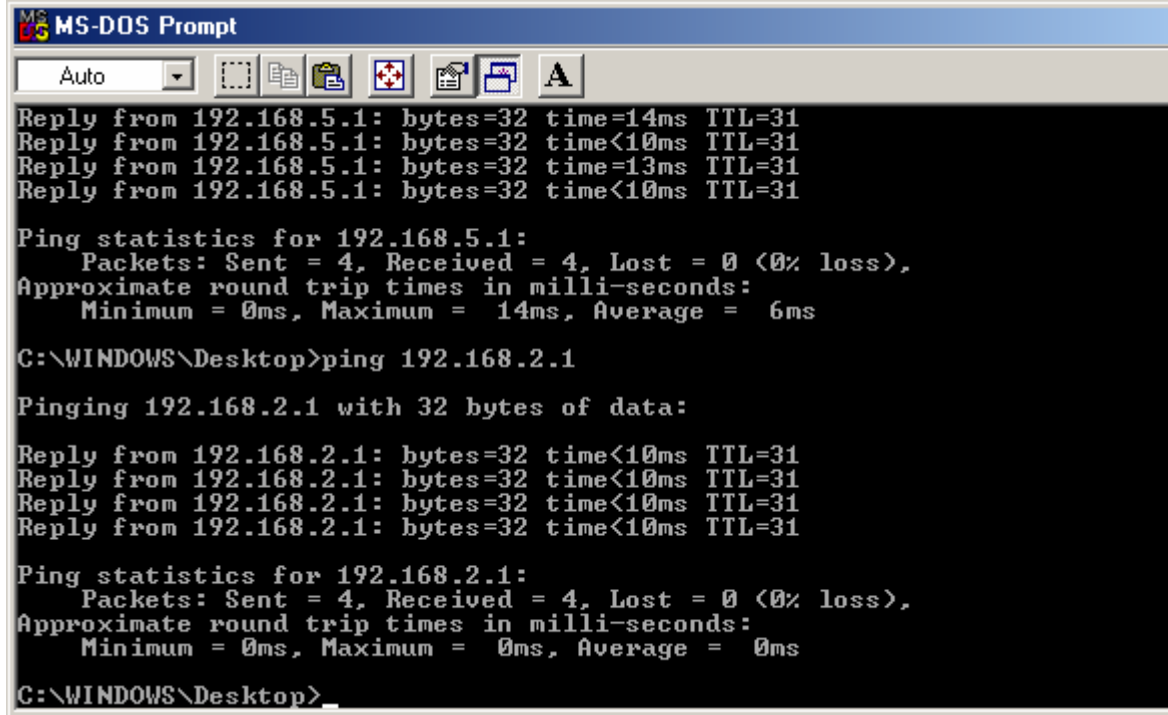
IPSec Connection Status

Status	Connection Name	Remote IP	Virtual Network	Interface	Type	State	Tx Pkts	Rx Pkts	Up Time	Drop
Active	test2	202.129.97.102	192.168.5.0/24	WAN Ethernet	ESP (3DES-CBC MD5)	Q-Estab.	378	378	00:07:38	Drop

Copyright 2000

11 seconds left until page refresh! Internet

Testing both LANs by pinging both sides of the IP addresses – Successful!

A screenshot of an MS-DOS Prompt window. The title bar reads "MS-DOS Prompt". The window contains the following text:

```
Auto
Reply from 192.168.5.1: bytes=32 time=14ms TTL=31
Reply from 192.168.5.1: bytes=32 time<10ms TTL=31
Reply from 192.168.5.1: bytes=32 time=13ms TTL=31
Reply from 192.168.5.1: bytes=32 time<10ms TTL=31

Ping statistics for 192.168.5.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 14ms, Average = 6ms

G:\WINDOWS\Desktop>ping 192.168.2.1

Pinging 192.168.2.1 with 32 bytes of data:

Reply from 192.168.2.1: bytes=32 time<10ms TTL=31
Reply from 192.168.2.1: bytes=32 time<10ms TTL=31
Reply from 192.168.2.1: bytes=32 time<10ms TTL=31
Reply from 192.168.2.1: bytes=32 time<10ms TTL=31

Ping statistics for 192.168.2.1:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 0ms, Average = 0ms

G:\WINDOWS\Desktop>
```

~ End of Document ~