
Basic Setup

Introduction

In the **Basic Setup** group, you can change the administrator password and IP configuration of LAN interface, also local DHCP server settings.

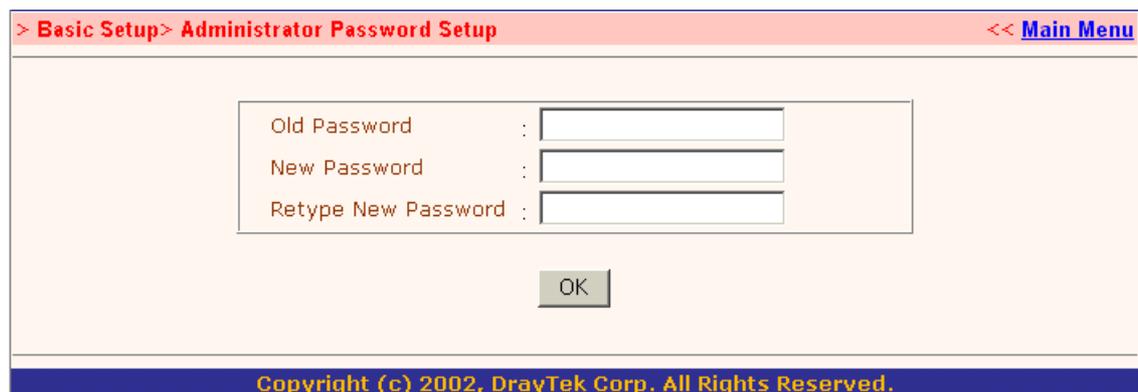


Configuration

- Changing the Administrator Password

For security reasons, we strongly recommend that you set an administrator password for the router. On first setup the router requires no password. If you don't set a password the router is open and can be logged into and settings changed by any user from the local network or the Internet.

Click **Administrator Password Setup**, the following screen will open.



A screenshot of the "Administrator Password Setup" configuration screen. The title bar shows "> Basic Setup> Administrator Password Setup" and a "<< Main Menu" link. The main area contains three input fields: "Old Password", "New Password", and "Retype New Password", each followed by a colon and a text box. Below the input fields is an "OK" button. At the bottom of the screen, a blue footer bar contains the text "Copyright (c) 2002, DrayTek Corp. All Rights Reserved."

Old Password: Enter an current administrator password. If this is the first time to set a password, leave this field blank.

New Password: Enter an new administrator password.

Retype New Password: Type the new password again for confirmation.

Click **OK**.

- Configuring LAN IP Address

There are two sets of IP address settings for the LAN interface. The 1st IP address/netmask is for private users or NAT users, and the 2nd IP address/netmask is for public users. To allow public users requires you to have subscribed to a globally reachable subnet from your ISP.

For example, for some DSL accounts, the ISP will assign a few public IP addresses for your local network usage. You could use one IP address for your router, and the 2nd IP address/netmask should be configured with the public IP address. Other local PCs should set the router IP address as the default gateway. When the DSL connection to the ISP has been established, each local PC will direct route to the Internet. Also, you could use the 1st IP address/netmask to connect to other private users (PCs). These IP addresses of the users will be translated to the 2nd IP address by the router and sent out via the DSL connection.

> Basic Setup > Ethernet TCP/IP and DHCP Setup << Main Menu

LAN IP Network Configuration		DHCP Server Configuration	
For NAT Usage		Activate	: <input checked="" type="radio"/> Yes <input type="radio"/> No
1st IP Address	: 192.168.1.1	Start IP Address	: 192.168.1.10
1st Subnet Mask	: 255.255.255.0	IP Pool Counts	: 50
For IP Routing Usage	: <input type="radio"/> Enable <input checked="" type="radio"/> Disable	Gateway IP Address	: 192.168.1.1
2nd IP Address	: 192.168.2.1	DNS Server IP Address	:
2nd Subnet Mask	: 255.255.255.0	Primary IP Address	:
RIP Protocol Control	: Disable	Secondary IP Address	:

OK

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For NAT Usage: (Default: Always Enable)

1st IP Address: Private IP address for connecting to a local private network (Default: 192.168.1.1).

1st Subnet Mask: Netmask for the local private network (Default: 255.255.255.0/24).

For IP Routing Usage: (Default: Disable)

Enable: Enables the 2nd IP address settings.

Disable: Disables the 2nd IP address settings.

2nd IP Address: Sets a public IP address.

2nd Subnet Mask: Sets a netmask for the public IP address.

RIP Protocol Control:

Disable: Disables RIP packets exchange on LAN interface.

1st Subnet: Sets the 1st subnet to exchange RIP packets with neighbor routers connected to LAN interface.

2nd Subnet: Sets the 2nd subnet to exchange RIP packets with neighbor routers connected to LAN interface.

- Configuring DHCP Server

DHCP stands for Dynamic Host Configuration Protocol. It can automatically dispatch related IP settings to any local user configured as a DHCP client.

> Basic Setup> Ethernet TCP/IP and DHCP Setup << Main Menu

LAN IP Network Configuration

For NAT Usage

1st IP Address : 192.168.1.1

1st Subnet Mask : 255.255.255.0

For IP Routing Usage : Enable Disable

2nd IP Address : 192.168.2.1

2nd Subnet Mask : 255.255.255.0

RIP Protocol Control : Disable

DHCP Server Configuration

Activate : Yes No

Start IP Address : 192.168.1.10

IP Pool Counts : 50

Gateway IP Address : 192.168.1.1

DNS Server IP Address :

Primary IP Address :

Secondary IP Address :

OK

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Activate: (Default: Yes).

Yes: Enables the DHCP server.

No: Disables the DHCP server.

Start IP Address: Sets the start IP address of the IP address pool.

IP Pool Counts: Sets the number of IPs in the IP address pool.

Gateway IP Address: Sets the gateway IP address for the DHCP server. Usually, it should be same as 1st IP address when the router works as a default gateway.

DNS Server IP Address: (Default: None).

DNS stands for Domain Name System. Every Internet host must have a unique IP address, also they may have a human friendly, easy to remember name such as www.yahoo.com. The DNS server converts the user friendly name into it's equivalent IP address.

Primary IP Address: Sets the IP address of the primary DNS server.

Secondary IP Address: Sets the IP address of the secondary DNS server.

Note: If both the Primary IP and Secondary IP Address fields are left blank, the router will assign its own IP address to local users as a DNS proxy server and maintain a DNS cache. If the IP address of a domain name is already in the DNS cache, the router will resolve the domain name immediately. Otherwise, the router forwards the DNS query packet to the external DNS server by establishing a WAN (e.g. DSL/Cable) connection.