# DGL-4500 fw 1.02 Screenshots.
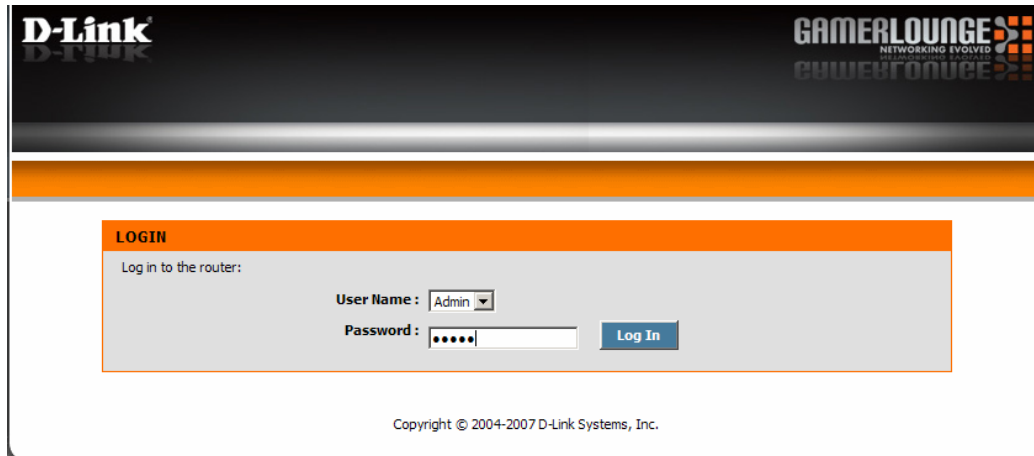
Default IP Address: 192.168.0.1
Username: Admin
Password: Nothing (blank)



**D-Link** GAMERLOUNGE NETWORKING EVOLVED

**LOGIN**
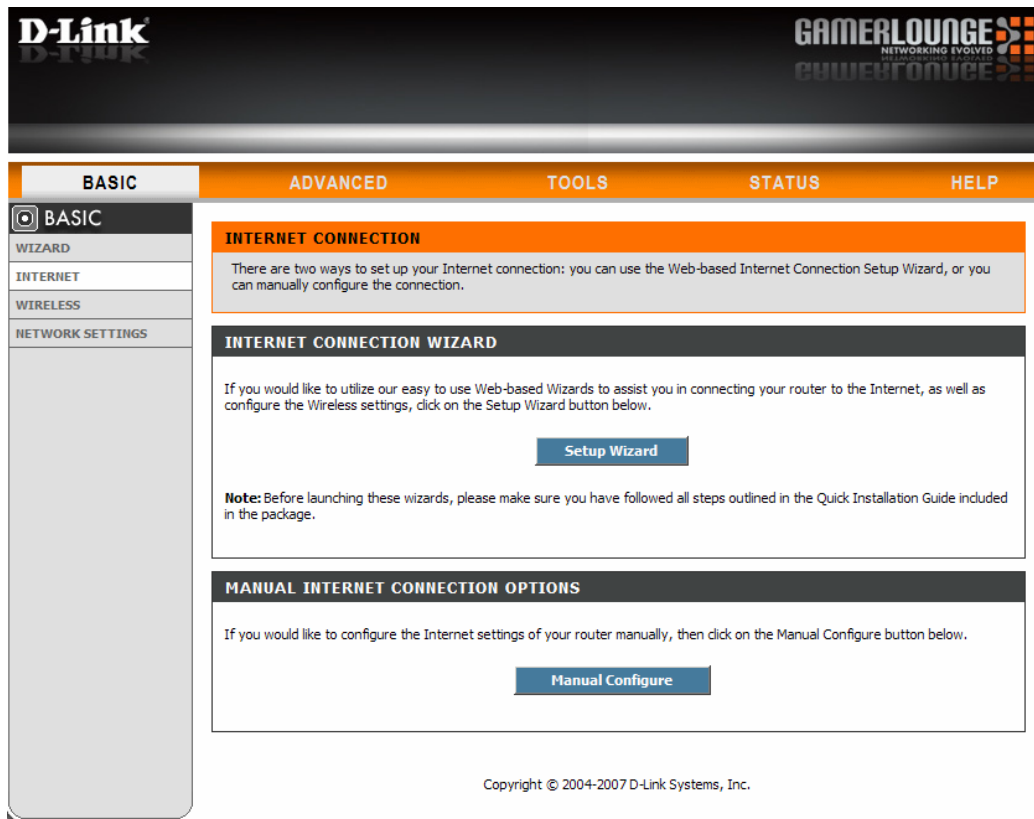
Log in to the router:

User Name : Admin
Password : ••••• Log In

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**D-Link** GAMERLOUNGE NETWORKING EVOLVED

| BASIC | ADVANCED | TOOLS | STATUS | HELP |

**BASIC**

WIZARD
INTERNET
WIRELESS
NETWORK SETTINGS

**INTERNET CONNECTION**

There are two ways to set up your Internet connection: you can use the Web-based Internet Connection Setup Wizard, or you can manually configure the connection.

**INTERNET CONNECTION WIZARD**

If you would like to utilize our easy to use Web-based Wizards to assist you in connecting your router to the Internet, as well as configure the Wireless settings, click on the Setup Wizard button below.

Setup Wizard

**Note:** Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

**MANUAL INTERNET CONNECTION OPTIONS**

If you would like to configure the Internet settings of your router manually, then click on the Manual Configure button below.

Manual Configure

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**◎ BASIC**

WIZARD

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WIRELESS

NETWORK SETTINGS

**WIZARD**

The D-Link Gaming Router powered by GameFuel™ technology meets the needs of individuals who demand powerful and reliable performance for the ultimate online gaming experience.

**INTERNET CONNECTION SETUP WIZARD**

The following Web-based Setup Wizard is designed to assist you in connecting your router to the Internet. This Setup Wizard will guide you through step-by-step instructions on how to get your Internet connection up and running. Click the button below to begin.

<div align="center">

Launch Internet Connection Setup Wizard

</div>

**Note:** Before launching these wizards, please make sure you have followed all steps outlined in the Quick Installation Guide included in the package.

**WIRELESS SECURITY SETUP WIZARD**

The following Web-based Setup Wizard is designed to assist you in your wireless network setup. This Setup Wizard will guide you through step-by-step instructions on how to set up your wireless network and how to make it secure.

<div align="center">

Launch Wireless Security Setup Wizard

</div>

**Note:** Some changes made using this Setup Wizard may require you to change some settings on your wireless client adapters so they can still connect to the router.

**ADD WIRELESS DEVICE WITH WPS (WI-FI PROTECTED SETUP) WIZARD**

This wizard is designed to assist you in connecting your wireless device to your router. It will guide you through step-by-step instructions on how to get your wireless device connected. Click the button below to begin.

<div align="center">

Add Wireless Device with WPS

</div>

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---

**WELCOME TO THE INTERNET CONNECTION SETUP WIZARD**

This wizard will guide you through a step-by-step process to configure your router and connect to the Internet.

- Step 1: Set your Password
- Step 2: Select your Time Zone
- Step 3: Configure your Internet Connection
- Step 4: Save Settings and Connect

<div align="center">

Prev   Next   Cancel   Connect

</div>

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## STEP 1: SET YOUR PASSWORD

By default, your router does not have a password configured for administrator access to the Web-based configuration pages. To secure your new networking device, please set and verify a password below:

Password : `•••••`

Verify Password : `•••••`

[ Prev ]  [ Next ]  [ Cancel ]  [ Connect ]

**D-Link**

## STEP 2: SELECT YOUR TIME ZONE

Select the appropriate time zone for your location. This information is required to configure the time-based options for the router.

Time Zone : (GMT+10:00) Canberra, Melbourne, Sydney ▼

[ Prev ]  [ Next ]  [ Cancel ]  [ Connect ]

## STEP 3: CONFIGURE YOUR INTERNET CONNECTION

Your Internet Connection could not be detected, please select your Internet Service Provider (ISP) from the list below. If your ISP is not listed; select the "Not Listed or Don't Know" option to manually configure your connection.

Not Listed or Don't Know ▼

If your Internet Service Provider was not listed or you don't know who it is, please select the Internet connection type below:

○ **DHCP Connection (Dynamic IP Address)**
Choose this if your Internet connection automatically provides you with an IP Address. Most Cable Modems use this type of connection.

⦿ **Username / Password Connection (PPPoE)**
Choose this option if your Internet connection requires a username and password to get online. Most DSL modems use this type of connection.

○ **Username / Password Connection (PPTP)**
PPTP client.

○ **Username / Password Connection (L2TP)**
L2TP client.

○ **Static IP Address Connection**
Choose this option if your Internet Setup Provider provided you with IP Address information that has to be manually configured.

○ **BigPond**
BigPond Cable (Australia)

[ Prev ]  [ Next ]  [ Cancel ]  [ Connect ]

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GAMERLOUNGE  
NETWORKING EVOLVED

## SET USERNAME AND PASSWORD CONNECTION (PPPOE)

To set up this connection you will need to have a Username and Password from your Internet Service Provider. If you do not have this information, please contact your ISP.

Address Mode : ⦿ Dynamic IP ○ Static IP

IP Address : [0.0.0.0]

User Name : [test@isp.net]

Password : [•••••••]

Verify Password : [•••••••]

Service Name : [        ] (optional)

Note: You may also need to provide a Service Name. If you do not have or know this information, please contact your ISP.

[Prev] [Next] [Cancel] [Connect]

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## SETUP COMPLETE!

The Internet Connection Setup Wizard has completed. Click the Connect button to save your settings and reboot the router.

[Prev] [Next] [Cancel] [Connect]

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## REBOOT NEEDED

Your changes have been saved. The router must be rebooted for the changes to take effect. You can reboot now, or you can continue to make other changes and reboot later.

[Reboot Now] [Reboot Later]

# D-Link

## REBOOTING

Please wait 11 seconds.

If you changed the IP address of the router you will need to change the IP address in your browser before accessing the configuration Web site again.

---

# D-Link

## STEP 1: WELCOME TO THE D-LINK WIRELESS SECURITY SETUP WIZARD

**Give your network a name, using up to 32 characters.**

**Network Name (SSID) :** dlink

○ Automatically assign a network key (Recommended)

To prevent outsiders from accessing your network, the router will automatically assign a security (also called WEP or WPA key) to your network.

● Manually assign a network key

Use this options if you prefer to create our own key.

☐ Use WPA encryption instead of WEP(WPA is stronger than WEP and all D-Link wireless client adapters support WPA)

**Note: All D-Link wireless adapters currently support WPA.**

[ Next ] [ Cancel ] [ Prev ] [ Save ]

---

# D-Link

## SETUP COMPLETE!

**Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.**

**Wireless Network Name (SSID) :** dlink

**Security Mode :** Auto (WPA or WPA2) - Personal

**Cipher Type :** TKIP and AES

**Pre-Shared Key :** mynetwork

[ Next ] [ Cancel ] [ Prev ] [ Save ]

**D-Link**

## STEP 2: SET YOUR WIRELESS SECURITY PASSWORD

You have selected your security level - you will need to set a wireless security password.

The WPA (Wi-Fi Protected Access) key must meet one of following guildelines:

- Between 8 and 64 characters (A longer WPA key is more secure than a short one)

- Exactly 64 characters using 0-9 and A-F

**Wireless Security Password :** `mynetwork`

Note: You will need to enter the same password as keys in this step into your wireless clients in order to enable proper wireless communication.

[Next] [Cancel] [Prev] [Save]

---

**D-Link**

## SETUP COMPLETE!

Below is a detailed summary of your wireless security settings. Please print this page out, or write the information on a piece of paper, so you can configure the correct settings on your wireless client adapters.

**Wireless Network Name (SSID) :** dlink
**Security Mode :** Auto (WPA or WPA2) - Personal
**Cipher Type :** TKIP and AES
**Pre-Shared Key :** mynetwork

[Next] [Cancel] [Prev] [Save]

---

**D-Link**

## STEP 1: SELECT CONFIGURATION METHOD FOR YOUR WIRELESS NETWORK

Please select one of following configuration methods and click next to continue.

**Auto** ⦿ Select this option if your wireless device supports WPS (Wi-Fi Protected Setup)
**Manual** ○ Select this option will display the current wireless settings for you to configure the wireless device manually

[Prev] [Next] [Cancel] [Connect]

## STEP 2: CONNECT YOUR WIRELESS DEVICE

There are two ways to add wireless device to your wireless network:
-PIN (Personal Identification Number)
-PBC (Push Button Configuration)

◉  PIN: 89766743

please enter the PIN from your wireless device and click the below 'Connect' Button

○  PBC

please press the push button on your wireless device and click the below 'Connect' Button within 120 seconds

[Prev]  [Next]  [Cancel]  [Connect]

## STEP 2: CONNECT YOUR WIRELESS DEVICE

Please start WPS on the wireless device you are adding to your wireless network winth 115 seconds ...
Adding wireless device: Started.

[Prev]  [Next]  [Cancel]  [Wireless Status]

## STEP 2: CONNECT YOUR WIRELESS DEVICE

Adding wireless device: Session Time-Out.

[Prev]  [Next]  [Cancel]  [Wireless Status]

**D-Link**

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NETWORKING EVOLVED

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## BASIC

- WIZARD
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### WAN

**Internet Connection**

Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.

**Note :** If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

[ Save Settings ]  [ Don't Save Settings ]

### INTERNET CONNECTION TYPE

Choose the mode to be used by the router to connect to the Internet.

My Internet Connection is : [ PPPoE (Username / Password) ▾ ]

### PPPOE INTERNET CONNECTION TYPE :

Enter the information provided by your Internet Service Provider (ISP).

Address Mode : ⦿ Dynamic IP   ○ Static IP

IP Address : [ 0.0.0.0 ]

Username : [ test@isp.net ]

Password : [ •••••••• ]

Verify Password : [ •••••••• ]

Service Name : [                    ] (optional)

Reconnect Mode : ⦿ Always on   ○ On demand   ○ Manual

Maximum Idle Time : [ 5 ] (minutes, 0=infinite)

Primary DNS Server : [ 0.0.0.0 ]

Secondary DNS Server : [ 0.0.0.0 ]

MTU : [ 1492 ] (bytes) MTU default = 1492

MAC Address : [ 00:00:00:00:00:00 ]

[ Clone Your PC's MAC Address ]

**BASIC**

WIZARD

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**WAN**

**Internet Connection**

Use this section to configure your Internet Connection type. There are several connection types to choose from: Static IP, DHCP, PPPoE, PPTP, L2TP, and BigPond. If you are unsure of your connection method, please contact your Internet Service Provider.

**Note :** If using the PPPoE option, you will need to remove or disable any PPPoE client software on your computers.

[ Save Settings ]    [ Don't Save Settings ]

**INTERNET CONNECTION TYPE**

**Choose the mode to be used by the router to connect to the Internet.**

My Internet Connection is :   PPPoE (Username / Password) ▾

Static IP
Dynamic IP (DHCP)
PPPoE (Username / Password)
PPTP (Username / Password)
L2TP (Username / Password)
BigPond (Australia)

**PPPOE INTERNET CONNECTI**

Enter the information provided by ~~~~~~~ r (ISP).

Address Mode :   ⦿ Dynamic IP   ○ Static IP

IP Address :   [ 0.0.0.0 ]

Username :   [ test@isp.net ]

Password :   [ •••••••• ]

Verify Password :   [ •••••••• ]

Service Name :   [                    ] (optional)

Reconnect Mode :   ⦿ Always on   ○ On demand   ○ Manual

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**◙ BASIC**

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**WIRELESS**

**Wireless Network Settings**

Use this section to configure the wireless settings for your router. Please note that changes made on this section may also need to be duplicated on your Wireless Client.

[ Save Settings ]  [ Don't Save Settings ]

**WIRELESS NETWORK SETTINGS**

Enable Wireless : ☑ [Always ▼] [ Add New ]

Wireless Network Name : [dlink] (Also called the SSID)

802.11 Band : ⦿ 2.4GHz ○ 5GHz

802.11 Mode : [Mixed 802.11n, 802.11g and 802.11b ▼]

Enable Auto Channel Scan : ☑

Wireless Channel : [2.437 GHz - CH 6 ▼]

Transmission Rate : [Best (automatic) ▼] (Mbit/s)

Channel Width : [20 MHz ▼]

Visibility Status : ⦿ Visible ○ Invisible

**WIRELESS SECURITY MODE**

To protect your privacy you can configure wireless security features. This device supports two wireless security modes including: WPA-Personal, and WPA-Enterprise. WPA provides a higher level of security. WPA-Personal does not require an authentication server. The WPA-Enterprise option requires an external RADIUS server.

Security Mode : [WPA-Personal ▼]

**WPA**

WPA requires stations to use high grade encryption and authentication. For legacy compatibility, use **WPA or WPA2** mode. This mode uses WPA for legacy clients while maintaining higher security with stations that are WPA2 capable. The strongest cipher that the client supports will be used. For best security, use **WPA2 Only** mode. In this mode, legacy stations are not allowed access with WPA security. The AES cipher will be used across the wireless network to ensure best security.

WPA Mode : [Auto (WPA or WPA2) ▼]

Cipher Type : [TKIP and AES ▼]

Group Key Update Interval : [3600] (seconds)

**PRE-SHARED KEY**

Pre-Shared Key : [•••••••••]

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### ⊙ BASIC

- WIZARD
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**NETWORK SETTINGS**

Use this section to configure the internal network settings of your router and also to configure the built-in DHCP Server to assign IP addresses to the computers on your network. The IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.

[ Save Settings ]   [ Don't Save Settings ]

**ROUTER SETTINGS**

Use this section to configure the internal network settings of your router. The IP Address that is configured here is the IP Address that you use to access the Web-based management interface. If you change the IP Address here, you may need to adjust your PC's network settings to access the network again.

Router IP Address : [ 192.168.0.1 ]
Subnet Mask : [ 255.255.255.0 ]
Local Domain Name : [          ] (optional)
Enable DNS Relay : ☑

**DHCP SERVER SETTINGS**

Use this section to configure the built-in DHCP Server to assign IP addresses to the computers on your network.

Enable DHCP Server : ☑
DHCP IP Address Range : [ 192.168.0.100 ] to [ 192.168.0.199 ]
DHCP Lease Time : [ 1440 ] (minutes)
Always broadcast : ☑ (compatibility for some DHCP Clients)
NetBIOS announcement: ☐
Learn NetBIOS from WAN: ☐
NetBIOS Scope: [          ] (optional)
NetBIOS node type : ○ Broadcast only (use when no WINS servers configured)
                    ○ Point-to-Point (no broadcast)
                    ⦿ Mixed-mode (Broadcast then Point-to-Point)
                    ○ Hybrid (Point-to-Point then Broadcast)
Primary WINS IP Address: [ 0.0.0.0 ]
Secondary WINS IP Address: [ 0.0.0.0 ]

**ADD DHCP RESERVATION**

Enable : ☐
Computer Name : [          ] << [ Computer Name ▼ ]
IP Address : [          ]
MAC Address : [          ]

[ Copy Your PC's MAC Address ]

[ Save ]   [ Clear ]

**DHCP RESERVATIONS LIST**

| Enable | Computer Name | MAC Address | IP Address |

**NUMBER OF DYNAMIC DHCP CLIENTS:1**

| Hardware Address | Assigned IP | Hostname | Expires | | |
|---|---|---|---|---|---|
| 00:1d:09:3c:01:22 | 192.168.0.199 | None | 23 Hours 7 Minutes | Revoke | Reserve |

## ADVANCED

VIRTUAL SERVER
SPECIAL APPLICATIONS
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GAMEFUEL
ROUTING
ACCESS CONTROL
WEB FILTER
MAC ADDRESS FILTER
FIREWALL
INBOUND FILTER
ADVANCED WIRELESS
WISH
WI-FI PROTECTED SETUP
ADVANCED NETWORK

### VIRTUAL SERVER

The Virtual Server option allows you to define a single public port on your router for redirection to an internal LAN IP Address and Private LAN port if required. This feature is useful for hosting online services such as FTP or Web Servers.

[ Save Settings ]    [ Don't Save Settings ]

### ADD VIRTUAL SERVER RULE

Enable : ☐

Name : [_____] [Application Name ▼]

IP Address : [_____] [Computer Name... ▼]

Protocol : [6] [TCP ▼]

Public port : [____]

Private port : [____]

Schedule : [Always ▼]

Inbound Filter : [Allow All ▼]

[ Add ]   [ Clear ]

### VIRTUAL SERVER LIST

| Name | IP Address | Protocol / Ports | Schedule | Inbound Filter | Edit | Delete |
|------|-----------|------------------|----------|----------------|------|--------|

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## ADVANCED

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### APPLICATION RULES

This option is used to open single or multiple ports on your router when the router senses data sent to the Internet on a "trigger" port or port range. Special Applications rules apply to all computers on your internal network.

[ Save Settings ]    [ Don't Save Settings ]

### ADD APPLICATION RULE

Enable : ☐

Name : [_____] [Application Name ▼]

Trigger ports : [TCP ▼] [_____]

Firewall ports : [TCP ▼] [_____]

Schedule : [Always ▼]

[ Add ]   [ Clear ]

### APPLICATION RULES

| Enable | Rule Name | Trigger Ports | Firewall Ports | Schedule | Edit | Delete |
|--------|-----------|---------------|----------------|----------|------|--------|

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## ⊕ ADVANCED

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ADVANCED NETWORK

### GAMING

This option is used to open multiple ports or a range of ports in your router and redirect data through those ports to a single PC on your network. This feature allows you to enter ports in various formats including, Port Ranges (100-150), Individual Ports (80, 68, 888), or Mixed (1020-5000, 689).

**Save Settings**    **Don't Save Settings**

### ADD GAMING RULE

Enabled : ☐

Name : [_____]    << [Application Name ▼]

IP Address : [_____]    << [Computer Name ▼]

TCP Ports : [_____]

UDP Ports : [_____]

Schedule : [Always ▼]

Inbound Filter : [Allow All ▼]

**Add**    **Clear**

### GAMING RULES

| Enabled | Name | IP Address | TCP Ports | UDP Ports | Schedule | Inbound Filter | Edit | Delete |
|---------|------|------------|-----------|-----------|----------|----------------|------|--------|

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## D-Link

GAMERLOUNGE

## ⊕ ADVANCED

### GAMEFUEL

**Save Settings**    **Don't Save Settings**

### GAMEFUEL SETUP

Enable GameFuel : ☑

Automatic Classification : ☑

Dynamic Fragmentation : ☑

Automatic Uplink Speed : ☑

Measured Uplink Speed : Not Estimated

Manual Uplink Speed : [128] kbps << [128 kbps ▼]

Connection Type : [Auto-detect ▼]

Detected xDSL or Other Frame Relay Network : No

### ADD GAMEFUEL RULE

Enable : ☐

Name : [_____]

Priority : [_____] (1..255, 255 is the lowest priority)

Protocol : [6] << [TCP ▼]

Local IP Range : [_____] to [_____]

Local Port Range : [_____] to [_____]

Remote IP Range : [_____] to [_____]

Remote Port Range : [_____] to [_____]

**Add**    **Clear**

### GAMEFUEL RULES LIST

| Name | Priority | Local IP Range | Remote IP Range | Protocol / Ports |
|------|----------|----------------|-----------------|------------------|

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### ROUTING

#### ADD ROUTE

Enable : ☐

Name : [ ]

Destination IP : [ ]

Netmask : [ ]

Gateway : [ ]

Metric : [ ]

Interface : [WAN ▾]

[Save]  [Clear]

#### ROUTES LIST

| Name | Destination IP | Netmask | Gateway | Metric | Interface |

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### ACCESS CONTROL

The Access Control option allows you to control access in and out of your network. Use this feature as Access Controls to only grant access to approved sites, limit web access based on time or dates, and/or block internet access for applications like P2P utilities or games.

[Save Settings]  [Don't Save Settings]

#### ACCESS CONTROL

Enable Access Control : ☑

[Add Policy]

#### POLICY TABLE

| Enable | Policy | Machine | Filtering | Logged | Schedule |

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**WEBSITE FILTER**

The Web Filter option allows you to set up a list of Web sites you would like to allow or deny through your network. To us this feature, you must also select the "Apply Web Filter" checkbox in the Access Control Section.

[ Save Settings ]   [ Don't Save Settings ]

**ADD WEB FILTERING RULE**

○ ALLOW    ● DENY

**WEBSITE FILTERING LIST**

Website URL/Domain : [            ]  [ Add ]

URL                                    Delete

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ADVANCED NETWORK

**MAC ADDRESS FILTER**

The MAC (Media Access Controller) Address filter option is used to control network access based on the MAC Address of the network adapter. A MAC address is a unique ID assigned by the manufacturer of the network adapter. This feature can be configured to ALLOW or DENY network/Internet access.

[ Save Settings ]   [ Don't Save Settings ]

**MAC FILTERING SETUP**

Configure MAC Filtering below:
[ Turn MAC Filtering OFF          ▼ ]

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## ADVANCED

VIRTUAL SERVER

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MAC ADDRESS FILTER

FIREWALL

INBOUND FILTER

ADVANCED WIRELESS

WISH

WI-FI PROTECTED SETUP

ADVANCED NETWORK

**FIREWALL SETTINGS**

The Firewall Settings allow you to set a single computer on your network outside of the router.

| Save Settings | Don't Save Settings |
| --- | --- |

### FIREWALL SETTINGS

Enable SPI : ☑

### NAT ENDPOINT FILTERING

UDP Endpoint Filtering :
- ○ Endpoint Independent
- ◉ Address Restricted
- ○ Port And Address Restricted

TCP Endpoint Filtering :
- ○ Endpoint Independent
- ○ Address Restricted
- ◉ Port And Address Restricted

### ANTI-SPOOF CHECKING

Enable anti-spoof checking: ☐

### DMZ HOST

The DMZ (Demilitarized Zone) option lets you set a single computer on your network outside of the router. If you have a computer that cannot run Internet applications successfully from behind the router, then you can place the computer into the DMZ for unrestricted Internet access.

**Note:** Putting a computer in the DMZ may expose that computer to a variety of security risks. Use of this option is only recommended as a last resort.

Enable DMZ : ☐

DMZ IP Address : [0.0.0.0]   [<<] [Computer Name ▼]

### APPLICATION LEVEL GATEWAY (ALG) CONFIGURATION

PPTP : ☑

IPSec (VPN) : ☑

RTSP : ☑

SIP : ☑

# D-Link
**GAMERLOUNGE**
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- ACCESS CONTROL
- WEB FILTER
- MAC ADDRESS FILTER
- FIREWALL
- INBOUND FILTER
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### INBOUND FILTER

**Inbound Filter Rules**

The Inbound Filter option is an advanced method of controlling data received from the Internet. With this feature you can configure inbound data filtering rules that control data based on an IP address range.

Inbound Filters can be used for limiting access to a server on your network to a system or group of systems. Filter rules can be used with Virtual Server, Gaming, or Remote Administration features.

### ADD INBOUND FILTER RULE

**Name :** [            ]

**Action :** [Deny ▼]

**Source IP Range :**

| Enable | Source IP Start | Source IP End |
|--------|-----------------|---------------|
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |
| ☐ | 0.0.0.0 | 255.255.255.255 |

[Add]  [Clear]

### INBOUND FILTER RULES LIST

| Name | Action | Source IP Range |
|------|--------|-----------------|

---

# D-Link
**GAMERLOUNGE**
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## ADVANCED

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### ADVANCED WIRELESS

If you are not familiar with these Advanced Wireless settings, please read the help section before attempting to modify these settings.

[Save Settings]  [Don't Save Settings]

### ADVANCED WIRELESS SETTINGS

**Transmit Power :** [High ▼]

**Beacon Period :** [100] (20..1000)

**RTS Threshold :** [2346] (0..2347)

**Fragmentation Threshold :** [2346] (256..2346)

**DTIM Interval :** [1] (1..255)

**802.11d Enable :** ☐

**WLAN Partition :** ☐

**WMM Enable :** ☑

**Short GI :** ☑

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**WISH**

WISH (Wireless Intelligent Stream Handling) prioritizes the traffic of various wireless applications.

[ Save Settings ]   [ Don't Save Settings ]

**WISH**

Enable WISH : ☑

**PRIORITY CLASSIFIERS**

HTTP : ☑
Windows Media Center : ☑
Automatic : ☐ (default if not matched by anything else)

**ADD WISH RULE**

Enable : ☐
Name : _____
Priority : [ Best Effort (BE) ▼ ]
Protocol : [ 6 ] [ TCP ▼ ]
Host 1 IP Range : _____ - _____
Host 1 Port Range : _____ - _____
Host 2 IP Range : _____ - _____
Host 2 Port Range : _____ - _____

[ Add ]   [ Clear ]

**WISH RULES**

| Name | Priority | Host 1 IP Range | Host 2 IP Range | Protocol / Ports |
|------|----------|-----------------|-----------------|------------------|

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**WI-FI PROTECTED SETUP**

Wi-Fi Protected Setup is used to easily add devices to a network using a PIN or button press. Devices must support Wi-Fi Protected Setup in order to be configured by this method.

[ Save Settings ]   [ Don't Save Settings ]

**WI-FI PROTECTED SETUP**

Enable : ☑
Lock Wireless Security Settings : ☐

[ Reset to Unconfigured ]

**PIN SETTINGS (ADMINISTRATOR ACCESS ONLY)**

Current PIN : 89766743

[ Reset PIN to Default ]   [ Generate New PIN ]

**ADD WIRELESS STATION (ADMINISTRATOR ACCESS ONLY)**

[ Add Wireless Device Wizard ]

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### ADVANCED NETWORK

If you are not familiar with these Advanced Network settings, please read the help section before attempting to modify these settings.

[ Save Settings ]   [ Don't Save Settings ]

### UPNP

Universal Plug and Play (UPnP) supports peer-to-peer Plug and Play functionality for network devices.

Enable UPnP : ☑

Allow Users to disable Internet Access : ☑

Allow Users to modify Virtual Server Mappings : ☑

### WAN PING

If you enable this feature, the WAN port of your router will respond to ping requests from the Internet that are sent to the WAN IP Address.

Enable WAN Ping Respond : ☐

WAN Ping Inbound Filter : [ Allow All ▾ ]

Details : [ Allow All ]

### WAN PORT SPEED

WAN Port Speed : [ Auto 10/100/1000Mbps ▾ ]

### MULTICAST STREAMS

Enable Multicast Streams : ☐

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🔧 **TOOLS**

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**ADMINISTRATOR SETTINGS**

The 'admin' and 'user' accounts can access the management interface. The admin has read/write access and can change passwords, while the user has read-only access.

By default there is no password configured. It is highly recommended that you create a password to keep your router secure.

[ Save Settings ]   [ Don't Save Settings ]

**ADMIN PASSWORD**

**Please enter the same password into both boxes, for confirmation.**

Password : •••••

Verify Password : •••••

**USER PASSWORD**

**Please enter the same password into both boxes, for confirmation.**

Password : [　　　　　]

Verify Password : [　　　　　]

**SYSTEM NAME**

Gateway Name : [D-Link Systems DGL-450]

**ADMINISTRATION**

Enable HTTPS Server : ☐

Enable Remote Management : ☐

Remote Admin Port : [8080]

Remote Admin Inbound Filter : [Allow All ▾]

Details : [Allow All]

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### TIME

**Time Configuration**

The Time Configuration option allows you to configure, update, and maintain the correct time on the internal system clock. From this section you can set the time zone that you are in and set the NTP (Network Time Protocol) Server. Daylight Saving can also be configured to automatically adjust the time when needed.

**Save Settings**    **Don't Save Settings**

### TIME CONFIGURATION

**Current Router Time :** Tuesday, 3 February 2004 7:19:40 AM

**Time Zone :** (GMT+10:00) Canberra, Melbourne, Sydney

**Enable Daylight Saving :** ☐

**Daylight Saving Offset :** +1:00

**Daylight Saving Dates :**

| | Month | Week | Day of Week | Time |
|---|---|---|---|---|
| DST Start | Apr | 1st | Sun | 2 am |
| DST End | Oct | 5th | Sun | 2 am |

### AUTOMATIC TIME CONFIGURATION

**Enable NTP Server :** ☐

**NTP Server Used :** [        ] << Select NTP Server

### SET THE DATE AND TIME MANUALLY

**Date And Time :**

| Year | 2004 | Month | Feb | Day | 03 |
|---|---|---|---|---|---|
| Hour | 07 | Minute | 19 | Second | 23 | AM |

**Copy Your Computer's Time Settings**

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### SYSLOG

The SysLog options allow you to send log information to a SysLog Server.

**Save Settings**    **Don't Save Settings**

### SYSLOG SETTINGS

**Enable Logging To Syslog Server :** ☐

**Syslog Server IP Address :** 0.0.0.0 << Computer Name

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### EMAIL SETTINGS

**Email Settings**

The Email feature can be used to send the system log files, router alert messages, and firmware update notification to your email address.

[ Save Settings ]  [ Don't Save Settings ]

### ENABLE

Enable Email Notification : ☐

### EMAIL SETTINGS

From Email Address : [_____]
To Email Address : [_____]
SMTP Server Address : [_____]
Enable Authentication : ☐
Account Name : [_____]
Password : [_____]
Verify Password : [_____]

### EMAIL LOG WHEN FULL OR ON SCHEDULE

On Log Full : ☐
On Schedule : ☐
Schedule : [ Never ▼ ]
Details : [ Never ]

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### SYSTEM SETTINGS

The System Settings section allows you to reboot the device, or restore the router to the factory default settings. Restoring the unit to the factory default settings will erase all settings, including any rules that you have created.

The current system settings can be saved as a file onto the local hard drive. The saved file or any other saved setting file created by device can be uploaded into the unit.

### SYSTEM SETTINGS

Save To Local Hard Drive : [ Save Configuration ]

Load From Local Hard Drive : [_____] [ Browse... ]
[ Restore Configuration from File ]

Restore To Factory Default : [ Restore Factory Defaults ]
Restore all settings to the factory defaults.

Reboot The Device : [ Reboot the Device ]

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### FIRMWARE

Use the Firmware section to install the latest firmware code to improve functionality and performance.

If you would like to be notified when new firmware is released, place a checkmark in the box next to Email Notification of Newer Firmware Version.

[ Save Settings ]   [ Don't Save Settings ]

### FIRMWARE INFORMATION

**Current Firmware Version :** 1.02WW

**Current Firmware Date :** 2007/12/3

**Latest Firmware Version :** 1.02WW

**Check Online Now for Latest Firmware Version :** [ Check Now ]

### FIRMWARE UPGRADE

**Note: Some firmware upgrades reset the configuration options to the factory defaults. Before performing an upgrade, be sure to save the current configuration from the Tools -> System screen.**

**To upgrade the firmware, your PC must have a wired connection to the router. Enter the name of the firmware upgrade file, and click on the Upload button.**

Upload : [              ] [ Browse... ]

[ Upload ]

### FIRMWARE UPGRADE NOTIFICATION OPTIONS

**Automatically Check Online for Latest Firmware Version :** ☑

**Email Notification of Newer Firmware Version :** ☐

---

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### DYNAMIC DNS

**Dynamic DNS (DDNS)**

The DDNS feature allows you to host a server (Web, FTP, Game Server, etc...) using a domain name that you have purchased (www.whateveryournameis.com) with your dynamically assigned IP address. Most broadband Internet Service Providers assign dynamic (changing) IP addresses. Using a DDNS service provider, your friends can enter your host name to connect to your game server no matter what your IP address is.

Sign up for D-Link's Free DDNS service at www.DLinkDDNS.com

[ Save Settings ]   [ Don't Save Settings ]

### DYNAMIC DNS

**Enable Dynamic DNS :** ☐

**Server Address :** [undefined] << [ Select Dynamic DNS Server ▼ ]

**Host Name :** [                    ] (e.g.: me.mydomain.net)

**Username or Key :** [              ]

**Password or Key :** [              ]

**Verify Password or Key :** [              ]

**Timeout :** [576] (hours)

**Status:** Disconnect

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### PING TEST

Ping Test sends "ping" packets to test a computer on the Internet.

### PING TEST

Host Name or IP Address :　[　　　　　　　]　[Ping] [Stop]

### PING RESULT

Enter a host name or IP address above and click 'Ping'

---

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### SCHEDULES

The Schedule configuration option is used to manage schedule rules for various firewall and parental control features.

### ADD SCHEDULE RULE

Name : [　　　　　]

Day(s) : ○ All Week　◉ Select Day(s)

☐ Sun　☐ Mon　☐ Tue　☐ Wed　☐ Thu　☐ Fri　☐ Sat

All Day - 24 hrs : ☐

Start Time : [12] : [0]　[AM ▼]　(hour:minute, 12 hour time)

End Time : [12] : [0]　[AM ▼]　(hour:minute, 12 hour time)

[Add]　[Clear]

### SCHEDULE RULES LIST

| Name | Day(s) | Time Frame |
| --- | --- | --- |

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## STATUS

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### DEVICE INFORMATION

All of your Internet and network connection details are displayed on this page. The firmware version is also displayed here.

### GENERAL

**Time:** Tuesday, 3 February 2004 7:25:24 AM
**Firmware Version:** 1.02WW, 2007/12/3

### WAN

**Connection Type:** PPPoE
**GameFuel:** Active
**Cable Status:** Disconnected
**Network Status:** Disconnected
**Connection Up Time:** N/A

[ Connect ] [ Disconnect ]

**MAC Address:** 00:1C:F0:FF:71:57
**Authentication & Security:** Unknown
**IP Address:** 0.0.0.0
**Subnet Mask:** 0.0.0.0
**Default Gateway:** 0.0.0.0
**Primary DNS Server:** 0.0.0.0
**Secondary DNS Server:** 0.0.0.0

### LAN

**MAC Address:** 00:1C:F0:FF:71:56
**IP Address:** 192.168.0.1
**Subnet Mask:** 255.255.255.0
**DHCP Server:** Enabled

### WIRELESS LAN

**Wireless Radio:** Enabled
**WISH:** Active
**MAC Address:** 00:1C:F0:FF:71:56
**Network Name (SSID):** dlink
**Channel:** 13
**Security Mode:** WPA/WPA2 Personal
**WI-FI Protected Setup:** Enabled/Configured

### LAN COMPUTERS

| IP Address | Name (if any) | MAC |
|------------|---------------|-----|
| 192.168.0.199 | None | 00:1d:09:3c:01:22 |

### IGMP MULTICAST MEMBERSHIPS

**Multicast Group Address**

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**STATUS**

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**WIRELESS**

**Associated Wireless Client List**

Use this option to view the wireless clients that are connected to your wireless router.

**NUMBER OF WIRELESS CLIENTS : 0**

| MAC Address | IP Address | Mode | Rate | Signal (%) |
| --- | --- | --- | --- | --- |

---

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**ROUTING**

**Routing Table**

This page displays the routing details configured for your router.

**ROUTING TABLE**

| Destination IP | Netmask | Gateway | Metric | Interface | Creator |
| --- | --- | --- | --- | --- | --- |
| 192.168.0.0 | 255.255.255.0 | 0.0.0.0 | 1 | LAN | System |

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**LOGS**

**System Logs**

Use this option to view the router logs. You can define what types of events you want to view and the event levels to view. This router also has external syslog server support so you can send the log files to a computer on your network that is running a syslog utility.

**LOG OPTIONS**

**What to View :**  ☑ Firewall & Security  ☑ System  ☑ Router Status

**View Levels :**  ☑ Critical  ☑ Warning  ☑ Informational

[ Apply Log Settings Now ]

**LOG DETAILS**

[ Refresh ]  [ Clear ]  [ Email Now ]  [ Save Log ]

[INFO] Tue Feb 03 07:26:57 2004 Log viewed by IP address 192.168.0.199
[INFO] Tue Feb 03 07:07:27 2004 Allowed configuration authentication by IP address 192.168.0.199
[INFO] Tue Feb 03 06:54:58 2004 Unset Selected Registrar
[WARN] Tue Feb 03 06:54:58 2004 WPS Internal Registrar did not receive request from any wireless station in 2 minutes and stopped.
[INFO] Tue Feb 03 06:52:58 2004 WPS Internal Registrar started PIN registration
[INFO] Tue Feb 03 06:52:58 2004 Set Selected Registrar
[INFO] Tue Feb 03 06:52:58 2004 Unset Selected Registrar
[INFO] Tue Feb 03 06:51:39 2004 Above message repeated 1 times
[INFO] Tue Feb 03 06:51:23 2004 WPS Internal Registrar started PIN registration
[INFO] Tue Feb 03 06:51:23 2004 Set Selected Registrar
[INFO] Tue Feb 03 06:51:23 2004 Unset Selected Registrar
[INFO] Tue Feb 03 06:49:24 2004 Wireless Link is up
[INFO] Tue Feb 03 06:49:14 2004 Stored configuration to non-volatile memory
[INFO] Tue Feb 03 06:49:14 2004 Wireless Link is down
[INFO] Tue Feb 03 06:44:25 2004 Allowed configuration authentication by IP address 192.168.0.199
[INFO] Tue Feb 03 06:43:34 2004 LAN interface is up
[INFO] Tue Feb 03 06:43:34 2004 LAN Ethernet Carrier Detected
[INFO] Tue Feb 03 06:43:33 2004 Starting DHCP server
[INFO] Tue Feb 03 06:43:33 2004 Device initialized
[WARN] Tue Feb 03 06:43:25 2004 gw_wireless_schedule init
[INFO] Tue Feb 03 06:43:25 2004 Wireless Link is up
[INFO] Tue Feb 03 06:43:24 2004 Unlock AP setup
[INFO] Tue Feb 03 06:43:24 2004 No Internet access policy is in effect. Unrestricted Internet access allowed to everyone
[INFO] Thu Jan 01 10:00:00 1970 Loaded configuration from non-volatile memory

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**STATUS**

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**TRAFFIC STATISTICS**

**Network Traffic Stats**

Traffic Statistics display Receive and Transmit packets passing through your router.

[ Refresh Statistics ]   [ Clear Statistics ]

**LAN STATISTICS**

| | | | |
|---|---|---|---|
| **Sent :** 6946 | | **Received :** 5093 | |
| **TX Packets Dropped :** 4 | | **RX Packets Dropped :** 0 | |
| **Collisions :** 0 | | **Errors :** 0 | |

**WAN STATISTICS**

| | | | |
|---|---|---|---|
| **Sent :** 0 | | **Received :** 0 | |
| **TX Packets Dropped :** 0 | | **RX Packets Dropped :** 0 | |
| **Collisions :** 0 | | **Errors :** 0 | |

**WIRELESS STATISTICS**

| | | | |
|---|---|---|---|
| **Sent :** 2868 | | **Received :** 0 | |
| **TX Packets Dropped :** 0 | | **RX Packets Dropped :** 0 | |
| | | **Errors :** 0 | |

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**INTERNET SESSIONS**

This page displays the full details of active internet sessions to your router.

| Local | NAT | Internet | Protocol | State | Dir | Priority | Time Out |
|-------|-----|----------|----------|-------|-----|----------|----------|

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**WISH SESSIONS**

The WISH Sessions page displays full details of active local wireless sessions through your router when WISH has been enabled. A WISH session is a conversation between a program or application on a wirelessly connected LAN-side computer and another computer, however connected.

**WISH SESSIONS**

| Originator | Target | Protocol | State | Priority | Time Out |
|---|---|---|---|---|---|

---

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