

Delay in Outbound calls when using D-Link Routers.

Search for appropriate emulator of the Router from the following Link

http://support.dlink.com/faq/view.asp?prod_id=1457

3 Basic Steps to Configure D-link Routers for Worldsmart:

1. Enable GameFuel
2. Configure a SIP GameFuel Rule
3. Disable built in SIP ALG

Step One:-

Click on Advanced tab in the router interface and select “GameFuel”

Enable GameFuel check box and check boxes for:

- Automatic Classification
- Dynamic Fragmentation
- Automatic Uplink Speed
- Select Connection type as Auto-detect

Use this section to configure D-Link's GameFuel powered by GameFuel™ Technology. This GameFuel improves your online gaming experience by ensuring that your game traffic is prioritized over other network traffic, such as FTP or Web. For best performance, use the Automatic Classification option to automatically set the priority for your applications.

GAMEFUEL SETUP

Enable GameFuel :

Automatic Classification :

Dynamic Fragmentation :

Automatic Uplink Speed :

Measured Uplink Speed : Not Estimated kbps

Manual Uplink Speed : 128 kbps << Select Transmission Rate

Connection Type : Auto-detect

Detected xDSL Or Other Frame Relay Network : No

ADD GAMEFUEL RULE

Enable :

Name :

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

Protocol : 0 << Select Protocol

Source IP Range : 0.0.0.0 to 255.255.255.255

Source Port Range : 0 to 65535

Destination IP Range : 0.0.0.0 to 255.255.255.255

Destination Port Range : 0 to 65535

Save Clear

Step Two :-

Next you'll need to configure a GameFuel Rule for SIP under (Add/Edit GameFuel™ Rule). (Suggested settings are in bold)

Click on the Enable check box and then enter the following details for the new rule:

Name: Create a name for the rule that is meaningful to you. - SIP

Priority: The priority of the message flow is entered here. 0 receives the highest priority (most urgent) and 255 receives the lowest priority. Priority = 1

Protocol: The protocol used by the messages. Protocol = TCP

Source IP Range: The rule applies to a flow of messages whose LAN-side IP address is within the range set here. Source IP Range = 0.0.0.0-255.255.255.255

Source Port Range: The rule applies to a flow of messages whose LAN-side port number is within the range set here. Source Port Range = 5060-5060

Destination IP Range: The rule applies to a flow of messages whose WAN-side IP address is within the range set here. Destination IP Range = 0.0.0.0-255.255.255.255

Destination Port: The rule applies to a flow of messages whose WAN-side port number is within the range set here. Destination Port Range = 5060-5070

Save: Saves the new rule or modified existing rule to the Rules list. When you are done editing the settings, you must click the Save Settings button at the top of the page to make the changes effective and permanent.

The router must reboot before new settings will take effect. You should be prompted to Reboot the Device or Continue. If you need to make additional settings changes, click Continue. If you are finished with your configuration settings, click the Reboot the Device button.

Step Three :-

Check the built in SIP ALG (Application Layer Gateway) under Firewall settings. Make sure it is not enabled.

The SIP ALG allows devices and applications using VoIP (Voice over IP) to communicate across NAT. Some VoIP applications and devices have the ability to discover NAT devices and work around them. This ALG may interfere with the operation of such devices (like Worldsmart). Make sure that the SIP ALG is disabled by deselecting the check box next to SIP.

