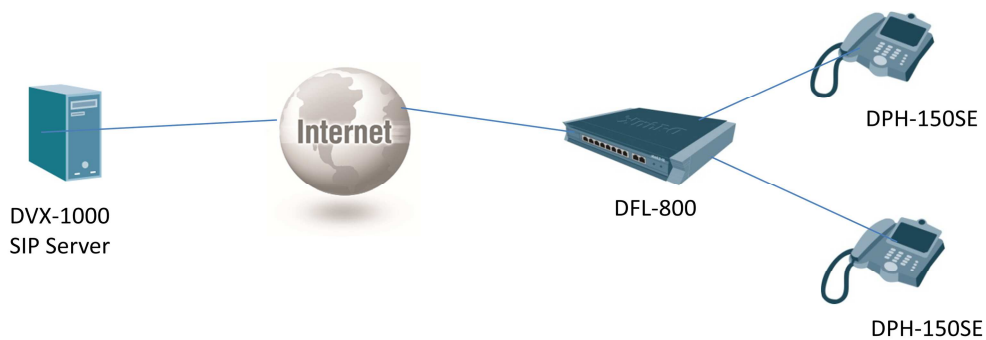


# D-Link DFL Series Firewall SIP Scenario

By Benson Wu

The following SIP scenarios are tested by D-Link Lab, the DFL series firewall is able to support below SIP scenarios with no problem. If you have got any problem within these scenario, please contact the D-Link Tech Support.

## Scenario1



DFL-800 Firmware Version: 2.27.02.12

DFL-800 Configuration: Refer the attachment

DVX-1000 Firmware Version: 3.01

DVX-1000 Configuration: Refer the attachment

DPH-150SE Firmware Version: GE-1.04

DPH-150SE Configuration:

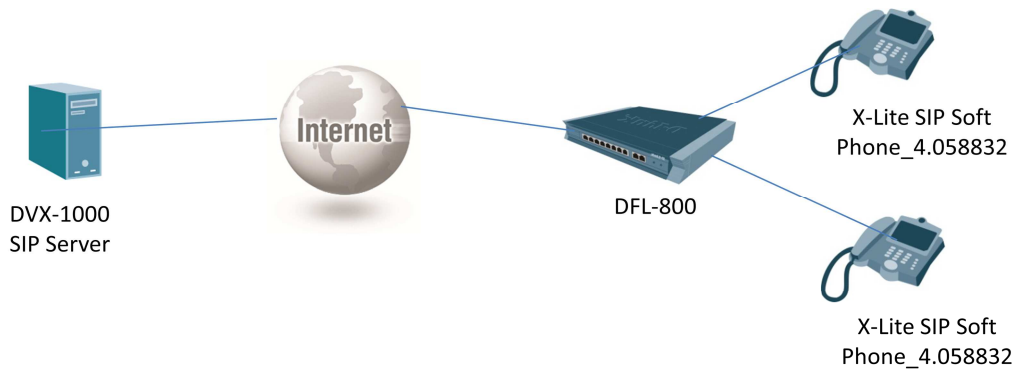
1. DHCP IP address.
2. Set up the SIP account 1111/1111 and 2222/2222

Attachment:

  
DFL-800\_SIP\_full\_  
Config-20101104-v01

  
DVX-1000 .cfg

## Topology2



DFL-800 Firmware Version: 2.27.02.12

DFL-800 Configuration: Refer the attachment

DVX-1000 Firmware Version: 3.01

DVX-1000 Configuration: Refer the attachment

DPH-150SE Firmware Version: 4.058832

DPH-150SE Configuration:

1. DHCP IP address.
2. Set up the SIP account 1111/1111 and 2222/2222

Attachment:



## Known Issue

There is a problem in these scenarios which is that sometimes the call session can not be terminated when the other side is on-hook. This problem is under examination and will be fixed in time.

Here we provide a work-around to avoid this issue, please refer the setup example below.

**DFL-860**

- System
  - Date and Time
  - DNS
  - Remote Management
  - Log and Event Receivers
  - DHCP
  - Misc. Clients
  - Hardware Monitoring
  - Whitelist
  - Advanced Settings
    - IP Settings
    - TCP Settings
    - ICMP Settings
    - State Settings
    - Conn. Timeout Settings**
    - Length Limit Settings
    - Fragmentation Settings
    - Local Reassembly Settings
    - SSL Settings
    - Misc. Settings

### Conn. Timeout Settings

Timeout settings for various protocols.

General

#### General

TCP SYN Idle Lifetime:	60	Connection idle lifetime for TCP connections being formed.
TCP Idle Lifetime:	262144	Connection idle lifetime for TCP.
TCP FIN Idle Lifetime:	80	Connection idle lifetime for TCP connections being closed.
UDP Idle Lifetime:	3600	Connection idle lifetime for UDP.
UDP Bidirectional keep-alive:	<input checked="" type="checkbox"/>	Allow both sides to keep a UDP connection alive.
Ping Idle Lifetime:	8	Connection timeout for Ping.
IGMP Idle Lifetime:	12	Connection idle lifetime for IGMP.
Other Protocols Idle Lifetime:	130	Idle lifetime for other protocols.

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