



Kerio Operator

This guide covers basic configuration between Kerio Operator 2.1.0 and the MegaPath platform.

REQUIRED INFORMATION (Provided by MegaPath)

Host: _____

Number of Trunks: _____

Pilot Number: _____

Password: _____

The Kerio Operator ships with an embedded firewall. The following screen captures are included as references.

In this example, Ethernet interface eth0 is assigned a private RFC1918 address and Ethernet interface eth3 is assigned a public IP address from a routable /29 CIDR block.

The screenshot shows the Firewall configuration page in Kerio Operator. It includes fields for Hostname (kerio) and Currently used DNS servers (4.2.2.1). Below these is a table of network interfaces.

Interface	Type	IP Address/Mask	Gateway	Description
Ethernet (eth0)	Static	192.168.1.220/255.255.255.0		Intel Corporation 82573L Gigabit Ethernet Controll...
Ethernet (eth1)	Static			Intel Corporation 82573L Gigabit Ethernet Controll...
Ethernet (eth2)	Static			Intel Corporation 82573L Gigabit Ethernet Controll...
Ethernet (eth3)	Static	67.88.219.238/255.255.255.248	67.88.219.233	Intel Corporation 82573L Gigabit Ethernet Controll...

Figure 1 Network configuration with firewall.

Edit External Interface (SIP)

General | Codecs | Advanced | Notes

Interface name:

External numbers:

i Separate external numbers with comma. Alternatively, for a group of numbers with a common prefix, enter the prefix followed by one or more "x" characters (e.g. 55501xx).

Interface is enabled

SIP Registrar or Proxy information

Hostname or IP address:

Port number:

Username:

Password:

Required to register with Registrar

User ID differs from the telephone number

User ID:

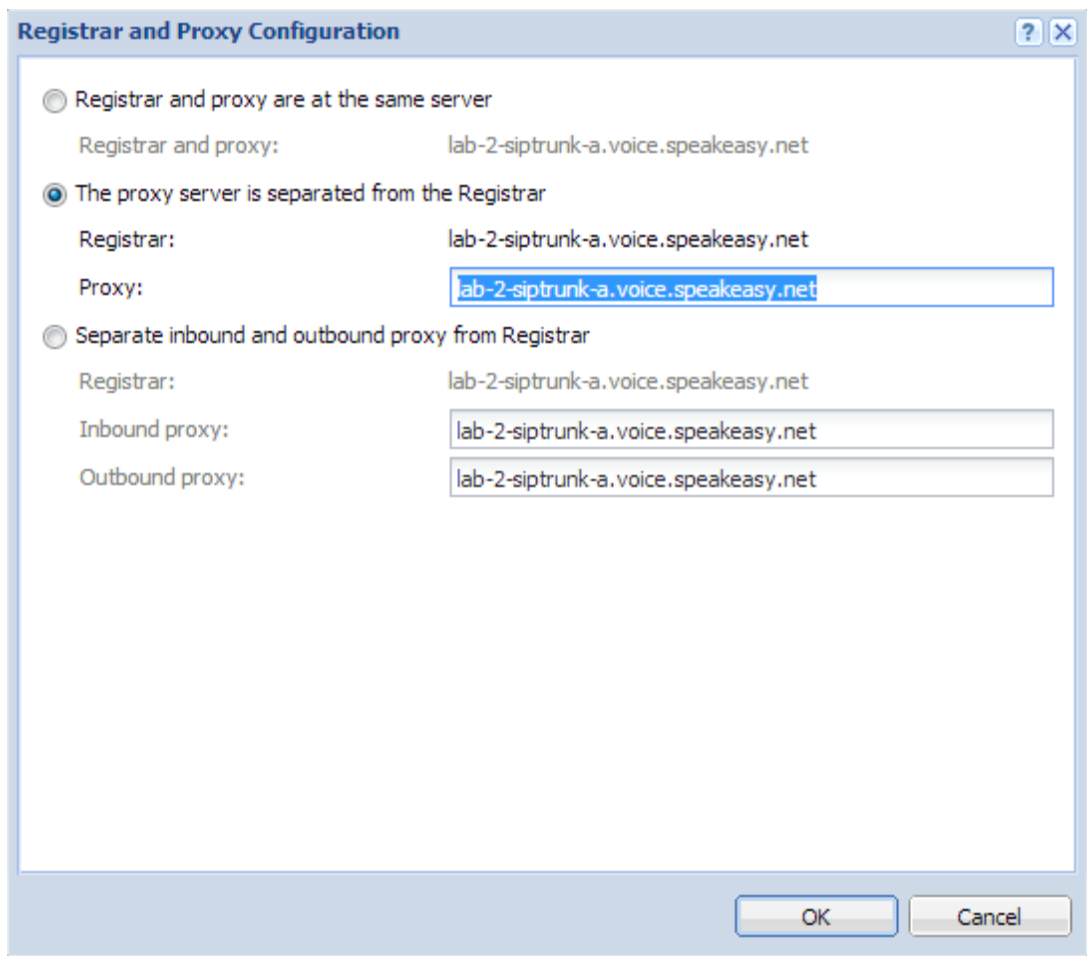
Figure 2 Call Routing. External Interface.



From the main menu, select Call Routing and add an Interface; this call-routing interface will be used for all outbound and inbound calls.

Enter the following parameters:

- Interface name: Megapath
- External numbers: **<ALL NUMBERS>**
- Interface is enabled: enable
- Hostname or IP address: **<HOST>**
- Port number: 5060
- Username: **<PILOT NUMBER>**
- Password: **<PASSWORD>**
- Required to register with Registrar: enable



The image shows a dialog box titled "Registrar and Proxy Configuration". It contains three radio button options for configuration:

- Registrar and proxy are at the same server
Registrar and proxy: lab-2-siptrunk-a.voice.speakeasy.net
- The proxy server is separated from the Registrar
Registrar: lab-2-siptrunk-a.voice.speakeasy.net
Proxy: lab-2-siptrunk-a.voice.speakeasy.net
- Separate inbound and outbound proxy from Registrar
Registrar: lab-2-siptrunk-a.voice.speakeasy.net
Inbound proxy: lab-2-siptrunk-a.voice.speakeasy.net
Outbound proxy: lab-2-siptrunk-a.voice.speakeasy.net

At the bottom of the dialog box are "OK" and "Cancel" buttons.

Figure 3 Registrar and Proxy Configuration.

Select the "Configure..." button in the "SIP Registrar or Proxy Information" input field and enter the following parameters:

- The proxy server is separated from the Registrar

- Registrar: (should show fqdn of R17 SIP trunk SBC interface)
- Proxy: **<HOST>**

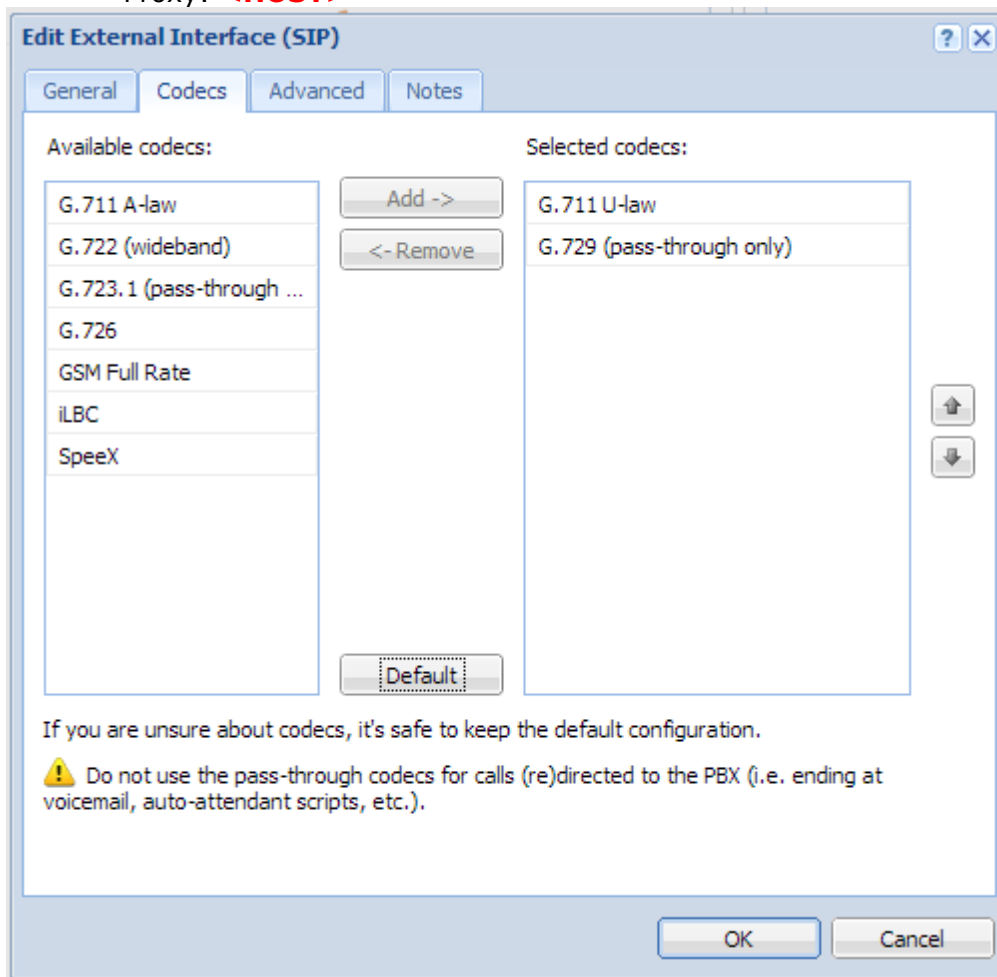


Figure 4 Codecs

Under "Edit External Interface" select the Codecs tab and move the following codecs into the "Selected codecs:" column, observing the following order:

- G.711 U-law
- G.729 (pass-through only)

Dial Plan Search:

Extension	Description	Type
1000	John Doe	Extension
1001	Jane Doe	Extension
5000	Voicemail	Voicemail
71000	Direct dialing to voicemail of extension 1000	Voicemail
71001	Direct dialing to voicemail of extension 1001	Voicemail
7...	Direct dialing to voicemail	Voicemail
...	Used interface: Megapath	Outgoing Route

Figure 5 Outbound dial plan.

From the main menu, select "Dial Plan" and check to ensure that the MegaPath interface is being used as the Outgoing Route.

Edit Incoming Call ? X

Route incoming calls:

External Number	Extension	Edit...
4156927300	1000 John Doe	
4156927302	1001 Jane Doe	

Calling number prefix:

Fallback to: 1001 Jane Doe

OK Cancel

Figure 6 Incoming calls.

Ensure incoming calls are associated with the DID (or DIDs) associated with the trunk.