

Hey Guys,

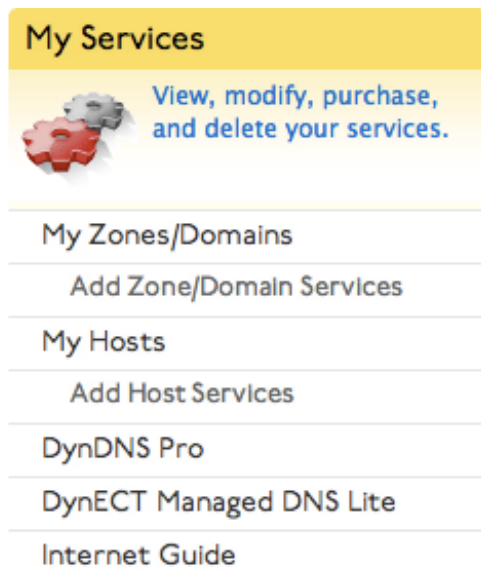
So here is a step-by-step guide for Worldwide access to your reefangel server

##*THIS GUIDE ASSUMES YOU HAVE CONNECTED YOUR REEFANGEL TO YOUR LOCAL NETWORK*##

You will need:

- * Your Reefangel I.P address and port
- * A dydns.org account (They have stopped offering free accounts, I got the \$20 per year offer)
- * dydns.org updater
- * Access to your modem/routers admin interface

STEP 1) Sign into your dydns account. Navigate to "Add a Zone/Domain Service"



STEP 2) Select your preferred dns hostname

STEP 3) Leave all fields as default, Click on your current external IP address to populate field

Hostname: · is-a-techie.com

Wildcard: ☐ create "*.host.dyndns-yourdomain.com" alias (for example to use same settings for www.host.dyndns-yourdomain.com)

Service Type:
☒ Host with IP address
☐ WebHop Redirect (URL forwarding service)
☐ Offline Hostname

IP Address:
[Your current location's IP address is](#)

IPv6 Address (optional):

TTL value is 60 seconds. [Edit TTL...](#)

Mail Routing: ☐ I have mail server with another name and would like to add MX hostname...

STEP 4) Open your routers configuration page (I use a netgear, so thats whats in the example)

STEP 5) Select Port Forwarding/Triggering (May be under Security tab depending on router - use [url]www.portforward.com[/url] for guides on your specific router)

Port Forwarding

Service: ReefAngel(TCP/UDP:1999,2001)

Action: ALLOW always

Send to LAN Server: 192 · 168 · 0 · 22

WAN Servers: Any

Start: · · ·

End: · · ·

Log: Always

STEP 6) Select "Add Custom Service" - Fill in the service name and ports (reefangel should be port 2000, so just copy what i have done)

Add Service

Service Definition

Name: Reefangel

Type: TCP/UDP

Start Port: 1999

End Port: 2001

Once this is done, It should redirect you to your routers Firewall page and you should now see an exception for Reefangel (or whatever you named the exception)

Firewall Rules

Service Table

	#	Service Name	Ports
	1	ReefAngel(TCP/UDP)	1999 - 2001

[Add Custom Service](#) [Edit Service](#) [Delete Service](#)

Outbound Services

	#	Enable	Service Name	Action	LAN Users	WAN Servers	Log
	1	<input checked="" type="checkbox"/>	ReefAngel	ALLOW always	Any	Any	Never
	Default	Yes	Any	ALLOW always	Any	Any	Never

[Add](#) [Edit](#) [Move](#) [Delete](#)

Inbound Services

Click [here](#) to setup Inbound Firewall Rules for gaming or other applications

Instant Messaging(IM) Ports

☐ Close IM Ports
☒ Open IM Ports(IM ports are open by default)

[Apply](#) [Cancel](#)

STEP 7) Go back to Port Forwarding, now select "Add" (NOT Add custom service)

You will want to change the LAN Server address to the address of your ReefAngel

Port Forwarding

Service	ReefAngel(TCP/UDP:1999,2001) ▾
Action	ALLOW always ▾
Send to LAN Server	192 . 168 . 0 . 22
WAN Servers	Any ▾
Start:	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
End:	<input type="text"/> . <input type="text"/> . <input type="text"/> . <input type="text"/>
Log	Always ▾

[Apply](#) [Cancel](#)

STEP 8) Select "Dynamic DNS" setup

Select to use dynamic dns from DynDns.org

Fill in your hostname, username and password then apply.

Check status to make sure it is working.

Dynamic DNS

☒ Use a Dynamic DNS Service

Service Provider www.DynDNS.org ▾

Host Name

User Name poiromaniax

Password *****

Apply Cancel Show Status

STEP 9) Head to <http://www.yougetsignal.com/tools/open-ports/> and check that port 2000 is indeed open

STEP 10) Test from a 3G connection (I used my phone)

Use the dydns.org updater and check the external ip address

Open the web browser and navigate to "http://yourdydnshostname:2000/wifi"
if you see your interface then congratulations, you have just successfully set up external network access :)