

Use Dynamic DNS Feature

Knowledge Base

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Use Dynamic DNS Feature

The following document explains how to configure an Ewon Flexy to publish its IP when using a Dynamic DNS solution.

1. Dynamic DNS on Ewon

Internet Service Providers are not always able to provide a public fixed IP solution. The Ewon can be configured to use one of the supported DDNS solution:

“No-IP.com”
“DynDns.org”
“Ods.org”

“Tzo.com”
“EasyDns.com”
“Dyns.cx”

“ZoneEdit.com”

- Note –

Before using the DDNS, the customer needs to own an active account and a host name from one of the supported Dynamic DNS provider.

The Dynamic DNS feature is a two steps configuration:

1. Activate the publishing IP feature and configure a re-publishing interval (if needed)
2. Configure how the current IP address of the Ewon will be published.

This step requires information from your Dynamic DNS provider.

2.Enable Publish IP request

In the Ewon menu: **Setup\Communication\Networking\Internet Connection\Main setup**

Publish WAN IP address

1	Publish IP address:	Disabled	Configure publish IP address
2	Re-publish interval:	0 minutes	0 for publication only at initial connection

#	Value	Description
1	Publish IP address	Enable or disable the publishing request
2	Re-publish interval	The publication is only done at startup but it's possible to republish the IP address every X minutes (default: 0)

- Caution –

In all cases, the Publish IP address option needs to be enabled in order to authorize the publishing requests.

3.Configure the publish IP feature

In the Ewon menu: **Setup\Communication\Networking\Publish IP Address**

Select your DDNS provider solution to display the configuration settings:

- Note –

The “DynDNS.org” provider will be only taken as example in the screenshot below:

Publish by dynamic DNS

DynDns.org

Dynamic DNS Username:

Dynamic DNS password:

Dynamic DNS Host name:

Dynamic DNS Domain name:

☐ Debug connection

Value	Description
Publish by eMail	Send an eMail on each (re)publishing request
Dynamic DNS Username	Username of the account used for the Dynamic DNS provider
Dynamic DNS Password	Password of the account used for the Dynamic DNS provider
Dynamic DNS Host name	Host name registered in the Dynamic DNS provider
Dynamic DNS Domain name	Domain name registered in the Dynamic DNS provider




3.1. Create & Manage a Dynamic DNS solution

The “No-Ip.com” Dynamic DNS provider will be taken as example in the next configuration steps.

- Caution -

The following screenshots need to be seen as example and cannot be used for your own configuration.

Hostname Information	
Hostname:	Support.no-ip.org
Host Type:	<input checked="" type="radio"/> DNS Host (A) <input type="radio"/> DNS Host (Round Robin) <input type="radio"/> DNS Alias (CNAME) <input type="radio"/> Port 80 Redirect <input type="radio"/> Web Redirect
IP Address:	37.184.72.211 Last Update: 2012-12-17 02:40:21 PST
Assign to Group:	- No Group - Configure Groups
Enable Wildcard:	Wildcards are a Plus / Enhanced feature. Upgrade Now!
Advanced Records:	TXT, SPF, and SRV records and the use of some special clients are Plus / Enhanced features. Upgrade now to use them.

Host	IP/URL	Action
 Hosts By Domain		
no-ip.org		
fondue.no-ip.org	178.144.55.152	 Modify  Remove

The Ewon will be reachable using Support.no-ip.org instead of an IP address.

The Dynamic DNS will manage the redirection to the IP address of the Ewon.

- Note -

Creation process, feature or price might depend on your Dynamic DNS provider. Please refer to it for details or requests.

3.2. Apply Dynamic DNS configuration to your Ewon

Publish by dynamic DNS

Dynamic DNS Username: supportE

Dynamic DNS password:

Dynamic DNS Host name: Support

Dynamic DNS Domain name: no-ip.org

☐ Debug connection

The configuration requests:

- the credentials of the Dynamic DNS account
- The information of the registered host name

The host name **Support.no-ip.org** is composed of two parts:

- The Host name is a unique parameter (In green in the example)
- The Domain name can be common to several Host name (In blue in the example)

- Note -

You can also request the eWON to send an email with the IP information every time a new publishing request is done. If you have configured a re-publishing interval timer, an email will be sent on every re-publishing request (even if the IP is the same)

3.3. Access to your Ewon from the DynDns URL

To access your Ewon from Internet using your DynDNS URL, you must open the WAN port security

In the Ewon menu: **Setup\Communication\Networking\Security**

WAN Protection

WAN Protection level: ☐ Discard all traffic excepted VPN and initiated traffic (ex: Email)

☐ Discard all traffic excepted VPN and initiated traffic (ex: Email) and ICMP (Ping)

☒ Allow all traffic on WAN connection (no protection)

☐ WAN IP Forwarding

Allow traffic forwarding to WAN (from VPN or LAN) - Disable to make sure that LAN or VPN requests are never routed to WAN

- Warning -

Since the Ewon Device only supports HTTP/FTP and not HTTPS/FTPS, accessing the Ewon device directly from Internet without a secured VPN connection is not recommended.

We highly recommend using Talk2M for remote accessing your Ewon devices.