

# 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" "Tzo.com" "ZoneEdit.com"
"DynDns.org" "EasyDns.com"
"Ods.org" "Dyns.cx"
```

- 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.

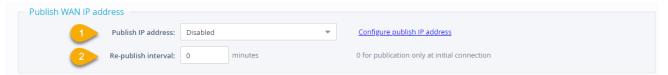
The Dynamic DNS feature is a two steps configuration:

- 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:  $\mathbf{Setup} \setminus \mathbf{Communication} \setminus \mathbf{Networking} \setminus \mathbf{Internet\ Connection} \setminus \mathbf{Main\ setup}$ 



	#	Value	Description	
	1	Publish IP address	Enable or disable the publishing request	
1 /   Re-niihlish interval   '		Re-publish interval	The publication is only done at startup but it's possible to republish the IP address every <i>X</i> 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:



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	

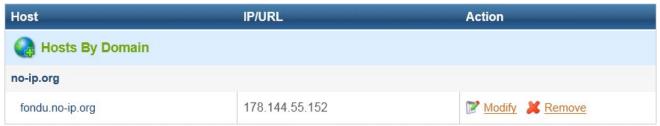
### 3.1. Create & Manage a Dynamic DNS solution

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.





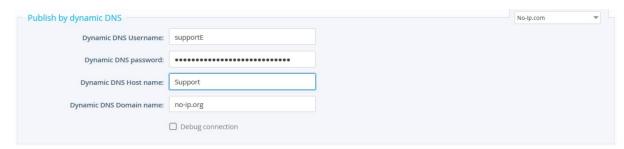
The Ewon will be reachable using Support.no-ip.org instead of an IP address.

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



#### 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

ion			
VAN Protection level:	O Discard all traffic excepted VP	N and initiated traffic (ex: Email)	
	O Discard all traffic excepted VPN and initiated traffic (ex: Email) and ICMP (Ping)		
	Allow all traffic on WAN conne	ection (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	
		VAN Protection level: O Discard all traffic excepted VP O Discard all traffic excepted VP O Allow all traffic on WAN conne	

#### - 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.