

## Use Dynamic DNS Feature

The following document explains how to configure an eWON Flexy/CD 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:

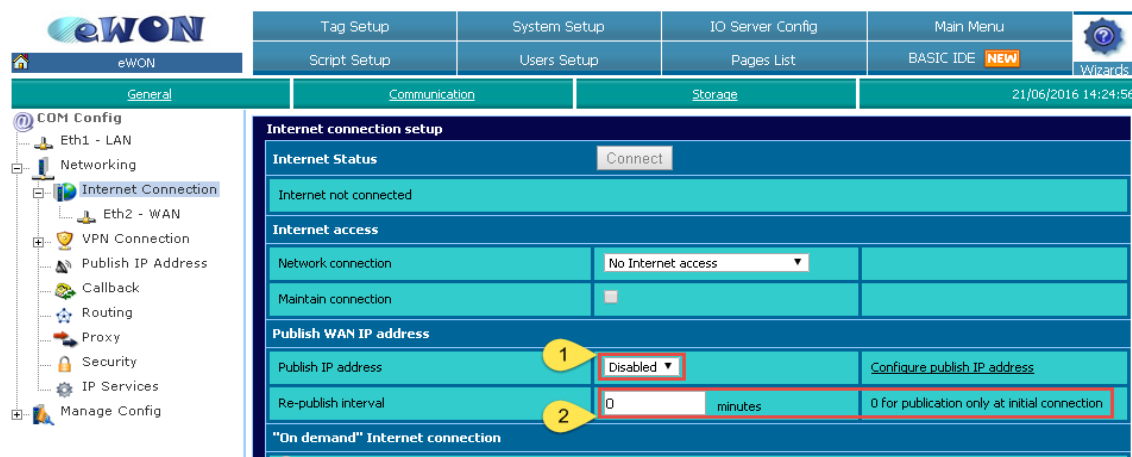
1. Activate the publishing IP feature and configure a re-publishing interval (if needed)
2. Configure how the current IP address of the eWON will be published.  
This step requires information from your Dynamic DNS provider.

### 2. Enable Publish IP request

In the eWON menu, go to:

[TOP MENU]//Configuration/System Setup/Communication

[Side MENU]// Networking/Internet Connection/



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

**- 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, go to:

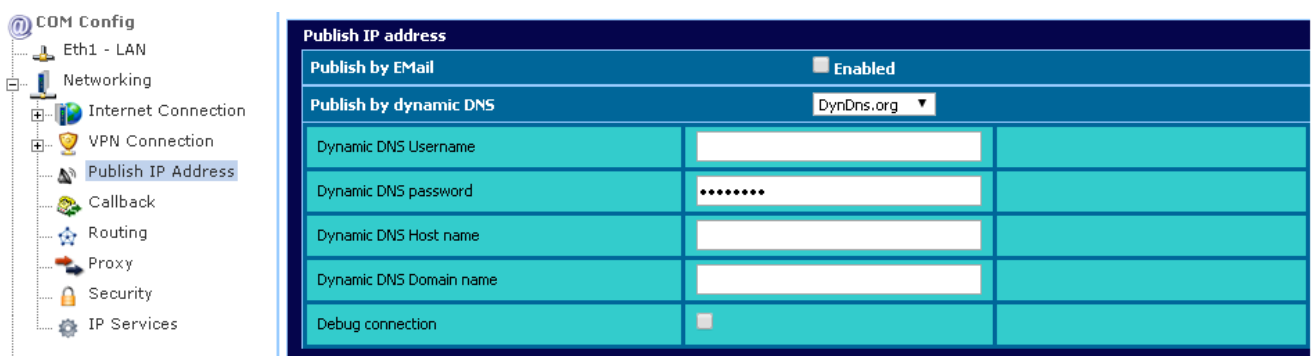
[TOP MENU] //Configuration/System Setup/Communication

[Side MENU]// 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 IP address**

**Publish by EMail**  Enabled

**Publish by dynamic DNS** DynDns.org

Dynamic DNS Username	<input type="text"/>
Dynamic DNS password	<input type="password"/>
Dynamic DNS Host name	<input type="text"/>
Dynamic DNS Domain name	<input type="text"/>
Debug connection	<input type="checkbox"/>

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 and 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:**  DNS Host (A)  DNS Host (Round Robin)  DNS Alias (CNAME) ?


Port 80 Redirect  Web Redirect

**IP Address:**  Last Update: 2012-12-17 02:40:21 PST ?

**Assign to 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. ?

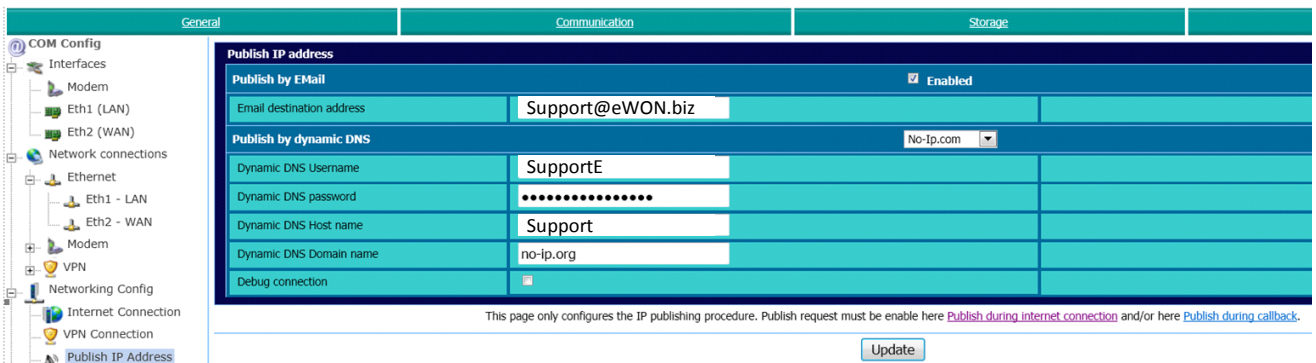
Host	IP/URL	Action
 <b>Hosts By Domain</b>		
no-ip.org		
<b>Support.no-ip.org</b>	178.144.55.152	<a href="#">Modify</a> <a href="#">Remove</a>

The eWON will be reachable using [Support.no-ip.org](http://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)*

## Revision

### Revision History

Revision Level	Date	Description
1.0	22/06/2016	Document creation

#### **Document build number: 10**

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