

# Dynamic DNS SOP:

## Purpose:

- The purpose of this sop is to allow someone who does not have a static IP address through there ISP to configure a Dynamic Domain Name Server (DDNS) to track it for later use.

## Scope:

- The DDN portion of your pfSense router will be affected

## Responsibilities:

- Anyone who is in need of a DDNS to track their Public IP

## Prerequisites:

- Internet Access
- A pfSense Router

## Procedure:

- Use your internet browser to travel to DuckDns.org
- Once there create an account
- Keep that tab open and travel over to the Web GUI of your pfSense
- Once there Menu > Services >Dynamic DNS
- In Dynamic DNS you are going to Click new
- Under service type you are going to do custom
- Make sure interface to monitor and interface to update from are both WAN
- Under update URL paste the following:

**`https://www.duckdns.org/update?domains=[DOMAIN]&token=[TOKEN]&ip=%IP%`**

- Replace the [DOMAIN] and [TOKEN] with your complete domain and token
- Under Result match enter  
**OK (in capital letters)**
- Scroll down and hit Save

- You should now see your public ip in green with a green checkmark next to it

## References:

- <https://www.wundertech.net/use-duckdns-to-set-up-ddns-on-pfsense/>

## Definitions:

- DDNS - Dynamic Domain Name Server

## Revision History:

- Hector Cordova DEC2023