ddclient

- Setting it up on ubuntu with Namecheap

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> This guide assumes that you have an account on Namecheap already with a domain and dynamic DNS enabled.

1. Install ddclient: `sudo apt install ddclient`
2. No need to fill out properly the forms while setting it up, we will change the configuration files anyway
3. It will create two files based on what you chose/entered during setup: `/etc/ddclient.conf` and `/etc/default/ddclient`
4. First let's edit `sudo nano /etc/ddclient.conf` with the following configuration:

```
use=web, web=https://dynamicdns.park-your-domain.com/getip
protocol=namecheap
server=dynamicdns.park-your-domain.com
login=your.domain
password=your DDNS password
@ # Updates your domain, you can also use the wildcard character "*" that will update
all your domain
```

5. Now let's edit `sudo nano /etc/default/ddclient`
   1. Set `run_daemon` to `true`
   2. and `daemon_interval` depending on how frequently you want ddclient to check and update your IP

```
# Configuration for ddclient scripts
# generated from debconf on Thu Jun  9 20:42:11 CEST 2022
#
# /etc/default/ddclient

# Set to "true" if ddclient should be run every time DHCP client ('dhclient'
# from package isc-dhcp-client) updates the systems IP address.
run_dhclient="false"

# Set to "true" if ddclient should be run every time a new ppp connection is
```

```
# established. This might be useful, if you are using dial-on-demand.
run_ipup="false"

# Set to "true" if ddclient should run in daemon mode
# If this is changed to true, run_ipup and run_dhclient must be set to false.
run_daemon="true"

# Set the time interval between the updates of the dynamic DNS name in seconds.
# This option only takes effect if the ddclient runs in daemon mode.
daemon_interval="60"
```

6. Test your configuration: `sudo ddclient`
    1. You should see something like: `SUCCESS:  updating @: good: IP address set to X.X.X.X`
7. Restart ddclient and check its status to see if everything is properly:
    1. `sudo service ddclient restart`
    2. `sudo service ddclient status`
8. If you get a warning/error about the cache, simply delete the file and restart ddclient
    1. `sudo rm /var/cache/ddclient/ddclient.cache`
    2. `sudo service ddclient restart`

Source:

- https://serdima.wordpress.com/2018/04/23/tutorial-updating-dynamic-dns-with-ddclient/