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r/openwrt • 7 mo. ago

seemebreakthis



Question on Cloudflare DDNS

I am using <https://openwrt.org/packages/pkgdata/ddns-scripts-cloudflare> to dynamically update the DDNS - which is basically the A record I have configured in Cloudflare.

It works, but the way I have set it up, and I am not sure if I have done it right, causes the process to directly do DNS queries to check the current registered IP address (then update the cloudflare entry if necessary), which as a matter of course will never be correct (since doing a DNS query will always return the cloudflare proxied IP, while the actual registered IP (i.e. the A record) remains hidden behind the Cloudflare proxy), unless I deliberately turn the proxy off at Cloudflare, that is, which sort of defeats the purpose of using Cloudflare in the first place - even if it is only one subdomain that I have turned proxying off to make detection work.

Would like suggestions on keeping everything proxied while avoiding the detection process to return the proxied IP (thus triggering an update every single time). Or does everyone else turn off proxying also to make way for DDNS?



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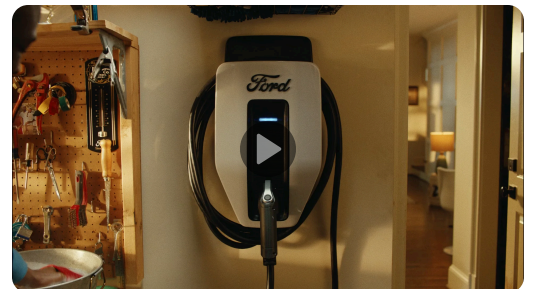
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MirkoBrand • 7mo ago •

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I use an unproxied A record subdomain for DDNS (ex: ddns.mydomain.com) and configure OpenWRT to use that record. Then you can point all other records (proxied CNAME subdomains) towards that same A record domain name.

In this example you would have 1 unproxied A record for DDNS validation purposes, and X amount of proxied actual subdomains for whatever you wish to use/host.

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seemebreakthis OP • 7mo ago •

This is exactly what I am doing right now ! :)

But wondering if I can change that A record to proxied also.

Thanks for the suggestion !

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+ 6 more replies



seemebreakthis OP • 7mo ago • Edited 7mo ago •

I took some time just now to look at the underlying scripts of Openwrt's DDNS function (these scripts are all located in /usr/lib/ddns). It looks like if I write an extra script to detect the current A record, it can be integrated back to DDNS as the currently registered IP by going to Advanced Settings, changing the IP address source to "Script", then supplying the path of my script in the subsequent field.

So.... It now probably becomes a matter of writing a script to go straight to Cloudflare and extract the A record IP address.... At the end if it all works out, I can probably enable proxying for that A record once again (which I really want to do to make everything seem safer).

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Namecheap DDNS

1 upvote · 4 comments

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Are there any dynamic DNS providers that don't require a periodic "I am a human" update to maintain the DNS name?

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Help Configuring DDNS with CloudFlare

7 upvotes · 10 comments

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NameCheap DDNS in OpenWrt

3 upvotes · 12 comments

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OpenWrt developers are discussing 24.xx plans on the mailing list again

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Why is it hard to set custom DNS on OpenWRT, and how do I set it properly?

13 upvotes · 35 comments



r/homelab

Made a tool to update Cloudflare A records with dynamic IP

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8 upvotes · 15 comments



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2 upvotes · 4 comments

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Cloudflare, DDNS

8 comments

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Cloudflare DNS + Carrrd = Error 1000 - DNS points to prohibited IP

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No NAT November

181 upvotes · 69 comments

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Tailscale appreciation post

256 upvotes · 50 comments

 r/opnsense

Possible DNS Rebind or Bogon Issue with Cloudflare and Unbound

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 r/Proxmox

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cloudflare dkim not validating

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