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r/openwrt • 3 yr. ago

pp6000v2



Cloudflare DDNS failing

I'm trying to get cloudflare setup for my ddns since I have a domain I pay for. My existing no-ip ddns setup has been working just fine. As the script runs, it checks the listed IP of my domain, sees it doesn't match my local IP, and goes to update cloudflare's record. I'm using the api token I generated that reads zone.zone, and edits zone.dns. I'm getting errors on the update authentication, and I don't know whether it's a script problem, a credential problem, or a cloudflare problem.

I'm using username: Bearer and password: api token

```
115703      : Update needed - L: 'myrealboyipaddress' <> R: '123.123.123.123'
115703      : parsing script '/usr/lib/ddns/update_cloudflare_com_v4.sh'
115703      : #> /usr/bin/curl -RsS -o /var/run/ddns/cloudflare_ip4.dat --stderr /var/run/
115709 WARN  : CloudFlare reported an error:
```



4



9



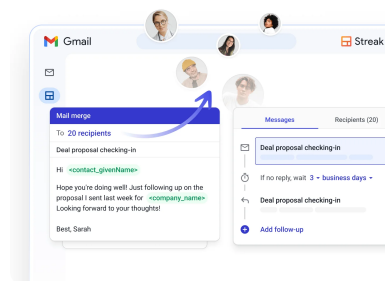
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pp6000v2 **OP** • 3y ago • Edited 3y ago

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```
__PRGBASE="$__PRGBASE --header 'X-Auth-Email: $username' "  
__PRGBASE="$__PRGBASE --header 'X-Auth-Key: $password' "  
__PRGBASE="$__PRGBASE --header 'Content-Type: application/json' "
```

The cloudflare api does not want X-Auth-Email and X-Auth-Key as separate lines. The proper API form of the header is:

```
__PRGBASE="$__PRGBASE --header 'Content-Type: application/json' "  
__PRGBASE="$__PRGBASE --header 'Authorization: $username $password' "
```

where \$username is "Bearer" and \$password is the API token string, both as set in the ddns configuration.

⊖ ↑ 1 ↓ ○ Reply ...



MinimumBird5948 • 3mo ago

Thx, it works, but my path is `/usr/lib/ddns/update\_cloudflare\_com\_v4.sh`

↑ 1 ↓ ○ Reply ...



pilkyton • 2mo ago • Edited 2mo ago

I am using OpenWRT 21.02 in 2024, and this manual edit is not necessary anymore. I've read that this was the version where they patched the behavior. So if you're using OpenWRT 21.02 or newer, then you won't have to do any manual patching.

If you set the username to "Bearer", and put your token in "Password", then the "ddns-scripts-cloudflare" plugin automatically uses the "Authorization" header style instead.

Furthermore, if you want to update a subdomain, you MUST set the "Domain" setting to use a "@" between the subdomain and your actual zone (domain). Example "[your.subdomain@example.com](#)". When you do this, the plugin detects that "example.com" is the zone and performs the correct request to edit a subdomain of that zone.

Tbh the latter is a bit stupid. It would be trivial for the "ddns-scripts-cloudflare" plugin code to detect what's a zone (domain and TLD) and what's the subdomain (if any), and not require us to use that weird syntax. But whatever. It's what the plugin requires as syntax to understand what to do, so we have to do it...

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⊕ 1 more reply



gorbek • 3y ago

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Thanks - this fix worked for me.

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⊕ 2 more replies



S0phisticatedBear • 2y ago

Thank you for this!

↑ 1 ↓ [Reply](#) ...



TNTqwe • 1y ago

```
__PRGBASE="$__PRGBASE --header 'Content-Type: application/json' "  
__PRGBASE="$__PRGBASE --header 'Authorization: $username $password' "
```

Thanks so much for this i was debugging everything but the script and this really saved me from insanity

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Question on Cloudflare DDNS

9 comments



r/openwrt • 2 yr. ago

Help Configuring DDNS with CloudFlare

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ddns script in openwrt?

2 upvotes · 4 comments



r/unRAID • 9 mo. ago

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r/CloudFlare • 3 mo. ago

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r/selfhosted • 7 mo. ago

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DDNS issues

6 comments



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Namecheap DDNS

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Are you guys using Cloudflare zerotrust or something else?

66 upvotes · 35 comments



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r/CloudFlare • 27 days ago

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51 upvotes · 49 comments



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[shivang...](#)

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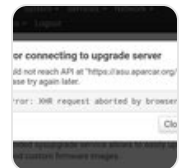
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153 upvotes · 62 comments

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2 upvotes

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1 upvote · 9 comments

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2 upvotes · 11 comments

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