

SOLVED: certbot-dns-cloudflare install fails for Nginx Proxy Manager

Problem occurred while configuring cloudflare dns on nginx proxy manager:

The Error:

```
Error: Command failed: . /opt/certbot/bin/activate && pip install --no-cache-dir certbot-dns-cloudflare==$(certbot --version | grep -Eo '0-9+') cloudflare && deactivate
```

The 'certbot_dns_cloudflare._internal.dns_cloudflare' plugin errored while loading: No module named 'acme.magic_typing'. You may need to remove or update this plugin. The Certbot log will contain the full error details and this should be reported to the plugin developer.

Ask for help or search for solutions at <https://community.letsencrypt.org> 1. See the logfile /tmp/certbot-log-drz10np0/log or re-run Certbot with -v for more details.

```
ERROR: Could not find a version that satisfies the requirement certbot-dns-cloudflare==
```

```
ERROR: No matching distribution found for certbot-dns-cloudflare==
```

The Fix:

```
docker ps
```

Use the container id to execute into the terminal of that container:

```
docker exec -it 4f9e14a5d713 /bin/bash
```

Try this:

```
apt update
```

```
pip3 install certbot-dns-cloudflare==2.11.0
```

replace 2.11.0 with some other versions that meet the latest version nginx proxy manager

```
[root@docker-4f9e14a5d713:/app]# pip3 install certbot-dns-cloudflare==2.3.1
ERROR: Could not find a version that satisfies the requirement certbot-dns-cloudflare==2.3.1 (from versions: 0.14.0.dev0, 0.15.0, 0.16.0, 0.17.0, 0.18.0, 0.18.1, 0.18.2, 0.19.0, 0.20.0, 0.21.0, 0.21.1, 0.22.0, 0.22.1, 0.22.2, 0.23.0, 0.24.0, 0.25.0, 0.25.1, 0.26.0, 0.26.1, 0.27.0, 0.27.1, 0.28.0, 0.29.0, 0.29.1, 0.30.0, 0.30.1, 0.30.2, 0.31.0, 0.32.0, 0.33.0, 0.33.1, 0.34.0, 0.34.1, 0.34.2, 0.35.0, 0.35.1, 0.36.0, 0.37.0, 0.37.1, 0.37.2, 0.38.0, 0.39.0, 0.40.0, 0.40.1, 1.0.0, 1.1.0, 1.2.0, 1.3.0, 1.4.0, 1.5.0, 1.6.0, 1.7.0, 1.8.0, 1.9.0, 1.10.0, 1.10.1, 1.11.0, 1.12.0, 1.13.0, 1.14.0, 1.15.0, 1.16.0, 1.17.0, 1.18.0, 1.19.0, 1.20.0, 1.21.0, 1.22.0, 1.23.0, 1.24.0, 1.25.0, 1.26.0, 1.27.0, 1.28.0, 1.29.0, 1.30.0, 1.31.0, 1.32.0, 2.0.0, 2.1.0, 2.2.0, 2.3.0, 2.4.0, 2.5.0, 2.6.0, 2.7.0, 2.7.1, 2.7.2, 2.7.3, 2.7.4, 2.8.0, 2.9.0, 2.10.0, 2.11.0)
ERROR: No matching distribution found for certbot-dns-cloudflare==2.3.1

[notice] A new release of pip is available: 24.0 -> 24.1.1
[notice] To update, run: pip install --upgrade pip
[root@docker-4f9e14a5d713:/app]# pip3 install certbot-dns-cloudflare==2.11.0
Collecting certbot-dns-cloudflare==2.11.0
  Downloading certbot_dns_cloudflare-2.11.0-py3-none-any.whl.metadata (1.5 kB)
Collecting cloudflare<2.20,>=1.5.1 (from certbot-dns-cloudflare==2.11.0)
  Downloading cloudflare-2.19.4.tar.gz (118 kB)
    ━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━━ 118.4/118.4 kB 7.0 MB/s eta 0:00:00
  Preparing metadata (setup.py) ... done
Requirement already satisfied: setuptools>=41.6.0 in /opt/certbot/lib/python3.11/site-packages (from certbot-dns-cloudflare==2.11.0) (66.1.1)
Collecting acme>=2.11.0 (from certbot-dns-cloudflare==2.11.0)
  Downloading acme-2.11.0-py3-none-any.whl.metadata (1.4 kB)
Collecting certbot>=2.11.0 (from certbot-dns-cloudflare==2.11.0)
  Downloading certbot-2.11.0-py3-none-any.whl.metadata (8.2 kB)
Requirement already satisfied: cryptography>=3.2.1 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (42.0.7)
Requirement already satisfied: josepy>=1.13.0 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (1.14.0)
Requirement already satisfied: PyOpenSSL!=23.1.0,>=17.5.0 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (24.1.0)
Requirement already satisfied: pyrfc3339 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (1.1)
Requirement already satisfied: pytz>=2019.3 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (2024.1)
Requirement already satisfied: requests>=2.20.0 in /opt/certbot/lib/python3.11/site-packages (from acme>=2.11.0->certbot-dns-cloudflare==2.11.0) (2.32.2)
Requirement already satisfied: ConfigArgParse>=1.5.3 in /opt/certbot/lib/python3.11/site-packages (from certbot>=2.11.0->certbot-dns-cloudflare==2.11.0) (1.7)
Requirement already satisfied: configobj>=5.0.6 in /opt/certbot/lib/python3.11/site-packages (from certbot>=2.11.0->certbot-dns-cloudflare==2.11.0) (5.0.8)
Requirement already satisfied: distro>=1.0.1 in /opt/certbot/lib/python3.11/site-packages (from certbot>=2.11.0->certbot-dns-cloudflare==2.11.0) (1.9.0)
Requirement already satisfied: parsedatetime>=2.4 in /opt/certbot/lib/python3.11/site-packages (from certbot>=2.11.0->certbot-dns-cloudflare==2.11.0) (2.6)
Collecting jsonlines (from cloudflare<2.20,>=1.5.1->certbot-dns-cloudflare==2.11.0)
  Downloading jsonlines-4.0.0-py3-none-any.whl.metadata (1.6 kB)
Collecting pyyaml (from cloudflare<2.20,>=1.5.1->certbot-dns-cloudflare==2.11.0)
  Downloading PyYAML-6.0.1-cp311-cp311-manylinux_2_17_x86_64_manylinux2014_x86_64.whl.metadata (2.1 kB)
```

Note:

If you have network issue, then you must fix your dns resolve first then continue the steps above.

Revision #3

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