
certbot*dnstnsipDocumentation*

Release 0.2.6

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CHAPTER 1

certbot-dns-transip

Certbot plugin to authenticate using dns TXT records via Transip API

- Documentation: <https://readthedocs.org/projects/certbot-dns-transip/>
- Running with docker: `docker run -ti -v $PWD/transip.ini:/transip.ini -v $PWD/transip-rsa.key:/transip-rsa.key hsmade/certbot-transip certonly -d <host.domain.tld> -a certbot-dns-transip:dns-transip --certbot-dns-transip:dns-transip-credentials transip.ini --certbot-dns-transip:dns-transip-propagation-seconds 240`

CHAPTER 2

Installation

At the command line:

```
$ pip install certbot-dns-transip
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv certbot-dns-transip  
$ pip install certbot-dns-transip
```


CHAPTER 3

Usage

To use certbot-dns-transip in a project:

```
# Get an API key from TransIP

# Convert the key to an RSA key
$ openssl rsa -in transip.key -out transip-rsa.key

# make sure the rights are set correctly
$ chmod 600 transip-rsa.key

$ cat transip-rsa.key
-----BEGIN RSA PRIVATE KEY-----
MIIE.....
-----END RSA PRIVATE KEY-----

# Create a transip.ini file
$ cat transip.ini
certbot_dns_transip:dns_transip_username = my_username
certbot_dns_transip:dns_transip_key_file = transip-rsa.key

# Execute certbot
$ certbot certonly -d <host.domain.tld> -a certbot-dns-transip:dns-transip --certbot-
↪ dns-transip:dns-transip-credentials transip.ini --certbot-dns-transip:dns-transip-
↪ propagation-seconds 240
# make sure to use the propagation wait time of at least 240 seconds, as Transip doesn
↪ 't refresh the zones that often.
```


Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

4.1 Submit Feedback

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.

4.1.1 Get Started!

Ready to contribute? Here's how to set up *certbot-dns-transip* for local development.

1. Clone your fork locally:

```
$ git clone https://github.com/hsmade/certbot-dns-transip
```

2. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your clone for local development:

```
$ mkvirtualenv certbot-dns-transip
$ cd certbot-dns-transip/
$ python setup.py develop
```

3. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

4. Commit your changes and push your branch to the server:

```
$ git add .  
$ git commit -m "Your detailed description of your changes."  
$ git push origin name-of-your-bugfix-or-feature
```

5. Submit a merge request

5.1 certbot_dns_transip package

5.1.1 Submodules

5.1.2 certbot_dns_transip.dns_transip module

certbot DNS plugin for Transip

class certbot_dns_transip.dns_transip.**Authenticator**(*args, **kwargs)

Bases: certbot.plugins.dns_common.DNSAuthenticator

DNS Authenticator for Transip

This Authenticator uses the Transip API to fulfill a dns-01 challenge.

classmethod **add_parser_arguments**(add, **kwargs)

Add plugin arguments to the CLI argument parser.

NOTE: If some of your flags interact with others, you can use cli.report_config_interaction to register this to ensure values are correctly saved/overridable during renewal.

Parameters **add** (*callable*) – Function that proxies calls to *argparse.ArgumentParser.add_argument* prepending options with unique plugin name prefix.

description = 'Obtain certs using a DNS TXT record (if you are using Transip for DNS).'

more_info()

5.1.3 Module contents

certbot_dns_transip package

Imports all parts from certbot_dns_transip here

6.1 Development Lead

- Wim Fournier <wim@fournier.nl>

6.2 Contributors

None yet. Why not be the first?

CHAPTER 7

History

CHAPTER 8

0.2.6 (21-03-2020)

- updated transip lib

CHAPTER 9

0.1.4 (18-01-2019)

- Added docker image + instructions

CHAPTER 10

0.1.2 (12-11-2018)

- Updated the API for transip to current version

CHAPTER 11

0.1 (14-07-2017)

- First release on <https://pypi.python.org/pypi/certbot-dns-transip>

CHAPTER 12

Indices and tables

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