
WSGI Basic Auth Documentation

Release 1.1.0

Michael van Tellingen

Aug 13, 2017

Contents

1	Installation	3
2	Options	5

Really simple wsgi middleware to provide basic http auth. It is intended to work with environment variables. This makes it simple to use in a docker context.

Using this module is really simple. In Django for example edit the wsgi.py file and add the following to the end of the file.

```
from wsgi_basic_auth import BasicAuth
application = BasicAuth(application)
```

Now run docker with the env variable WSGI_AUTH_CREDENTIALS=foo:bar and you have to authenticate with username foo and password bar. Multiple credentials are separated with a | (pipe) character.

To exclude specific paths for healthchecks (e.g. the Amazon ELB healthchecks) specify the environment variable WSGI_AUTH_EXCLUDE_PATHS=/api/healthchecks. Here multiple paths can be separated with the ; char.

To include only specific paths specify the environment variable WSGI_AUTH_EXCLUDE_PATHS. Here multiple paths can be separated with the ; char.

You can use both include and exclude paths together for example: WSGI_AUTH_PATHS=/foo WSGI_AUTH_EXCLUDE_PATHS=/foo/bar This will force Basic Auth on all paths under /foo except /foo/bar

CHAPTER 1

Installation

You can install the latest version using pip:

```
pip install wsgi-basic-auth
```



```
class wsgi_basic_auth.BasicAuth(app, realm='Protected', users=None, exclude_paths=None, include_paths=None, env_prefix='')
    WSGI Middleware to add Basic Authentication to an existing wsgi app.
```

Parameters

- **app** – the wsgi application
- **realm** – the basic auth realm. Default = 'protected'
- **users** – dictionary with username -> password mapping. When not supplied the values from the environment variable `WSGI_AUTH_CREDENTIALS`. If no users are defined then the middleware is disabled.
- **exclude_paths** – list of path prefixes to exclude from auth. When not supplied the values from the `WSGI_AUTH_EXCLUDE_PATHS` environment variable are used (splitted by ;)
- **include_paths** – list of path prefixes to include in auth. When not supplied the values from the `WSGI_AUTH_PATHS` environment variable are used (splitted by ;)
- **env_prefix** – prefix for the environment variables above, default ' '

B

BasicAuth (class in `wsgi_basic_auth`), 5