

Add geo-location based access rules to Nginx Proxy Manager

[Link](#)

Nginx Proxy Manager Geo-Location Based Access Rules

This project allows running a python script that adds geo-location based access rules to Nginx Proxy Manager using free IP location data from [db-ip](#) (their free data is updated monthly but is not as complete as the commercial version). The script loads IP location data from either a local CSV file or it can download from db-ip.com directly.

Usage

```
python add-npm-geofilter.py --npm-host <npm_host> --npm-port <npm_port> --npm-email <npm_email> --npm-password <npm_password> --npm-accesslist-name <npm_accesslist_name> --allowed-countries <allowed_countries> [--ip-list-file <ip_list_file>]
```

- `--npm-host`: The host or IP address of the Nginx Proxy Manager instance to connect to (required)
- `--npm-port`: The admin port of the Nginx Proxy Manager instance (required)
- `--npm-email`: The email address of an admin user in the Nginx Proxy Manager instance (required)
- `--npm-password`: The password of the admin user in the Nginx Proxy Manager instance (required)

- `--npm-accesslist-name`: The name of the access list to add the rules to (required)
- `--allowed-countries`: A comma-separated list of country codes to allow (required)
- `--ip-list-file`: The path to the CSV file containing the IP location data (optional, if not provided, data will be fetched from db-ip.com)

Updates

Each time you run the script without specifying an IP List file, it will attempt to fetch the latest one (from the current month). You can use an automation (Cron Job) to have this run once a month and make sure your access rule is running with the most updated IPs

Output

The script will output the number of filtered entries and a success message if the access rules were added successfully. Any errors encountered during the process will be printed to the console.

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