
ihan Documentation

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This is the installation and usage guide for the [IHAN](#) Client. This utility is used for feeding and back filling log files to the IHAN service.

CHAPTER 1

Requirements

Python 2.7 and Python 3.4+ are supported.

On most Ubuntu systems you should be able to install Python and virtualenv via the following:

```
$ sudo apt update
$ sudo apt install \
    python-pip \
    python-virtualenv
```


CHAPTER 2

Installation

```
$ virtualenv ~/.ihan  
$ source ~/.ihan/bin/activate  
$ pip install --upgrade ihan
```


CHAPTER 3

Logging In

Make sure you have an account setup at [IHAN](#) and you have your email address and password for your IHAN account to hand.

```
$ source ~/.ihan/bin/activate
$ ihan login
```

Enter your email address and password when prompted. If authentication is successful API credentials will be written to `~/.ihan/config`. From this point on the `live` and `backfill` commands should work without issue.

CHAPTER 4

Shipping Logs

Make sure the user account that is running has read access to the main nginx log file. If it doesn't please run the following. Replace `your_user_name` with your unix username (found via `whoami`).

```
$ sudo chown your_user_name:www-data /var/log/nginx/access.log
$ sudo chmod u+r /var/log/nginx/access.log
```

```
$ sudo apt install screen
$ screen
$ ihan live /var/log/nginx/access.log
```

Once that's running type `CTRL-A` and then `CTRL-D` to return to your regular shell.

CHAPTER 5

Backfill Log Files

If the log file is not compressed, run the following:

```
$ screen
$ ihan backfill /var/log/nginx/access.log
```

If it is compressed, run the following:

```
$ screen
$ gunzip -c /var/log/nginx/access.log.gz | ihan backfill -
```

Once that's running type CTRL-A and then CTRL-D to return to your regular shell.