

# Custom Apps - Python

pknw1/notflix\_adduser:sso-v5.5

- notflix.pknw1.co.uk
- services.pknw1.co.uk
  
- containers.notflix.pknw1.co.uk
- containers.notflix.pknw1.co.uk/containers
- containers.notflix.pknw1.co.uk/containers/<app>/logs
- containers.notflix.pknw1.co.uk/containers/all/logs
- containers.notflix.pknw1.co.uk/containers/status
- containers.notflix.pknw1.co.uk/containers/check?api=
- containers.notflix.pknw1.co.uk/containers/service/<app>
- containers.notflix.pknw1.co.uk/containers/service/stop/<app>
  
- register.notflix.pknw1.co.uk
- register.notflix.pknw1.co.uk/sso
- register.notflix.pknw1.co.uk/sso/check\_success
- register.notflix.pknw1.co.uk/sso/register
- register.notflix.pknw1.co.uk/sso/auth
- register.notflix.pknw1.co.uk/sso/login
- register.notflix.pknw1.co.uk/sso/logout
- register.notflix.pknw1.co.uk/sso/ldap\_success
  
- [/home/apps/frontend/sso-registration](#)
- [development](#)
- [@app.routes](#)
- [/containers](#)

# /home/apps/frontend/sso-registration

```
name: frontend
services:
  sso-registration:
    image: pknw1/notflix_adduser:sso-v5.5
    container_name: sso-registration
    hostname: sso-registration
    ports:
      - 172.22.20.1:3334:3334
    environment:
      -
      VIRTUAL_HOST=notflix.pknw1.co.uk,containers.notflix.pknw1.co.uk,containers.pknw1.co.uk,signup.
      notflix.pknw1.co.uk
      - VIRTUAL_PORT=3334
      - TZ=Europe/Paris
    networks:
      - proxy
    volumes:
      - ./config:/config
      - ./logs:/logs
      - /var/run/docker.sock:/var/run/docker.sock
      - /etc/localtime:/etc/localtime:ro
    restart: unless-stopped

networks:
  proxy:
    external: true
```

**config/**

## signup.ini

```
; signup.ini

[DEFAULT]
[cookies]
enabled = false
key = 5crxnvCUG768Kwm08MwSt7-cM_J3UvPFUjo6kp-Qm7w=

[index]
enabled = false
Create New User = /register
More Info = https://info.notflix.pknw1.co.uk
Apps for Users = https://apps.notflix.pknw1.co.uk
Apps for Admin = https://apps.admin.pknw1.co.uk
OnDemand Apps = /containers/status
Status = https://status.pknw1.co.uk

[index_static_content]
enabled = false
title = Notflix Registration
text = Registration and Info Options : Choose a topic below

[sso_register]
enabled = false
ldap_Server = ldap://172.22.20.1:3890
base_dn = dc=pknw1,dc=co,dc=uk
ldap_cn = api_register_sso
ldap_password = 4as3bpni3qubteth5kxjzp4bephdtho

[notflix]
enabled = true
```

```
url = http://jellyseerr-admin:8056/user/invite
title = Add Notflix & Requests accounts
api_key =
api_data = {"code": "DATA_CODE", "email": "DATA_EMAIL", "username": "DATA_USERNAME",
"password": "DATA_PASSWORD"}
select = Notflix
```

```
[filebrowser]
```

```
enabled = false
```

```
title = Add Download Account
```

```
url = https://fb.pknw1.co.uk/api/users
```

```
api_key =
```

```
eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJrZXkiOiIiLCJueW1lIjoieYWRkdXNlciIsImNyZWZ0ZWRBdCI6MTc1MDEwMDUyMiwiZXhwaXJlc0F0Ijo0MzM5NTA4NTIyLCJiZWxvbmRzVG8iOiJIsImlBlcm1pc3Npb25zIjp7ImFwaSI6dHJlZSwiYWRtaW4iOi0nRydWUwIm1vZGlmeSI6dHJlZSwic2hhcmUiOi0nRydWUwInJlYX0aW1lIjpmYWxzZX19.MXfAGHi2N0HGdqAfpG1cq0HV9JW2i9iLWjbfmekrnZ0
```

```
api_data =
```

```
{"what":"user","which":[],"data":{"stickySidebar":true,"darkMode":true,"locale":"en","viewMode":"normal","singleClick":false,"showHidden":false,"dateFormat":false,"gallerySize":3,"themeColor":"var(--blue)","quickDownload":false,"disableOnlyOfficeExt":[".txt .csv .html .pdf"],"disableOfficePreviewExt":"","lockPassword":false,"preview":{"highQuality":true,"image":true,"video":true,"motionVideoPreview":false,"office":false,"popup":true},"permissions":{"api":false,"admin":false,"modify":false,"share":true,"realtime":false},"loginMethod":"password","password":"DATA_PASSWORD","scopes":[{"path":"/srv","name":"srv","config":{"indexingInterval":0,"disabled":false,"maxWatchers":0,"neverWatchPaths":null,"ignoreHidden":false,"ignoreZeroSizeFolders":false,"exclude":{"files":null,"folders":null,"fileEndsWith":null},"include":{"files":null,"folders":null,"fileEndsWith":null},"defaultUserScope":"/","defaultEnabled":true,"createUserDir":false}}],"username":"DATA_USERNAME"}}
```

```
[youtube]
```

```
enabled = false
```

```
url_get = https://proxymanager.admin.pknw1.co.uk/api/nginx/access-lists/4?expand=items
```

```
url_auth = https://proxymanager.admin.pknw1.co.uk/api/tokens
```

```
update_url = https://proxymanager.admin.pknw1.co.uk/api/nginx/access-lists/4
```

```
url = https://proxymanager.admin.pknw1.co.uk/api
```

```
admin_user = pkswansea@outlook.com
admin_password = !C0nduit77
api_data = { "name": "Updated YTPTube Accesss", "satisfy_any": True, "items": new_items
}
title =

[reddit]
enabled = false
client_id = 3k1mUiepgz-wP7a6d_4zZQ
client_Secret = RZzw-0IqSqCmGJWMAM0i6jM8u2xg9g
reddit_admin = 0kBrilliant8092
reddit_password = !C0nduit77
subreddit = pknw1
title = Access r/pknw1 private Subreddit
api_key = 01792421475

[ntfy]
enabled = false
api_key = tk_seujdzke7j0jwrfy97g1qydtzplux
url = https://ntfy.sh/
```

## apps.ini

```
[DEFAULT]
api_key = 020668000
logs_folder = logs/
auto_refresh = 10
app_port = 5000
redirect_url = https://watch.notflix.pknw1.co.uk
about1 = available routes
about2 =
about3 = /check[ ]- periodic check for over-running services
about4 = /service/service.fqdn [ ]- start paused service

[apps.notflix.pknw1.co.uk]
```

```
monitoringStatus = true
internal_proxy = true
containerNames = ["iso-user-dashboard"]
monitorLog = logs/proxymanager/proxy-host-*_access.log
monitorUrl = apps.notflix.pknw1.co.uk
idleTime = 5
countdown = 10
currentStatus = running
lastUpdate = 2025-08-21 23:14:39
lastChecked = 2025-08-20T13:00:00
```

```
[fb.notflix.pknw1.co.uk]
monitoringStatus = false
internal_proxy = false
containerNames = ["filebrowser2"]
monitorLog = logs/proxymanager/proxy-host-88_access.log
monitorUrl = fb.notflix.pknw1.co.uk
idleTime = 1
countdown = 10
currentStatus = running
lastUpdate = 2025-08-21 23:14:39
lastChecked = 2025-08-20T13:00:00
```

```
[info.notflix.pknw1.co.uk]
monitoringStatus = true
internal_proxy = true
containerNames = ["iso-info-dashboard"]
monitorLog = logs/proxymanager/proxy-host-77_access.log
monitorUrl = info.notflix.pknw1.co.uk
idleTime = 5
countdown = 10
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[bookstack.notflix.pknw1.co.uk]
monitoringStatus = true
```

```
internal_proxy = true
containerNames = ["bookstack","bookstack-mysql"]
monitorLog = logs/proxymanager/proxy-host-77_access.log
monitorUrl = bookstack.notflix.pknw1.co.uk
idleTime = 5
countdown = 25
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[vue.notflix.pknw1.co.uk]
```

```
monitoringStatus = true
internal_proxy = true
containerNames = ["jellyfin_vue"]
monitorLog = logs/proxymanager/proxy-host-43_access.log
monitorUrl = vue.notflix.pknw1.co.uk
idleTime = 30
countdown = 10
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[requests.notflix.pknw1.co.uk]
```

```
monitoringStatus = true
internal_proxy = true
containerNames = ["jellyseerr"]
monitorLog = logs/proxymanager/proxy-host-77_access.log
monitorUrl = requests.notflix.pknw1.co.uk
idleTime = 15
countdown = 25
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[metube.notflix.pknw1.co.uk]
```

```
monitoringStatus = true
internal_proxy = false
containerNames = ["metube"]
```

```
monitorLog = logs/proxymanager/proxy-host-80_access.log
monitorUrl = metube.notflix.pknw1.co.uk
idleTime = 30
countdown = 15
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[portainer.admin.pknw1.co.uk]
monitoringStatus = true
internal_proxy = true
containerNames = ["portainer"]
monitorLog = logs/proxymanager-admin/proxy-host-3_access.log
monitorUrl = portainer.admin.pknw1.co.uk
idleTime = 20
countdown = 10
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

```
[glances.admin.pknw1.co.uk]
monitoringStatus = true
internal_proxy = true
containerNames = ["glances"]
monitorLog = logs/proxymanager-admin/proxy-host-3_access.log
monitorUrl = glances.admin.pknw1.co.uk
idleTime = 30
countdown = 20
currentStatus = running
lastUpdate = 2025-08-21 23:03:42
lastChecked = 2025-08-20T13:00:00
```

```
[caddyui.admin.pknw1.co.uk]
monitoringStatus = true
internal_proxy = false
containerNames = ["caddyui-mongodb", "caddyui-frontend", "caddyui-backend"]
monitorLog = logs/proxymanager-admin/proxy-host-3_access.log
monitorUrl = caddyui.admin.pknw1.co.uk
```

```
idleTime = 30
countdown = 20
currentStatus = running
lastUpdate = 2025-08-21 23:03:42
lastChecked = 2025-08-20T13:00:00
```

```
[vault.pknw1.co.uk]
```

```
monitoringStatus = true
internal_proxy = false
containerNames = ["aliasvault-smtp","aliasvault-reverse-proxy","aliasvault-task-
runner","aliasvault-admin","aliasvault-api","aliasvault-postgres","aliasvault-client"]
monitorLog = logs/proxymanager/proxy-host-82_access.log
monitorUrl = vault.pknw1.co.uk
idleTime = 120
countdown = 45
currentStatus = stopped
lastUpdate = 2025-08-21 23:00:46
lastChecked = 2025-08-20T13:00:00
```

# development

## dev tree

```
├─ Dockerfile
├─ README.md
├─ REMOVE_RESULT
├─ RESULT
├─ assets
│   ├─ animate.css
│   ├─ bootstrap-grid.min.css
│   ├─ bootstrap-reboot.min.css
│   ├─ bootstrap.bundle.min.js
│   ├─ bootstrap.min.css
│   ├─ css.css
│   ├─ error-background.png
│   ├─ ezgif-2cb022df995c2e.png
│   ├─ google-analytics_analytics.js
│   ├─ index.js
│   ├─ jarallax.css
│   ├─ jarallax.js
│   ├─ mbr-additional.css
│   ├─ mobirise2.css
│   ├─ navbar-dropdown.js
│   ├─ notflix-logo-telegram-128x72.png
│   ├─ script.js
│   ├─ smooth-scroll.js
│   ├─ squid-background.png
│   ├─ style.css
│   ├─ style_002.css
│   ├─ style_003.css
│   └─ styles.css
├─ build.sh
├─ config
│   ├─ adduser.log
│   └─ apps.ini
```

```
| └─ config.txt
| └─ config.txt.example
| └─ images
|   └─ logo.png
|   └─ poster.gif
|   └─ poster.png
| └─ signup.ini
└─ create_files
  └─ animate.css
  └─ bootstrap-grid.min.css
  └─ bootstrap-reboot.min.css
  └─ bootstrap.bundle.min.js
  └─ bootstrap.min.css
  └─ css.css
  └─ error-background.png
  └─ ezgif-2cb022df995c2e.png
  └─ google-analytics_analytics.js
  └─ index.js
  └─ jarallax.css
  └─ jarallax.js
  └─ mbr-additional.css
  └─ mobirise2.css
  └─ navbar-dropdown.js
  └─ notflix-logo-telegram-128x72.png
  └─ script.js
  └─ smooth-scroll.js
  └─ squid-background.png
  └─ style.css
  └─ style_002.css
  └─ style_003.css
  └─ styles.css
└─ docker-compose.yml
└─ lib
  └─ __init__.py
  └─ __pycache__
    └─ __init__.cpython-310.pyc
    └─ __init__.cpython-312.pyc
    └─ autoshutdown.cpython-312.pyc
    └─ cookies.cpython-310.pyc
```

```
| | └─ cookies.cpython-312.pyc
| | └─ filebrowser.cpython-310.pyc
| | └─ filebrowser.cpython-312.pyc
| | └─ jfaadmin.cpython-310.pyc
| | └─ jfaadmin.cpython-312.pyc
| | └─ ldap_account.cpython-312.pyc
| | └─ ldap_authenticate.cpython-312.pyc
| | └─ ldap_register.cpython-312.pyc
| | └─ ntfy.cpython-310.pyc
| | └─ ntfy.cpython-312.pyc
| | └─ reddit_adduser.cpython-312.pyc
| | └─ reddit_api.cpython-310.pyc
| | └─ reddit_api.cpython-312.pyc
| | └─ reddit_subreddit.cpython-312.pyc
| | └─ register.cpython-312.pyc
| | └─ sonarr_schedule.cpython-312.pyc
| | └─ static.cpython-312.pyc
| | └─ subreddit.cpython-310.pyc
| | └─ subreddit.cpython-312.pyc
| └─ autoshutdown.py
| └─ cookies.py
| └─ filebrowser.py
| └─ jellyfin.py
| └─ jfaadmin.py
| └─ ldap_authenticate.py
| └─ ldap_register.py
| └─ logout.py
| └─ nginx_proxy_manager.py
| └─ ntfy.py
| └─ reddit_api.py
| └─ reddit_subreddit.py
| └─ sonarr_schedule.py
| └─ static.py
| └─ subreddit.py
└─ logs
  └─ proxymanager -> /home/apps/core/proxymanager/config/data/logs
  └─ proxymanager-admin -> /home/apps/core/proxymanager-admin/config/data/logs
└─ middle.py
└─ notflix_adduser_service.py
```

- └─ npm.ini
- └─ npm.py
- └─ npm.sh
- └─ on-boarding\_files
  - | └─ amazon-fire-tv-stick-2044516823-1000x600.jpg
  - | └─ animate.css
  - | └─ bjllgl5iba8y-3307632018-400x62.png
  - | └─ bjllgl5iba8y-3307632019-400x62.png
  - | └─ bootstrap-grid.min.css
  - | └─ bootstrap-reboot.min.css
  - | └─ bootstrap.bundle.min.js
  - | └─ bootstrap.min.css
  - | └─ css.css
  - | └─ ezgif-2cb022df995c2e.gif
  - | └─ google-analytics\_analytics.js
  - | └─ index.js
  - | └─ jarallax.css
  - | └─ jarallax.js
  - | └─ mbr-additional.css
  - | └─ mbr-switch-arrow.js
  - | └─ menu.gif
  - | └─ mobirise-icons-bold.css
  - | └─ mobirise-mobiles-4-482x757.png
  - | └─ mobirise2.css
  - | └─ navbar-dropdown.js
  - | └─ netflix-background.jpg
  - | └─ netflix-jellyfin-1256x573.png
  - | └─ netflix-logo-telegram-128x72.png
  - | └─ script.js
  - | └─ smooth-scroll.js
  - | └─ style.css
  - | └─ style\_002.css
  - | └─ style\_003.css
  - | └─ styles.css
- └─ refactor1.py
- └─ refactor2.py
- └─ refactor3.py
- └─ requirements.txt
- └─ templates

```
| └─ 404.html
| └─ add_user.html
| └─ add_user_webhook.html
| └─ authenticate.html
| └─ autoshtutdown.html
| └─ check.html
| └─ coming_soon.html
| └─ create.html
| └─ error.html
| └─ error2.html
| └─ error3.html
| └─ ldap_login.html
| └─ ldap_logout.html
| └─ ldap_success.html
| └─ main_menu.html
| └─ message.html
| └─ redirect.html
| └─ register.html
| └─ squid.html
| └─ success.html
| └─ tvshows.html
| └─ webhook_form.html
└─ test.py
```

**/etc/pknw1/dev/reddit-automation/notflix\_useradd\_multiapps**

**root files**

**lib files**



# @app.routes

## @app.routes /

```
./refactor3.py:@app.route('/')
./refactor3.py:@app.route('/<static_path>/<path:path>')
./refactor3.py:@app.route('/cookie')
./refactor3.py:@app.route('/cookie/<action>')
./refactor3.py:@app.route('/cookie/get')
./refactor3.py:@app.route('/healthcheck')
./refactor3.py:@app.route('/ntfy/')
./refactor3.py:@app.route('/ntfy/<channel>/<message>')
./refactor3.py:@app.route('/requests', methods=['GET', 'POST'])
./refactor3.py:@app.route('/squid')
./refactor3.py:@app.route('/webhook/jellyfin', methods=['GET', 'POST'])
```

## @app.routes /static

```
./lib/static.py:@static_blueprint.route('/check')
./lib/static.py:@static_blueprint.route('/comingsoon/<feature>', methods=['GET'])
./lib/static.py:@static_blueprint.route('/contact')
./lib/static.py:@static_blueprint.route('/error')
./lib/static.py:@static_blueprint.route('/healthcheck')
./lib/static.py:@static_blueprint.route('/success')
```

## @app.routes /sonarr

### @app.routes /sonarr/tvshows

```
./lib/sonarr_schedule.py:@sonarr_blueprint.route('/sonarr/tvshows', methods=['GET'])
```

### **@app.routes /reddit-api**

```
./lib/reddit_api.py:@app.route('/jellyfin', methods=['GET', 'POST'])  
./lib/reddit_api.py:@app.route('/poll', methods=['GET', 'POST'])
```

### **@app.routes /proxymanager**

```
./lib/nginx_proxy_manager.py:@app.route('/')  
./lib/nginx_proxy_manager.py:@app.route('/adduser', methods=['GET', 'POST'])  
./lib/nginx_proxy_manager.py:@app.route('/create_files/<path:path>')
```

### **@app.routes /ldap\_register**

```
./lib/ldap_register.py:@register_blueprint.route('/sso/check_success')  
./lib/ldap_register.py:@register_blueprint.route('/sso/register', methods=['GET', 'POST'])  
./lib/ldap_register.py:@register_blueprint.route('/sso/register/', methods=['GET',  
'POST'])  
./lib/ldap_register.py:@register_blueprint.route('/test_ntfy')
```

### **@app.routes /ldap\_authenticate**

```
./lib/ldap_authenticate.py:@authenticate_blueprint.route('/api/auth',
methods=['POST', 'GET'])
./lib/ldap_authenticate.py:@authenticate_blueprint.route('/sso/auth',
methods=['POST', 'GET'])
./lib/ldap_authenticate.py:@authenticate_blueprint.route('/sso/ldap_success')
./lib/ldap_authenticate.py:@authenticate_blueprint.route('/sso/login',
methods=['POST', 'GET'])
./lib/ldap_authenticate.py:@authenticate_blueprint.route('/sso/logout')
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status', methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
```

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

### **@app.routes /containers/<app>/logs**

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

### **@app.routes /containers/about**

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
```

```
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

# /containers

The /containers sub-application is designed so that certain apps are stopped until required (OnDemand Apps)

## Apps not recently used are stopped

- periodically, the apps (urls) listed in config/apps.ini are checked for usage
- if the app URL is not shown in the logs within the last idleTime minutes AND the app containers are running, each container is stopped
  - if the app shows any activity within the configured idleTime window, it is logged and the next app is checked
  - if the app shows no activity within the configured idleTime window, it is logged and then each app container is stopped

Applications are checked at a period designated by the config option auto\_refresh in config/apps.ini however a manual check can be run to identify any apps that can be suspended, by either

- opening [https://containers.notflix.pknw1.co.uk/containers/check?api=<api\\_key>](https://containers.notflix.pknw1.co.uk/containers/check?api=<api_key>)
- opening [https://containers.notflix.pknw1.co.uk/containers/suspend?api=<api\\_key>](https://containers.notflix.pknw1.co.uk/containers/suspend?api=<api_key>)

If an App is in the stopped state, each app container is started and then, once a configured grace period has passed, the user is redirected to the original URL

## Apps currently suspended but requested

Any app that is requested via its AP url (noted as the section header and within section of `config/apps.ini`) will trigger the default HTTP 503 redirect to `https://containers.notflix.pknw1.co.uk/containers/<app>`

This will attempt to restart each container for the app to function and will then, after a configurable delay, automatically redirect to the originally requested App URL - which should now have been

- restarted from a stopped state
- re-registered its `VIRTUAL_HOST` with internal\_proxy via the dockergen service monitoring `/var/run/docker.sock`
- paused on the information page to allow all services and dependencies to restart

# App Configuration

The sub-app requires default settings and each application (app url) that is desired to be configured in `config/apps.ini`

Default Section	
<code>api_key</code>	
<code>logs_folder</code>	
<code>auto_refresh</code>	
<code>redirect_url</code>	
<code>about_fields</code>	

Per Application Section	
<code>[apps.notflix.pknw1.co.uk]</code>	
<code>monitoringStatus</code>	
<code>internal_proxy</code>	
<code>status_source</code>	
<code>containerNames</code>	
<code>monitorLog</code>	
<code>monitorUrl</code>	
<code>idleTime</code>	
<code>countdown</code>	
<code>currentStatus</code>	
<code>lastUpdate</code>	
<code>lastChecked</code>	

**@app.routes /containers**

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status', methods=['GET'])
```

### **@app.routes /containers**

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_name>',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

### **@app.routes /containers/<app>/logs**

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
```

```
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers/about

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

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./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
```

```
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

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./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
```

```
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## @app.routes /containers

```
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/<app>/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/about')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/all/logs')
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/check',
methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/<section_name>
', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/service/stop/<section_
name>', methods=['GET'])
./lib/autoshutdown.py:@autoshutdown_blueprint.route('/containers/status',
methods=['GET'])
```

## Sub-Application Routes

Unprotected Routes	Description
/containers	
/containers/about	
/containers/<app>/logs	
/containers/<status	
/containers/service/<app>	

Protected Routes	Description
/containers/check?api=<api_key>	
/containers/suspend?api=<api_key>	
/containers/cservice/stop/<app>?api=<api_key>	