

📦📦📦📦📦 Docker 📦📦 Load Balanc Nginx Container

📦📦📦📦📦📦📦 Nginx

📦📦📦📦 default-ssl.conf 📦📦📦📦📦📦 upstream 📦📦📦📦📦📦 Load balance 📦📦📦📦

```
upstream my_app {  
    server app_php: 80;  
  
    keepalive 32;  
}  
  
server {  
    listen 443;  
    server_name yourdomain;  
  
    location / {  
        proxy_pass http: //my_app/;  
  
        proxy_http_version 1.1;  
        proxy_set_header Connection "";  
  
        proxy_set_header Host $host;  
        proxy_set_header X-Real-IP $remote_addr;  
        proxy_set_header X-Forwarded-For  
            $proxy_add_x_forwarded_for;  
        proxy_set_header X-Forwarded-Proto $scheme;  
  
        proxy_read_timeout 300s;  
        proxy_send_timeout 300s;  
  
        index index.php index.html index.htm;
```

```
}  
}
```

■■■■■■■■■■ Docker compose

■■■■■■■■ docker-compose.yml ■■■■■■

```
services:  
  app_php:  
    build:  
      context: php74  
    image: app  
    restart: always  
    expose:  
      - "80"  
      - "443"  
  
  nginx:  
    image: nginx:1.17  
    container_name: ngx  
    restart: always  
    ports:  
      - 80:80  
      - 443:443  
    depends_on:  
      - app_php
```

■■■■■■■■■■■■■■■■ Network ■■■■■ Docker Compose ■■■■■■■■■■■■■■■ docker-compose.yml ■■■■■■■

```
version: '3'  
networks:  
  mynetwork:  
    external: true  
    name: test_mynetwork  
services:  
  app_php:  
    build:  
      context: php74  
    image: app
```



```
image: nginx:1.17
container_name: ngx
restart: always
ports:
  - 80:80
  - 443:443
depends_on:
  - app_php
```

Load Balance

php

```
header('Content-Type: application/json');
header('Cache-Control: no-store');

echo json_encode([
    'container' => gethostname(),
    'server_time' => date('Y-m-d H:i:s'),
    'server_ip' => $_SERVER['SERVER_ADDR'] ?? '',
]);
```

Load balance Nginx

```
docker exec ngx nginx -t
docker exec ngx nginx -s reload
```

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