

## Scale services with load balancing

<https://github.com/knehez/isi> - folder example2

**HAProxy** is an open-source software that provides High Availability services, load balancing, and proxying for TCP and HTTP-based applications. It is used to distribute incoming network traffic across multiple servers to improve performance, scalability, and reliability of applications. HAProxy acts as a reverse proxy, meaning that it receives requests from clients and forwards them to the appropriate server based on various criteria such as load balancing algorithms, server health checks, and session persistence.

### docker-compose.yml

```
version: "3.3"
services:
  web:
    build: .
    ports:
      - "5000"
  redis:
    image: "redis:alpine"
  haproxy:
    image: "haproxytech/haproxy-alpine:2.4"
    volumes:
      - ./haproxy.cfg:/usr/local/etc/haproxy/haproxy.cfg:ro
    depends_on:
      - web
    ports:
      - "80:80"
```

From:

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