

# deployment

I deploy vault with docker compose.

## caveats

when vault or docker restart, the vault is sealed. this can be problematic when other programs have short-lived access tokens, since they will be unable to renew the tokens, therefore being left with expired tokens.

## configuration

docker-compose.yml :

```
version: '3'

services:
  vault:
    image: vault:latest
    volumes:
      - ./config:/vault/config
      - ~/data/vault/file:/vault/file
    cap_add:
      - IPC_LOCK
    networks:
      - web
    labels:
      traefik.enable: true
      traefik.http.routers.vault.entrypoints: https
      traefik.http.routers.vault.rule: Host(`vault.arul.io`)
      traefik.http.services.vault.loadbalancer.server.port: 8200
    command: vault server -config=/vault/config/vault.json
    restart: unless-stopped

networks:
  web:
    external: true
```

config/vault.json :

```
{
  "ui": "true",
  "listener": {
    "tcp": {
      "address": "0.0.0.0:8200",
      "tls_disable": "true",
      "proxy_protocol_behavior": "use_always"
    }
  },
  "backend": {
    "file": {
      "path": "/vault/file"
    }
  },
  "default_lease_ttl": "168h",
  "max_lease_ttl": "720h",
  "api_addr": "http://0.0.0.0:8200"
}
```

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