

GuacD

- Binding with Wireguard

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```
version: "3.7"

services:
  wireguard:
    image: linuxserver/wireguard
    container_name: wireguard
    cap_add:
      - NET_ADMIN
      - SYS_MODULE
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=Europe/London
    volumes:
      - /home/tokugero/appdata/rdesktop/wg:/config
      - /lib/modules:/lib/modules
    ports:
      - 3389:3389
      - 4822:4822
    sysctls:
      - net.ipv4.conf.all.src_valid_mark=1
    restart: unless-stopped

  rdesktop:
    image: linuxserver/rdesktop
    container_name: rdesktop
    environment:
      - PUID=1000
      - PGID=1000
      - TZ=Europe/London
    volumes:
      - /home/tokugero/appdata/rdesktop/rdesktop:/config
    restart: unless-stopped
    shm_size: "2gb"
    network_mode: "service:wireguard"
```

```
guacd:
  image: linuxserver/guacd
  container_name: guacd
  restart: unless-stopped
  network_mode: "service:wireguard"
```

#####

Below is only necessary for the actual html5 interface to connect to the guac daemon

#####

```
guacamole:
  image: guacamole/guacamole
  container_name: guacamole
  environment:
    - GUACD_HOSTNAME=wireguard
    - MYSQL_HOSTNAME=guacdb
    - MYSQL_DATABASE=guac
    - MYSQL_USER=guac
    - MYSQL_PASSWORD=mypassword
  ports:
    - 9999:8080
```

```
mariadb:
  image: linuxserver/mariadb
  container_name: guacdb
  environment:
    - MYSQL_ROOT_PASSWORD=myrootpassword
    - MYSQL_DATABASE=guac
    - MYSQL_USER=guac
    - MYSQL_PASSWORD=mypassword
  volumes:
    - /home/tokugero/appdata/rdesktop/guacdb:/config
```

```
docker exec -i guacdb mysql -uguac -pmypassword -Dguac -e "$(docker exec -it guacamole
/opt/guacamole/bin/initdb.sh --mysql)"
```

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