

# Matrix - A full matrix stack

## Docker compose

conduit:

image: matrixconduit/matrix-conduit:latest

restart: unless-stopped

networks:

- traefik
- matrix\_default

volumes:

- /path/to/db:/var/lib/matrix-conduit/

environment:

- CONDUIT\_SERVER\_NAME=matrix-domain.t.com
- CONDUIT\_DATABASE\_PATH=/var/lib/matrix-conduit/
- CONDUIT\_DATABASE\_BACKEND=rocksdb
- CONDUIT\_PORT=6167
- CONDUIT\_MAX\_REQUEST\_SIZE=10000000 # in bytes, ~10 MB
- CONDUIT\_ALLOW\_REGISTRATION=false
- CONDUIT\_ALLOW\_FEDERATION=true
- CONDUIT\_MAX\_CONCURRENT\_REQUESTS=5
- CONDUIT\_ALLOW\_CHECK\_FOR\_UPDATES=true
- CONDUIT\_TRUSTED\_SERVERS=["matrix.org"]
- CONDUIT\_ADDRESS=0.0.0.0
- CONDUIT\_CONFIG="" # Ignore this

labels:

- "traefik.enable=true"
- "traefik.http.routers.matrix.rule=Host(`matrix-domain.t.com`)"
- "traefik.http.routers.matrix.entrypoints=websecure"
- "traefik.http.routers.matrix.tls=true"
- "traefik.http.routers.matrix.middlewares=cors-headers-matrix@docker"
- "traefik.http.services.matrix.loadBalancer.server.port=6167"
- "traefik.docker.network=traefik"
- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowOriginList=\*"
- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowHeaders=Origin, X-Requested-

With, Content-Type, Accept, Authorization"

- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowMethods=GET, POST, PUT, DELETE, OPTIONS"

conduit-well-known:

image: nginx:latest

restart: unless-stopped

networks:

- traefik

volumes:

- /path/to/matrix.conf:/etc/nginx/conf.d/matrix.conf # the config to serve the .well-known/matrix files
- /path/to/www:/var/www/ # location of the client and server .well-known-files

labels:

- "traefik.enable=true"
- "traefik.http.routers.matrix-wellknown.rule=Host(`matrix-domain.com`) && PathPrefix(`/well-known/matrix`)"
- "traefik.http.routers.matrix-wellknown.entrypoints=websecure"
- "traefik.http.routers.matrix-wellknown.tls=true"
- "traefik.http.routers.matrix-wellknown.middlewares=cors-headers-matrix@dockerr"
- "traefik.http.services.matrix-wellknown.loadBalancer.server.port=80"
- "traefik.docker.network=traefik"
- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowOriginList=\*"
- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowHeaders=Origin, X-Requested-With, Content-Type, Accept, Authorization"
- "traefik.http.middlewares.cors-headers-matrix.headers.accessControlAllowMethods=GET, POST, PUT, DELETE, OPTIONS"

element-web:

image: vectorim/element-web:latest

restart: unless-stopped

volumes:

- /path/to/config.json:/app/config.json

networks:

- traefik

depends\_on:

- conduit

labels:

- "traefik.enable=true"
- "traefik.http.routers.element.rule=Host(`element.domain.com`)"
- "traefik.http.routers.element.entrypoints=websecure"
- "traefik.http.routers.element.tls=true"
- "traefik.http.services.element.loadBalancer.server.port=80"
- "traefik.docker.network=traefik"

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