

Deploy Jitsi with Docker + High Quality

here is codeEvery eolab.de has to be changed to your URL.

Prerequisites

- Ubuntu Server 20.04
- Docker and Docker-Compose are installed
- Running NGINX Reverse Proxy
- A SSL certificate for the desired url

Downloading Jitsi

1. `git clone https://github.com/jitsi/docker-jitsi-meet.git`
2. `mv docker-jitsi-meet/ jitsi-meet/`
3. `cd jitsi-meet/`
4. `cp env.example .env`
5. `./gen-passwords.sh`
6. `mkdir -p ~/.jitsi-meet-cfg/{web/letsencrypt,transcripts,prosody,jicofo,jvb,jigasi,jibri}`

Configuring Jitsi

1. `nano .env`
2. make sure it uses an unused port
`HTTP_PORT=8000`
3. set timezone
`TZ=Europe/Berlin`
4. set the later used public URL
`PUBLIC_URL=https://meet.eolab.de`

Configuring NGINX

1. `sudo nano /etc/nginx/sites-available/eolab.de`
2. make sure there is a redirect from HTTP to https (port 80 to 443)
3. add this to the top

```
upstream jitsi {
    server localhost:8000;
}
```

change the port if needed

1. add this to the bottom

```
server {
    listen 443 ssl http2;
    listen [::]:443 ssl http2;
    server_name meet.eolab.de;

    ssl_certificate /etc/letsencrypt/live/meet.eolab.de/fullchain.pem;
    ssl_certificate_key /etc/letsencrypt/live/meet.eolab.de/privkey.pem;
    include snippets/ssl-params.conf;

    add_header Strict-Transport-Security "max-age=31536000; includeSubdomains;
preload";
    add_header X-Xss-Protection "1; mode=block";
    add_header X-Content-Type-Options nosniff;
    add_header Referrer-Policy same-origin;
    proxy_cookie_path / "/; HTTPOnly; Secure";
    add_header Expect-CT "enforce, max-age=21600";
    add_header Feature-Policy "payment none";

    keepalive_timeout 70;
    sendfile on;
    client_max_body_size 0;

    gzip on;
    gzip_disable "msie6";
    gzip_vary on;
    gzip_proxied any;
    gzip_comp_level 6;
    gzip_buffers 16 8k;
    gzip_http_version 1.1;
    gzip_types text/plain text/css application/json application/javascript
text/xml application/xml application/xml+rss text/javascri$

    location / {
        log_not_found off;
        proxy_cache_valid 200 120m;
    }
}
```

```
    proxy_set_header    Host      $http_host;
    proxy_set_header    X-Real-IP $remote_addr;
    proxy_set_header    X-Forwarded-For $proxy_add_x_forwarded_for;
    proxy_set_header    X-Scheme $scheme;
    proxy_pass http://jitsi/;
}

location ~ ^/colibri-ws/([a-zA-Z0-9-\.]+)/(.*) {
    tcp_nodelay on;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection "upgrade";
    proxy_pass http://jitsi/colibri-ws/$1/$2$is_args$args;
}

location /xmpp-websocket {
    tcp_nodelay on;
    proxy_http_version 1.1;
    proxy_set_header Upgrade $http_upgrade;
    proxy_set_header Connection "upgrade";
    proxy_set_header Host $host;
    proxy_pass http://jitsi/xmpp-websocket;
}
}
```

make sure to change:

- server_name
- ssl_certificate and ssl_certificate_key

1. Save and quit the file

2. `sudo systemctl restart nginx`

From:

<https://wiki.eolab.de/> - HSRW EOLab Wiki

Permanent link:

https://wiki.eolab.de/doku.php?id=user:jan001:jitsi_docker&rev=1617288668

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