

Jitsi-Meet

Prerequisites

- This image assumes that you are using a reverse proxy such as [jwilder/nginx-proxy](#) and optionally the [Let's Encrypt Proxy Companion @ https://github.com/JrCs/docker-letsencrypt-nginx-proxy-companion](https://github.com/JrCs/docker-letsencrypt-nginx-proxy-companion) in order to serve your pages.

This is a complex series of images and relies on all packages to be working together. You will also need to open ports on your firewall (See below).

Installation

Automated builds of the image are available on [Docker Hub](#) and is the recommended method of installation.

```
docker pull tiredofit/jitsi-meet docker pull tiredofit/jitsi-prosody docker pull tiredofit/jitsi-videobridge
docker pull tiredofit/jitsi-jicofo
```

Quick Start

The quickest way to get started is using [docker-compose](#). See the examples folder for a working [docker-compose.yml](#) that can be modified for development or production use. All you will need to do is change the `HOST` and `VIRTUAL_HOST, LETSENCRYPT_HOST` variables and the system will automatically generate certificates for you and the system will function.

Set various [environment variables](#) to understand the capabilities of this image.

Map [persistent storage](#) for access to configuration and data files for backup.

Configuration

Data-Volumes

The following directories are used for configuration and can be mapped for persistent storage.

jitsi-prosody

Directory	Description
-----------	-------------

<code>/certs</code>	Needed to Automatically Generate Certificates for other containers
---------------------	--

jitsi-videobridge

Directory	Description
<code>/certs</code>	Needed to share certificates between containers for Self Signed variants

jitsi-jicofo

Directory	Description
<code>/certs</code>	Needed to share certificates between containers for Self Signed variants

jitsi-meet

Directory	Description
<code>/assets/jitsi-meet</code>	Put your custom config.js/interfaceConfig.js in here and it will be added on bootup

Environment Variables

Below is the complete list of available options that can be used to customize your installation.

jitsi-prosody

Parameter	Description
<code>HOST</code>	Hostname of your server e.g. <code>meet.example.com</code> Should be same as all other hostnames
<code>JITSI_VIDEO_PASS</code>	Jitsi Video Bridge Secret e.g. <code>secret3</code>
<code>JICOFO_PASS</code>	Jitsi Conference Focus Secret e.g. <code>secret2</code>

Parameter	Description
JICOFO_USER_PASS	Jitsi Conference Focus User Secret e.g. <code>secret1</code>

jitsi-videobridge

Parameter	Description
HOST	Hostname of your server e.g. <code>meet.example.com</code> Should be same as all other hostnames
PROSODY_HOST	Container Name of your prosody server e.g. <code>prosody</code>
JITSI_VIDEO_PASS	Jitsi Video Bridge Secret e.g. <code>secret3</code>
NETWORK_MODE	Network Mode <code>NAT</code> or <code>HOST</code> - Defaults to <code>NAT</code>

jitsi-jicofo

Parameter	Description
HOST	Hostname of your server e.g. <code>meet.example.com</code> Should be same as all other hostnames
PROSODY_HOST	Container Name of your prosody server e.g. <code>prosody</code>
JICOFO_PASS	Jitsi Conference Focus Secret e.g. <code>secret2</code>
JICOFO_USER_PASS	Jitsi Conference Focus User Secret e.g. <code>secret1</code>

jitsi-meet

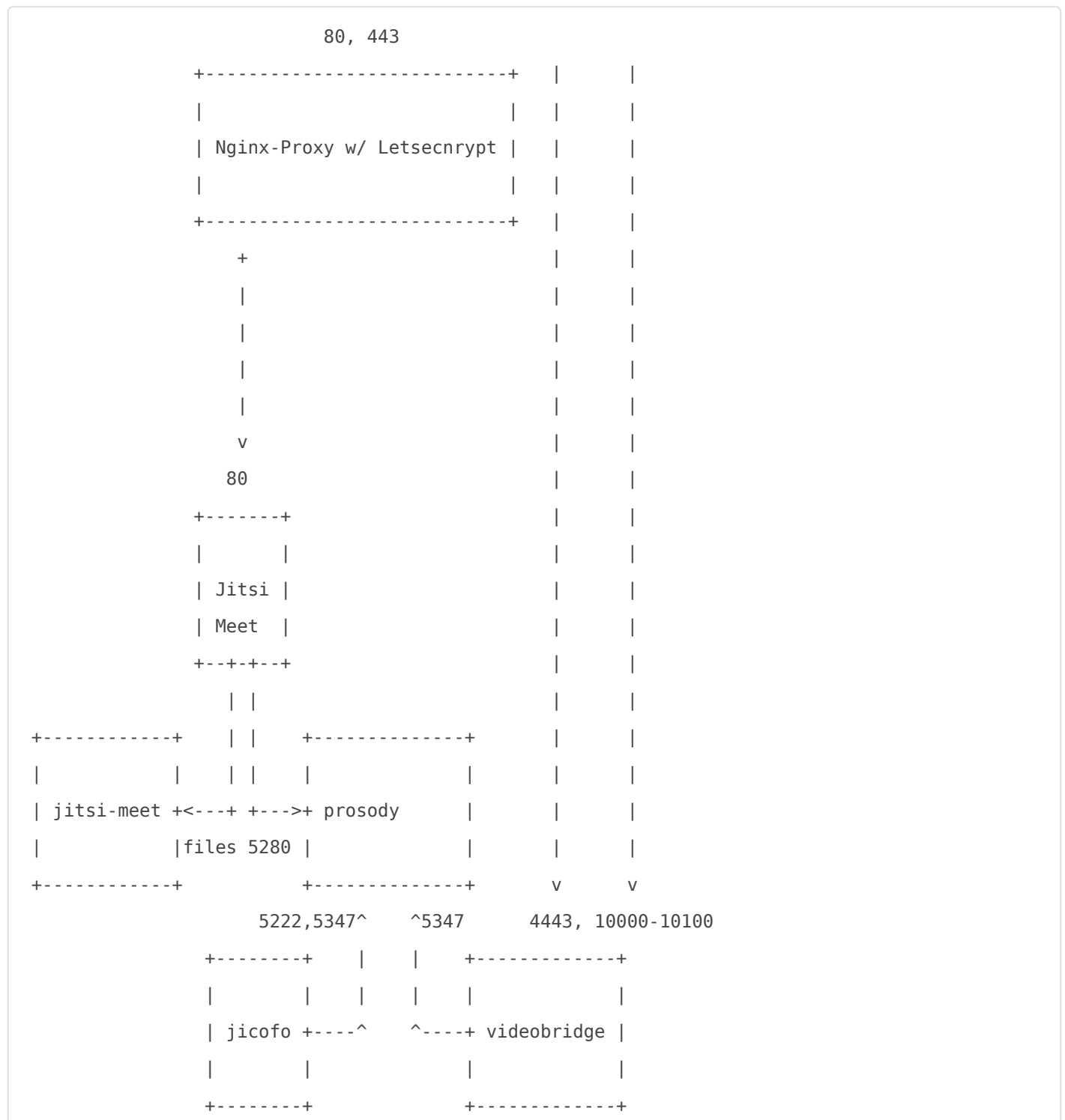
Parameter	Description
PROSODY_HOST	Container Name of your prosody server e.g. <code>prosody</code>

Networking

This set of images relies on network ports being exposed to the outside world. 80, 443 for the initial web proxy (which should already be handled by the `jwilder/nginx-proxy` image) and then you must open port `4443` and `10000-10100/udp` to the outside world otherwise you *will* have issues with video

or audio.

See below diagram:



The following ports are exposed.

jitsi-prosody

Port	Description
5222	Prosody Client Listening Port
5280	Prosody Server Listening Port
5347	Prosody Components

jitsi-videobridge

Port	Description
443	Jitsi Video Bridge Harvester Port
5347	Prosody Components
4443	Jitsi Video Bridge Harvester Port
10000-20000/udp	Web RTC / ICE

jitsi-jicofo

Port	Description
5222	Prosody Client Port
5347	Prosody Components

jitsi-meet

Port	Description
80	Nginx Listening Port
5280	Prosody Server Listening Port

Maintenance

Shell Access

For debugging and maintenance purposes you may want access the containers shell.

`docker exec -it (whatever your container name is e.g. jitsi-meet) bash`

References

- <https://github.com/jitsi/jitsi-meet/blob/master/doc/manual-install.md>

Revision #1

Created 2024-03-01 07:44:20 UTC by Slitzer

Updated 2025-06-01 10:19:38 UTC by Slitzer