

## hack4glarus-2020-winter - Task #8675

### Jitsi - enable vb for livestream/recording

12/04/2020 01:11 PM - Philipp (double-p) Buehler

<b>Status:</b>	Closed	<b>Start date:</b>	12/04/2020
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Philipp (double-p) Buehler	<b>% Done:</b>	90%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>PM Check date:</b>			
<b>Description</b>			

#### History

##### #1 - 12/04/2020 01:35 PM - Philipp (double-p) Buehler

Docs <https://jitsi.org/blog/learn-how-to-live-stream-and-record-on-your-jitsi-meet-install/>

##### #2 - 12/04/2020 01:39 PM - Philipp (double-p) Buehler

<https://github.com/jitsi/jibri>

<https://nerdonthestreet.com/s/15>

Sidenote: this java8 thing seems to be fixed in at least "jibri/stable,now 8.0-61-g99288dc-1"

- full history/log attached

##### #3 - 12/04/2020 04:28 PM - Philipp (double-p) Buehler

please provide a debian 10.6 (buster) VM (and later on some prosody config on the VM for talk.ungleich.ch)

##### #4 - 12/04/2020 04:29 PM - Philipp (double-p) Buehler

ssh-rsa  
AAAAB3NzaC1yc2EAAAADAQABAAQDcUnHhHZFhW+VTkdURDibUTRk4c3ygnBEGHir8YI1itth9zUgGRX7MrQCVImm9RjMqTayZLXjuytbiWfs  
qnPK7qaQh07Rwd1YGNcsLRcGTPHGef6QVhx4tXd7F1IkDAX7NQ5fxAMOXNhKJqI38ZwDeNtz1I83PKwqJsXAXY1YIHLwTIFBHqtKEShPGPtWjMxU  
m4KEDJtFJ5qJ8jJPfGQPc1akSqMVRURjC+C4N0IUwnOkuS4b456+/4xawIvWgbwjE8p1+1Hfa7JPjY+oHb4sC+DAIX+YOMC1c8ugU1Tz8ACP5In/fYi  
AhErulVgVj6776piN78LPjBAVaWXsBx70L pbuehler@ungleich

##### #5 - 12/04/2020 04:29 PM - Nico Schottelius

- VM: 2a0a:e5c0:2:12:0:f0ff:fea9:c4ae
- ssh key added

##### #6 - 12/04/2020 04:49 PM - Nico Schottelius

- Resized to 8GB / 2C

##### #7 - 12/05/2020 04:24 AM - Guifi Pedro

double-p, here you have my ssh key:

ssh-ed25519 AAAAC3NzaC1lZDI1NTE5AAAAIG2v3oOfazBoKiqlQ6WxaphUSE7N6NkPlmAJ2jVjlwXW pedro@ungleich

##### #8 - 12/05/2020 08:54 AM - Philipp (double-p) Buehler

@guidipetro key has been added for 'root'

##### #9 - 12/05/2020 01:03 PM - Philipp (double-p) Buehler

[@Nico Schottelius](#) on the jitsi-meet VM we need following adaptations:

```
in /etc/prosody/prosody.cfg.lua:
===
Component "conference.talk.ungleich.ch" "muc"
modules_enabled = { "muc_mam" }
```

```

Component "internal.auth.talk.ungleich.ch" "muc"
  modules_enabled = {
    "ping";
  }
  storage = "internal"
  muc_room_cache_size = 1000
VirtualHost "recorder.talk.ungleich.ch"
  modules_enabled = {
    "ping";
  }
  authentication = "internal_plain"
===
Following commands:
prosodyctl register jibri auth.talk.ungleich.ch jibriPASS123
prosodyctl register recorder recorder.talk.ungleich.ch recPASS123

Add to /etc/jitsi/jicofo/sip-communicator.properties
===
org.jitsi.jicofo.jibri.BREWERY=JibriBrewery@internal.auth.talk.ungleich.ch
org.jitsi.jicofo.jibri.PENDING_TIMEOUT=90
===
In /etc/jitsi/meet/talk.ungleich.ch-config.js:
===
fileRecordingsEnabled: true,
liveStreamingEnabled: true,
hiddenDomain: 'recorder.talk.ungleich.ch',
===
And to enable above settings:
systemctl restart prosody
systemctl restart jicofo
systemctl restart jitsi-videobridge2

```

**#10 - 12/05/2020 01:08 PM - Philipp (double-p) Buehler**

- % Done changed from 0 to 60

**#11 - 12/05/2020 01:09 PM - Philipp (double-p) Buehler**

- Status changed from New to In Progress

**#12 - 12/05/2020 01:09 PM - Philipp (double-p) Buehler**

- File jibri-install.md added

**#13 - 12/05/2020 01:28 PM - Philipp (double-p) Buehler**

- File deleted (jibri-install.md)

**#14 - 12/05/2020 01:28 PM - Philipp (double-p) Buehler**

- File jibri-install.md added

**#15 - 12/05/2020 02:29 PM - Philipp (double-p) Buehler**

- File pres.html added

**#16 - 12/06/2020 10:31 AM - Philipp (double-p) Buehler**

- File deleted (pres.html)

**#17 - 12/06/2020 10:31 AM - Philipp (double-p) Buehler**

- File pres.html added

**#18 - 12/06/2020 10:34 AM - Philipp (double-p) Buehler**

- % Done changed from 60 to 90

**#19 - 12/06/2020 10:34 AM - Philipp (double-p) Buehler**

All installation+configuration is done - but in the final step to "recognize" jibri is available, it fails:

```

****
2020-12-06 09:27:57.569 FINE: [54] org.jitsi.jibri.selenium.pageobjects.CallPage.apply() Not joined yet: Cannot read property 'isJoined' of undefined
****

```

#20 - 12/06/2020 10:52 AM - Philipp (double-p) Buehler

also tried JDK8 - nope.

#21 - 12/06/2020 01:54 PM - Philipp (double-p) Buehler

nginx:

```
user jibri;
worker_processes auto;
pid /run/nginx.pid;
include /etc/nginx/modules-enabled/*.conf;

events {
    worker_connections 768;
    # multi_accept on;
}

http {
    sendfile on;
    tcp_nopush on;
    tcp_nodelay on;
    keepalive_timeout 65;
    types_hash_max_size 2048;
    # server_tokens off;

    # server_names_hash_bucket_size 64;
    # server_name_in_redirect off;

    include /etc/nginx/mime.types;
    default_type application/octet-stream;

    access_log /var/log/nginx/access.log;
    error_log /var/log/nginx/error.log;

    server {
        listen [::]:80 default_server;

        return 301 https://$host$request_uri;
    }

    server {
        listen [::]:443 ssl http2;

        ssl_certificate /etc/ssl/mycert.pem;
        ssl_certificate_key /etc/ssl/private/mycert.key;
        ssl_session_timeout 1d;
        ssl_session_cache shared:MozSSL:10m; # about 40000 sessions
        ssl_session_tickets off;
        ssl_dhparam /etc/ssl/private/dhparam;

        ssl_protocols TLSv1.2 TLSv1.3;
        ssl_ciphers ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-AES256-GCM-SHA384:EC
DHE-RSA-AES256-GCM-SHA384:ECDHE-ECDSA-CHACHA20-POLY1305:ECDHE-RSA-CHACHA20-POLY1305:DHE-RSA-AES128-GCM-SHA256:
DHE-RSA-AES256-GCM-SHA384;
        ssl_prefer_server_ciphers off;

        root /talkrec;
        location / { autoindex on; }
    }
}
```

#22 - 12/06/2020 03:50 PM - Nico Schottelius

- Status changed from In Progress to Closed

Files

jibri-install.md	4.24 KB	12/05/2020	Philipp (double-p) Buehler
pres.html	3.34 KB	12/06/2020	Philipp (double-p) Buehler