

Requisiti:

### **LATO SERVER**

1. metter su un server virtuale  
(es. CORE virtuali meglio 4, RAM=2GB, DISK=20GB, BANDA=500Mbit/s per reggere 50 client come banda di upload visto dal server, OS=debian, ubuntu, etc.)  
con un indirizzo pubblico es. "[mioserver.com](https://mioserver.com)"

2. loggarsi come "root" su "[mioserver.com](https://mioserver.com)"

# AGGIORNAMENTO SISTEMA OPERATIVO

```
apt update  
apt upgrade
```

# INSTALLAZIONE STRUMENTI

```
apt install gnupg
```

# PRENDI L'ULTIMA VERSIONE STABILE DI jitsi

```
echo 'deb https://download.jitsi.org stable/' >> /etc/apt/sources.list.d/jitsi-stable.list
```

```
wget -qO - https://download.jitsi.org/jitsi-key.gpg.key | apt-key add -
```

```
apt-get update
```

```
apt-get install apt-transport-https
```

```
apt-get -y install jitsi-meet
```

# VERIFICA CHE IL DNS RISOLVE [meet.mioserver.com](https://meet.mioserver.com)

```
host meet.mioserver.com
```

# INSTALLA CERTIFICATO PER HTTPS

```
/usr/share/jitsi-meet/scripts/install-letsencrypt-cert.sh
```

# CREAZIONE STANZE jitsi SOLO PER UTENTI AUTORIZZATI

```
vi /etc/prosody/conf.avail/meet.mioserver.com.cfg.lua
```

```
vi /etc/jitsi/meet/meet.mioserver.com-config.js
```

```
vi /etc/jitsi/jicofo/sip-communicator.properties
```

# CREA UTENTE 'user' e password 'pass'

```
prosodyctl register user meet.mioserver.com pass
```

# AVVIA I 4 SERVIZI

```
systemctl restart jitsi-videobridge.service prosody.service jicofo.service nginx.service
```

# VERIFICA I 4 SERVIZI

```
systemctl status jitsi-videobridge.service prosody.service jicofo.service nginx.service
```

# APRIRE LE PORTE DEL FIREWALL!!!

```
porta TCP 80 (http)
```

```
porta TCP 443 (https)
```

```
porta TCP 4443 (jitsi)
```

```
porta UDP 10000 (videobridge)
```

# TEMA APERTO: [mioserver](https://mioserver.com) FA ACCESSI AL SERVER IN SLOVENIA [jit.si?](https://jit.si/)

### **LATO CLIENT**

- SMARTPHONE / TABLET: installare la app "jitsi meet" e cambiare nelle impostazioni URL=<https://meet.mioserver.com>

- COMPUTER: sul browser (es. firefox) digitare indirizzo <https://meet.mioserver.com>

Allegati: esempi di file \*.lua, \*.js, \*.properties

Esempio di file /etc/prosody/conf.avail/meet.mioserver.com.cfg.lua

```
-- Plugins path gets uncommented during jitsi-meet-tokens package install - that's where token plugin is located
--plugin_paths = { "/usr/share/jitsi-meet/prosody-plugins/" }
```

```
https_ports = { }
```

```
VirtualHost "meet.mioserver.com"
```

```
-- enabled = false -- Remove this line to enable this host
```

```
authentication = "internal_plain"
```

```
-- authentication = "anonymous"
```

```
-- Properties below are modified by jitsi-meet-tokens package config
```

```
-- and authentication above is switched to "token"
```

```
--app_id="example_app_id"
```

```
--app_secret="example_app_secret"
```

```
-- Assign this host a certificate for TLS, otherwise it would use the one
```

```
-- set in the global section (if any).
```

```
-- Note that old-style SSL on port 5223 only supports one certificate, and will always
```

```
-- use the global one.
```

```
ssl = {
```

```
key = "/etc/prosody/certs/meet.mioserver.com.key";
```

```
certificate = "/etc/prosody/certs/meet.mioserver.com.crt";
```

```
}
```

```
-- we need bosh
```

```
modules_enabled = {
```

```
"bosh";
```

```
"pubsub";
```

```
"ping"; -- Enable mod_ping
```

```
}
```

```
c2s_require_encryption = false
```

```
VirtualHost "guest.meet.mioserver.com"
```

```
authentication = "anonymous"
```

```
c2s_require_encryption = false
```

```
Component "conference.meet.mioserver.com" "muc"
```

```
storage = "memory"
```

```
--modules_enabled = { "token_verification" }
```

```
admins = { "focus@auth.meet.mioserver.com" }
```

```
Component "jitsi-videobridge.meet.mioserver.com"
```

```
component_secret = "jT6SAAsl"
```

```
VirtualHost "auth.meet.mioserver.com"
```

```
ssl = {
```

```
key = "/etc/prosody/certs/auth.meet.mioserver.com.key";
```

```
certificate = "/etc/prosody/certs/auth.meet.mioserver.com.crt";
```

```
}
```

```
authentication = "internal_plain"
```

```
Component "focus.meet.mioserver.com"
```

```
component_secret = "3Lhi74n9"
```

Esempio di file /etc/jitsi/meet/meet.mioserver.com-config.js

```
/* eslint-disable no-unused-vars, no-var */

var config = {
  // Connection
  //

  hosts: {
    // XMPP domain.
    domain: 'meet.mioserver.com',

    // When using authentication, domain for guest users.
    // anonymousdomain: 'guest.example.com',
    anonymousdomain: 'guest.meet.mioserver.com',

    // Domain for authenticated users. Defaults to <domain>.
    // authdomain: 'meet.mioserver.com',

    // Jirecon recording component domain.
    // jirecon: 'jirecon.meet.mioserver.com',

    // Call control component (Jigasi).
    // call_control: 'callcontrol.meet.mioserver.com',

    // Focus component domain. Defaults to focus.<domain>.
    // focus: 'focus.meet.mioserver.com',

    // XMPP MUC domain. FIXME: use XEP-0030 to discover it.
    muc: 'conference.meet.mioserver.com'
  },

  // BOSH URL. FIXME: use XEP-0156 to discover it.
  bosh: '//meet.mioserver.com/http-bind',

  // The name of client node advertised in XEP-0115 'c' stanza
  clientNode: 'http://jitsi.org/jitsimeet',

  // The real JID of focus participant - can be overridden here
  // focusUserJid: 'focus@auth.meet.mioserver.com',

  // Testing / experimental features.
  //

  testing: {
    // Enables experimental simulcast support on Firefox.
    // Enables experimental simulcast support on Firefox.
    enableFirefoxSimulcast: false,

    // P2P test mode disables automatic switching to P2P when there are 2
    // participants in the conference.
    p2pTestMode: false

    // Enables the test specific features consumed by jitsi-meet-torture
    // testMode: false

    // Disables the auto-play behavior of *all* newly created video element.
    // This is useful when the client runs on a host with limited resources.
    // noAutoPlayVideo: false
  },
  [...]
}
```

(il resto del file è stato lasciato invariato)

Esempio di file /etc/jitsi/jicofo/sip-communicator.properties

org.jitsi.jicofo.auth.URL=XMPP:meet.mioserver.com