

# journalctl-remote

/via: <https://www.digitalocean.com/community/tutorials/how-to-centralize-logs-with-journald-on-ubuntu-20-04-es>

/via: <https://serverfault.com/questions/758244/how-to-configure-systemd-journal-remote>

## basico

```
sudo apt update -y && sudo apt upgrade -y
sudo apt install systemd-journal-remote
```

## servidor

- instalar servicios:

```
sudo systemctl enable --now systemd-journal-remote.socket
sudo systemctl enable systemd-journal-remote.service

# si ufw
sudo ufw allow in 19532/tcp
sudo ufw allow in 80/tcp # solo si vamos a usar Let's Encrypt
```

## con certificados

- conseguir certificados [Let's Encrypt](#)
- [/etc/systemd/journal-remote.conf](#)

```
[Remote]
Seal=false # true, firma los datos de registro en el diario.
SplitMode=host # false, todos los registros en un único archivo
ServerKeyFile=/etc/letsencrypt/live/server.your_domain/privkey.pem
ServerCertificateFile=/etc/letsencrypt/live/server.your_domain/fullchain.
pem
TrustedCertificateFile=/etc/letsencrypt/live/server.your_domain/letsencry
pt-combined-certs.pem
```

- ```
sudo chmod 0755 /etc/letsencrypt/{live,archive}
sudo chmod 0640 /etc/letsencrypt/live/server.your_domain/privkey.pem
sudo chgrp systemd-journal-remote
/etc/letsencrypt/live/server.your_domain/privkey.pem
```

## sin certificados

- ubicación fichero puerto escucha: **/etc/systemd/system/sockets.target.wants/systemd-journal-remote.socket**

- protocolo:

```
sudo cp /lib/systemd/system/systemd-journal-remote.service
/etc/systemd/system/
```

- cambiar --listen-https=-3 por --listen-http=-3

[/etc/systemd/system/systemd-journal-remote.service](#)

```
[Unit]
Description=Journal Remote Sink Service
Documentation=man:systemd-journal-remote(8) man:journal-remote.conf(5)
Requires=systemd-journal-remote.socket

[Service]
ExecStart=/etc/systemd/systemd-journal-remote \
    --listen-http=-3 \
    --output=/var/log/journal/remote/
User=systemd-journal-remote
Group=systemd-journal-remote
PrivateTmp=yes
PrivateDevices=yes
PrivateNetwork=yes
WatchdogSec=3min

[Install]
Also=systemd-journal-remote.socket
```

- output permitiría cambiar la ubicación de los archivos remotos

## continuación server

```
sudo mkdir /var/log/journal/remote
sudo chown systemd-journal-remote /var/log/journal/remote

sudo systemctl daemon-reload
sudo systemctl start systemd-journal-remote.service
```

## cliente

- `sudo adduser --system --home /run/systemd --no-create-home --disabled-login --group systemd-journal-upload`

## con certificados

- conseguir certificados [Let's Encrypt](#)

```
sudo chmod 0755 /etc/letsencrypt/{live,archive}
sudo chmod 0640 /etc/letsencrypt/live/client.your_domain/privkey.pem
```

```
sudo chgrp systemd-journal-upload  
/etc/letsencrypt/live/client.your_domain/privkey.pem
```

- [/etc/systemd/journal-upload.conf](#)

```
[Upload]  
URL=https://server.your_domain:19532  
ServerKeyFile=/etc/letsencrypt/live/client.your_domain/privkey.pem  
ServerCertificateFile=/etc/letsencrypt/live/client.your_domain/fullchain.  
pem  
TrustedCertificateFile=/etc/letsencrypt/live/client.your_domain/letsencry  
pt-combined-certs.pem
```

## sin certificados

- [/etc/systemd/journal-upload.conf](#)

```
[Upload]  
URL=http://server.your_domain:19532  
#ServerKeyFile=/etc/letsencrypt/live/client.your_domain/privkey.pem  
#ServerCertificateFile=/etc/letsencrypt/live/client.your_domain/fullchain  
.pem  
#TrustedCertificateFile=/etc/letsencrypt/live/client.your_domain/letsencr  
ypt-combined-certs.pem
```

## continuación cliente

```
sudo systemctl enable systemd-journal-upload.service  
sudo systemctl restart systemd-journal-upload.service
```

## verificación

- on server:

```
sudo ls -la /var/log/journal/remote/  
sudo journalctl --file=/var/log/journal/remote/client.your_domain.journal
```

- on client:

```
sudo logger -p syslog.debug "### TEST MESSAGE from client.your_domain ###"
```

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