

# fd

- [Installing](#)

# Installing

```
rm -rf /usr/share/keyrings/ltb-project-openssl-archive-keyring.gpg /etc/apt/sources.list.d/sury-php.list
/etc/apt/sources.list.d/ltb.list /etc/apt/sources.list.d/ltb2.list /etc/apt/trusted.gpg.d/sury-php.gpg

apt update
apt install -y curl gpg

curl https://ltb-project.org/documentation/_static/RPM-GPG-KEY-LTB-project | gpg --dearmor >
/usr/share/keyrings/ltb-project-openssl-archive-keyring.gpg

wget -O- https://ltb-project.org/documentation/_static/RPM-GPG-KEY-LTB-project | gpg --dearmor | sudo tee
/usr/share/keyrings/ltb-project.gpg >/dev/null

wget -qO - https://packages.sury.org/php/apt.gpg | sudo tee /etc/apt/trusted.gpg.d/sury-php.gpg > /dev/null

echo "deb [arch=amd64 signed-by=/usr/share/keyrings/ltb-project.gpg] https://ltb-project.org/debian/stable
stable main" | sudo tee /etc/apt/sources.list.d/ltb.list
echo "deb [arch=amd64 signed-by=/usr/share/keyrings/ltb-project-openssl-archive-keyring.gpg] https://ltb-
project.org/debian/stable stable main" | sudo tee /etc/apt/sources.list.d/ltb2.list

echo "deb https://packages.sury.org/php/ $(lsb_release -sc) main" | sudo tee /etc/apt/sources.list.d/sury-php.list

apt install -y software-properties-common apt-transport-https ca-certificates
apt update

project.gpg >/dev/null
```

```
gpg --keyserver keys.openpgp.org --recv-key 0xFE0FEAE5AC483A86
gpg --export -a "FusionDirectory Packages Signing Key <contact@fusiondirectory.org>" > FD-archive-key
apt-key add FD-archive-key
apt update
```

```
echo "#fusiondirectory integrator \  
deb https://public.fusiondirectory.org/debian/fusiondirectory-integrator/ bullseye main \  
#fusiondirectory utilities \  
deb https://public.fusiondirectory.org/debian/fusiondirectory-utilities/ bullseye main \  
#fusiondirectory tools \  
deb https://public.fusiondirectory.org/debian/fusiondirectory-tools/ bullseye main \  
#fusiondirectory libraries \  
deb https://public.fusiondirectory.org/debian/fusiondirectory-external-libraries/ bullseye main \  
#fusiondirectory repository \  
deb https://public.fusiondirectory.org/debian/bullseye-fusiondirectory-release/ bullseye main" | sudo tee  
/etc/apt/sources.list.d/fd.list
```

```
apt install -y php7.4-common php7.4-ldap php7.4-xml php-cas php7.4-gd php7.4-curl \  
php-fpdf php7.4-imagick php7.4-imap php7.4-mbstring php-gettext-languages php8.4-ldap php8.4-xml
```

```
apt install -y slapd  
dpkg-reconfigure slapd
```

```
apt-get install -y fusiondirectory fusiondirectory-schema fusiondirectory-plugin-mail-schema fusiondirectory-  
plugin-mail php-ldap php-mbstring php-xml php-curl php-json fusiondirectory-plugin-dsa fusiondirectory-plugin-  
dsa-schema
```

```
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/core-fd.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/core-fd-conf.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/ldapns.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/template-fd.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/mail-fd.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/mail-fd-conf.schema  
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/dsa-fd-conf.schema  
  
systemctl restart apache2 slapd
```

```
apt install -y self-service-password
```

```
apt install -y libapache2-mod-php7.4
a2enmod php7.4
a2dismod php8.3
a2dismod php7.3

systemctl restart apache2
```

go to <http://SERVER-IP/fusiondirectory>

do your config....

<https://gitlab.fusiondirectory.org/fusiondirectory/fd/-/issues/4761>

<https://github.com/ltb-project/self-service-password/issues/243>

STILL TODO :

finish this <https://self-service-password.readthedocs.io/en/stable/index.html>

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openldap/slapd part :

```
apt update
apt install -y curl gpg software-properties-common apt-transport-https ca-certificates
apt update
apt install -y slapd
sudo dpkg-reconfigure slapd
```

-----

php part

```
wget -qO - https://packages.sury.org/php/apt.gpg | sudo tee /etc/apt/trusted.gpg.d/sury-php.gpg > /dev/null
echo "deb https://packages.sury.org/php/ $(lsb_release -sc) main" | sudo tee /etc/apt/sources.list.d/sury-php.list
apt update
apt install -y php7.4-common php7.4-ldap php7.4-xml php-cas php7.4-gd php7.4-curl \
php-fpdf php7.4-imagick php7.4-imap php7.4-mbstring php-gettext-languages php8.4-ldap php8.4-xml
```

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fusion directory

```
gpg --keyserver keys.openpgp.org --recv-key 0xFE0FEAE5AC483A86
gpg --export -a "FusionDirectory Packages Signing Key <contact@fusiondirectory.org>" > FD-archive-key
apt-key add FD-archive-key

echo "#fusiondirectory integrator
deb https://public.fusiondirectory.org/debian/fusiondirectory-integrator/ bullseye main
#fusiondirectory utilities
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#fusiondirectory tools
deb https://public.fusiondirectory.org/debian/fusiondirectory-tools/ bullseye main
#fusiondirectory libraries
deb https://public.fusiondirectory.org/debian/fusiondirectory-external-libraries/ bullseye main
#fusiondirectory repository
deb https://public.fusiondirectory.org/debian/bullseye-fusiondirectory-release/ bullseye main" | sudo tee
/etc/apt/sources.list.d/fd.list

apt update

apt-get install -y fusiondirectory fusiondirectory-schema fusiondirectory-plugin-mail-schema fusiondirectory-
plugin-mail php-ldap php-mbstring php-xml php-curl php-json fusiondirectory-plugin-dsa fusiondirectory-plugin-
dsa-schema

fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/core-fd.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/core-fd-conf.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/ldapns.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/template-fd.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/mail-fd.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/mail-fd-conf.schema
fusiondirectory-schema-manager --insert-schema /etc/ldap/schema/fusiondirectory/dsa-fd-conf.schema

systemctl restart apache2 slapd
```

```
apt install -y libapache2-mod-php7.4
a2enmod php7.4
a2dismod php8.3

systemctl restart apache2
```

go to <http://SERVER-IP/fusiondirectory>

do your config....

can be useful :

<https://gitlab.fusiondirectory.org/fusiondirectory/fd/-/issues/4761>

<https://github.com/ltb-project/self-service-password/issues/243>