

Firefly iii(?????????)

?????????Firefly iii???

- [Fifefly iii ????????](#)
 - [Ubuntu 20.04?firefly-iii???????\(PHP8.1???\)](#)
 - [Ubuntu24.04?firefly-iii???????\(php8.3???\)](#)
- [Fifefly iii ??????](#)
 - [Firefly-iii???????\(6.1.2?6.2.1\)](#)

Fifefly iii ????????

Fifefly iii ???????

Ubuntu 20.04?firefly-iii?????(PHP8.1???)

??

????????????????????????????

<https://www.firefly-iii.org/>

????????????

????????????????

??????????

????????????????????????(????????)

??

????????????

- Ubuntu 20.04
- Apache 2.4
- MySQL 8.3
- PHP 8.1
- Composer 2.6.5
 - [??????](#)

????????????

- ?????????????DNS??
- ?????????

??????????

1. ?????????
2. composer????????
3. DB????
4. .env????
5. DB????????
6. ?????????
7. Apache?Web?????
8. ??????

Firefly III ??????

- ??????

```
cd /home/www-data
```

Web????????????

- ?????????

```
sudo -u www-data git clone https://github.com/firefly-iii/firefly-iii.git -b 5.7.9
```

?PHP8.1????????????

- ??????

```
ls -ld firefly-iii
```

????????????Web?????(www-data)????????

Firefly III ??????

- ??????

```
cd firefly-iii && pwd
```

- Composer?????

```
sudo -u www-data composer install --no-dev --prefer-dist
```

????????????

DB??

- mysql????

```
mysql -u root -p
```

- DB??

```
CREATE DATABASE firefly character set utf8mb4;
```

```
CREATE USER 'firefly'@'localhost' IDENTIFIED BY 'password';
```

```
GRANT ALL PRIVILEGES ON firefly.* TO 'firefly'@'localhost';
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

????????????????????

.env??

- .env???????

```
sudo cp -pi .env.example .env
```

- ?????
 - .env ???????????????????

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=firefly
DB_USERNAME=firefly
DB_PASSWORD=your_password
```

????????????????DB???????

DB???????

```
sudo -u www-data php artisan firefly-iii:upgrade-database
```

```
sudo -u www-data php artisan firefly-iii:correct-database
```

```
sudo -u www-data php artisan firefly-iii:report-integrity
```

```
sudo -u www-data php artisan passport:install
```

????????????????

- ???????

```
sudo mkdir /var/log/firefly
```

- ???????????

```
sudo chown -R www-data www-data /var/log/firefly
```

- ?????????

```
ls -ld /var/log/firefly
```

Apache??

- ?????????
 - /etc/apache2/sites-available/firefly-iii.conf
 - ?????????????????????????

```
cat <<- __EOF__ | sudo tee -a /etc/apache2/sites-available/firefly-iii.conf
<VirtualHost *:80>
    servername [bank.example.com]
    # [ ]
    RewriteEngine On
        RewriteCond %{HTTPS} off
        RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
    # HTTP[ ]HTTPS[ ]
</VirtualHost>

<VirtualHost *:443>
    ServerName [bank.example.com]
    # [ ]
    CustomLog [var/log/firefly/firefly_access.log] combined
    ErrorLog [var/log/firefly/firefly_error.log]
    DocumentRoot [home/www-data/firefly-iii/public]
    # [ ]
    <Directory [home/www-data/firefly-iii/public]>
        # [ ]
        AllowOverride All
        Require all granted
    </Directory>

    #SSL[ ]
    SSLEngine on
    Protocols h2 http/1.1
    # SSL[ ]

    SSLCertificateFile [etc/certs/bank.example.com.crt]
    # SSL[ ]
    SSLCertificateKeyFile [etc/private/bank.example.com.key]
    # [ ]
```

```
# SSLCertificateFile /etc/certs/bank.example.com.crt
#
#

Header always set Strict-Transport-Security "max-age=63072000"
Header set X-Content-Type-Options "nosniff"
Header always append X-Frame-Options "SAMEORIGIN"
Header set X-XSS-Protection "1; mode=block"

</VirtualHost>

SSLProtocol          all -SSLv3 -TLSv1 -TLSv1.1 -TLSv1.2
SSLCipherSuite        ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-
AES256-GCM-SHA384:EC6-GCM-SHA384
SSLHonorCipherOrder   off
SSLSessionTickets     off

SSLUseStapling On
SSLStaplingCache "shmcb:logs/ssl_stapling(32768)"
__EOF__
```

????

- ????

```
sudo a2ensite firefly-iii.conf
```

- Web???????

```
sudo systemctl restart apache2
```

????????

???URL????????bank.example.com)

Firefly|||

Register a new account

☒ Verify password security [?](#)

Register

[I want to login](#)

[I forgot my password](#)

- Email address
- ?????16????

?????Register???????

?????(????????????)????????????????????

Fifefly iii ???????

Ubuntu24.04?firefly-iii?????(php8.3???)

??

????????????????????????????

<https://www.firefly-iii.org/>

????????????

????????????????

??????????

????????????????????????(????????)

??

????????????

- Ubuntu 20.04
- Apache 2.4
- MySQL 8.3
- PHP 8.3
- Composer 2.7.9
 - [??????](#)

????????????

- ?????????????DNS??
- ?????????

??????????

1. ?????????
2. composer????????
3. DB????
4. .env????
5. DB????????
6. ?????????
7. Apache?Web????
8. ??????

Firefly III ???????

- ???????

```
cd /home/www-data
```

Web????????????????

- ???????????

```
git clone https://github.com/firefly-iii/firefly-iii.git -b v6.1.19
```

?PHP8.3????????????????

- ???????

```
ls -ld firefly-iii
```

????????????????Web?????(www-data)????????????

DB??

- mysql???

```
mysql -u root -p
```

- DB??

```
CREATE DATABASE firefly character set utf8mb4;
```

```
CREATE USER 'firefly'@'localhost' IDENTIFIED BY 'password';
```

```
GRANT ALL PRIVILEGES ON firefly.* TO 'firefly'@'localhost';
```

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

????????????????????

.env??

- .env????????

```
sudo cp -pi .env.example .env
```

- ??????
 - .env ?????????????????????

```
DB_CONNECTION=mysql
DB_HOST=127.0.0.1
DB_PORT=3306
DB_DATABASE=firefly
DB_USERNAME=firefly
DB_PASSWORD=your_password
```

????????????????DB????????

DB????????

```
sudo -u www-data php artisan firefly-iii:upgrade-database
```

```
sudo -u www-data php artisan firefly-iii:correct-database
```

```
sudo -u www-data php artisan firefly-iii:report-integrity
```

```
sudo -u www-data php artisan passport:install
```

????????????????

- ???????

```
sudo mkdir /var/log/firefly
```

- ?????????

```
sudo chown -R www-data www-data /var/log/firefly
```

- ?????????

```
ls -ld /var/log/firefly
```

Apache??

- ?????????
 - /etc/apache2/sites-available/firefly-iii.conf
 - ?????????????????????

```
cat <<- __EOF__ | sudo tee -a /etc/apache2/sites-available/firefly-iii.conf
<VirtualHost *:80>
```

```
servername [bank.example.com]
# [ ]
RewriteEngine On
    RewriteCond %{HTTPS} off
    RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
# HTTP[ ]HTTPS[ ]
</VirtualHost>
```

```
<VirtualHost *:443>
    ServerName [bank.example.com]
    # [ ]
    CustomLog [var/log/firefly/firefly_access.log] combined
    ErrorLog [var/log/firefly/firefly_error.log]
    DocumentRoot [/home/www-data/firefly-iii/public]
    # [ ]
    <Directory [/home/www-data/firefly-iii/public]>
        # [ ]
        AllowOverride All
        Require all granted
    </Directory>
```

```
#SSL[ ]
SSLEngine on
    Protocols h2 http/1.1
# SSL[ ]
```

```
SSLCertificateFile [/etc/certs/bank.example.com.crt]
# SSL[ ]
SSLCertificateKeyFile [/etc/private/bank.example.com.key]
# [ ]
```

```
# SSLCACertificateFile [/etc/certs/bank.example.com.crt]
# [ ]
```

```
# [ ]
```

```
Header always set Strict-Transport-Security "max-age=63072000"
Header set X-Content-Type-Options "nosniff"
Header always append X-Frame-Options "SAMEORIGIN"
Header set X-XSS-Protection "1; mode=block"
```

</VirtualHost>

```
SSLProtocol          all -SSLv3 -TLSv1 -TLSv1.1 -TLSv1.2
SSLCipherSuite       ECDHE-ECDSA-AES128-GCM-SHA256:ECDHE-RSA-AES128-GCM-SHA256:ECDHE-ECDSA-
AES256-GCM-SHA384:EC6-GCM-SHA384
SSLHonorCipherOrder  off
SSLSessionTickets    off

SSLUseStapling On
SSLStaplingCache "shmcb:logs/ssl_stapling(32768)"
__EOF__
```

???

- ???

```
sudo a2ensite firefly-iii.conf
```

- Web??????

```
sudo systemctl restart apache2
```

????????

???URL????????????bank.example.com)



Firefly III

Sign in to start your session



☐ Remember me

Sign in

[I forgot my password](#)

Firefly|||

Register a new account

☒ Verify password security [?](#)

Register

[I want to login](#)

[I forgot my password](#)

- Email address
- ?????16????

?????Register???????

?????(?????????????)????????????????????

Fifefly iii ??????

Fifefly iii ?????

Firefly-iii???????(6.1.2?6.2.1)

LAMP?????????firefly-iii?6.1.2?6.2.1????????????

?:[Upgrade a self-managed server/Firefly III documentation](#)

??

- Ubuntu 24.04
- Apache 2.4
- MySQL 8.0.39
- PHP 8.3.12
- Composer 2.7.9
- firefly-iii 6.1.2

?????????

1. DB????????
2. ?????????????????
3. ???firefly-iii????
4. ???firefly-iii????/????????
5. ?????????

DB??????

- ?????????

```
cd /hoge && pwd
```

????????????

- DB????

```
mysqldump --no-tablespaces --single-transaction -u username -h localhost -p database_name >
DB_Backup.$(date +%Y%m%d).sql
```

username ? database_name ??? DB_Backup ?????????

- ?????

```
head -100 DB_Backup.$(date +%Y%m%d).sql
```

????????????SQL????????

???????

- ?????????

```
cd /hoge && pwd
```

????????????????

- wget

```
wget https://github.com/firefly-iii/firefly-iii/releases/download/v6.1.21/FireflyIII-v6.1.21.zip
```

- ????????

```
sudo chown www-data:www-data FireflyIII-v6.1.21.zip
```

- ??????

```
ls -l FireflyIII-v6.1.21.zip
```

????????????Web????????(www-data)????????????

????????firefly-iii???

- ?????????

```
sudo mv /home/www-data/firefly-iii /home/www-data/firefly-iii.$(date +%Y%m%d)
```

????????firefly-iii????????????????????????

- ????

```
ls -ld /home/www-data/firefly-iii
```

? ??????????

```
ls -ld /home/www-data/firefly-iii.$(date +%Y%m%d)
```

? ??????????

????????????????

- ??

```
sudo -u www-data unzip -o /hoge/FireflyIII-v6.1.21.zip -x "storage/*" -d /home/www-data/firefly-iii
```

/hoge ?????????????????????????????????

- ??????

```
ls -l /home/www-data/firefly-iii
```

?????????www-data????????????

????????????????????

- ?????????????

```
cd /home/www-data/firefly-iii.$(date +%Y%m%d) && pwd
```

????????????

- `.env` ???????

```
sudo cp -pi .env /home/www-data/firefly-iii/.env
```

????????????????????

- `.env` ???????

```
ls -l /home/www-data/firefly-iii/.env
```

????????????????

- storage????????

```
sudo cp -pir storage /home/www-data/firefly-iii/
```

- storage????????

```
ls -l /home/www-data/firefly-iii/storage
```

????????????????

???????

- ?????????????

```
cd /home/www-data/firefly-iii && pwd
```

????????????????

- DB??????

```
sudo -u www-data php artisan migrate --seed
```

Yes????????????

- ????

```
sudo -u www-data php artisan firefly-iii:decrypt-all
```

- ??????????????

```
sudo -u www-data php artisan cache:clear
```

- ??????????????????

```
sudo -u www-data php artisan view:clear
```

- DB??????

```
sudo -u www-data php artisan firefly-iii:upgrade-database
```

- Laravel assport????

```
sudo -u www-data php artisan firefly-iii:laravel-passport-keys
```

????????????

- Web??????

```
sudo systemctl restart apache2.service
```

- Web????????

```
systemctl status apache2.service
```

- ???????

1. ?????????firefly-iii????????????????
2. ?????????????
3. ?????????????????
4. ?????????????

?????????:mysqldump???

- ???????DB??

```
cd /hoge && pwd
```

mysqldump????????????

- dump??

```
rm DB_Backup.$(date +%Y%m%d).sql
```

- ?????????

```
head -100 DB_Backup.$(date +%Y%m%d).sql
```

????????????????

????????????????????????

- ?????????????

```
ls -ld /home/www-data/firefly-iii.$(date +%Y%m%d)
```

????????????????????????????

- ?????????????

```
[ -d "/home/www-data/firefly-iii.$(date +%Y%m%d)" ] && sudo rm -rf "/home/www-data/firefly-iii.$(date +%Y%m%d)"
```

????????????????????????????

- ?????????????

```
ls -l /home/www-data/firefly-iii.$(date +%Y%m%d)
```

????????????????