

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

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

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

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

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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__
```

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- ???

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

- Web??????

```
sudo systemctl restart apache2
```

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???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????????

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Revision #1

Created 8 September 2024 11:19:27 by manualmaton

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