

Snipe-IT

???????Snipe-IT?

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

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- [Ubuntu 22.04\(24.04\)?Snipe-IT???????](#)
- [Snipe-IT?v6.3.3??v6.3.4?????????](#)
- [Snipe-IT?????????????\(Ubuntu20.04/v6?Ubuntu24.04/v7\)](#)

Ubuntu 22.04(24.04)?Snipe-IT??????

Ubuntu 22.04????????Snipe-IT?????????
? Ubuntu 24.04????????

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- Ubuntu 22.04
 - ??Ubuntu 24.04
- Apache 2.4
- php 8.1
 - Ubuntu 24.04???8.3
- composer
 - [???????](#)
- mysql

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

??????????

1. Snipe-IT??DB??????
2. Snipe-IT???????????
3. Composer??????????????
4. Apache??????????
5. Web??????????????????

??

- Web????SSH/??????????????
- Apache????www-data??????????????

MySQL?DB??

- ?????????

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

- DB??

```
CREATE DATABASE snipeit character set utf8mb4;
```

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

```
??'password'????????????????
```

```
GRANT ALL ON snipeit.* TO 'snipeit'@'localhost';
```

```
flush privileges;
```

```
exit
```

- DB???
- ??????????????????????

```
mysql -u snipeit -p
```

- DB??

```
SHOW DATABASES;
```

```
snipeit???????
```

- ????

```
exit
```

```
???????
```

- Web????????????????

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

```
????????????
```

- ??????

```
sudo -u www-data git clone https://github.com/snipe/snipe-it snipe-it
```

- ???????

```
cd snipe-it
```

- .env???

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

- .env??

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

- ????

```
APP_URL=http://[ ]
```

snipe-it????????

```
APP_TIMEZONE='Asia/Tokyo'
```

????????

```
DB_DATABASE=snipeit
```

```
DB_USERNAME=snipeit
```

```
DB_PASSWORD=
```

DB?/???/????????DB????????

???.env????

composer?snipe-it????

- ?????????

```
sudo -u www-data composer update --no-plugins --no-scripts
```

- ?????

```
sudo -u www-data composer install --no-dev --prefer-source --no-plugins --no-scripts
```

- APP???

```
sudo -u www-data php artisan key:generate
```

????????yes????

????????

- ?????????

```
sudo mkdir -p /var/log/snipeit
```

????????

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

```
sudo chown -R www-data:www-data /var/log/snipeit
```

- ?????????
 - Snipe-IT????????
 - ?????????????????????

```
cat <<- __EOF__ | sudo tee -a /etc/apache2/sites-available/snipeit.conf
```

```
<VirtualHost *:80>
```

```
# [redacted]
```

```
servername [redacted]hoge.example.com[redacted]
```

```
# HTTP[redacted]HTTPS[redacted]
```

```
RewriteEngine On
```

```
    RewriteCond %{HTTPS} off
```

```
    RewriteRule ^(.*)$ https://%{HTTP_HOST}%{REQUEST_URI} [R=301,L]
```

```
</VirtualHost>
```

```
<VirtualHost *:443>
```

```
# [redacted]
```

```
ServerName [redacted]hoge.example.com[redacted]
```

```
# [redacted]
```

```
CustomLog /var/log/snipeit/snipeit_access.log combined
```

```
ErrorLog /var/log/snipeit/snipeit_error.log
```

```
# Snipe-IT[redacted]
```

```
DocumentRoot [redacted]/home/www-data/snipe-it/public[redacted]
```

```
<Directory [redacted]/home/www-data/snipe-it/public[redacted]>
```

```
    Options -MultiViews
```

```
    AllowOverride All
```

```
    Require all granted
```

```
</Directory>
```

```
#SSL[redacted]
```

```
SSLEngine on
```

```
Protocols h2 http/1.1
```

```
# SSL[redacted]
```

```
SSLCertificateFile [redacted]/etc/certs/hoge.example.com.crt[redacted]
```

```
# [redacted]
```

```
SSLCertificateKeyFile [redacted]/etc/private/hoge.example.com.key[redacted]
```

```
# [redacted]
# SSLCACertificateFile /etc/certs/hoge.example.com.CA.crt
```

```
# [redacted]
```

```
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>
```

```
# [redacted]SSL[redacted]
# </VirtualHost>[redacted]
```

```
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 snipeit.conf
```

- ?????????

```
sudo apache2ctl configtest
```

Syntax OK?????

- apache??

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

Web????????

????

https://????URL

?????????

Pre-Flight Check

This page will do a system check to make sure your configuration looks correct. We'll add your first user on the next page.

Setting	Valid	Notes
PHP	✓	Yay! You're running PHP version 8.1.27. (7.4.0 or greater is required.)
URL	✓	That URL looks right! Good job!
Database	✓	Great work! Connected to <code>snipeit</code>
Config File	✓	Sweet. It doesn't look like your <code>.env</code> file is exposed to the outside world. (You should double check this in a browser though. You don't ever want anyone able to see that file. Ever. Ever ever.) Click here to check now (This should return a file not found or forbidden error.)
Environment	✓	Your app is set to production mode. Rock on!
File Owner	✓	Your app files are owned by <code>www-data</code> . That doesn't look like a default root/admin account. Nice!
Permissions	✓	Yippee! Your app storage directory seems writable.
Debug	✓	Awesomesauce. Debug is either turned off, or you're running this in a non-production environment. (Don't forget to turn it off when you're ready to go live.)
Image Library	✓	GD is installed. Go you!
Email	<div>Send Test</div>	This will attempt to send a test mail to you@example.com.

Next: Create Database Tables

?????????????Next:Create Database Tables???????????

Create Database Tables

✓ Your database tables have been created

Migration output:

Databases installed!

Next: Create User

?Next: Create User???????????

Create a User

This is the account information you will use to access the site for the first time.

Site Name

Snipe-IT Asset Management

Default Language

English, US

Default Currency

USD

☐ Generate auto-incrementing asset tags

☐ Full Multiple Companies Support

Prefix (optional)

Length of asset tags, including zerofill

5

Email Domain

example.com

This is used to generate email addresses when importing

Email Format

First Initial Last Name (jsmith@example.com)

First Name

Jane

Last Name

Smith

Email

you@example.com

Username

jsmith

Password

Confirm Password

☐ Email my credentials to the email address above

Next: Save User

Dashboard

0assetsview all

0licensesview all

0accessoriesview all

0consumablesview all

This is your dashboard. There are many like it, but this one is yours.

It looks like you have not added anything yet, so we do not have anything awesome to display. Get started by adding some assets, accessories, consumables, or licenses now!

New Asset

New License

New Accessory

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Snipe-IT?v6.3.3??v6.3.4??????????

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???????Snipe-IT????????????????

- ??????:v6.3.3
- ??????:v6.3.4

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- Ubuntu 22.04
- Apache 2.4
- MySQL 8.0.36
- PHP 8.1.27
- Composer 2.6.6

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<https://snipe-it.readme.io/docs/upgrading>

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Snipe-IT????????????????????????

1. Snipe-IT????????????????????
2. ?????????????????????
3. ?????????????????????
4. ?????????????????????

Snipe-IT????????????????????

```
cd /home/www-data/snipe-it
```

??????????

????????

```
sudo -u www-data touch ./storage/app/backup-temp
```

- ?????????????????????????
- Snipe-IT?Apache????????????????????

??????

```
sudo -u www-data php upgrade.php
```

?????

```
-----  
WELCOME TO THE SNIPE-IT UPGRADER!  
-----  
  
This script will attempt to:  
  
- validate some very basic .env file settings  
- check your PHP version and extension requirements  
- check directory permissions  
- do a git pull to bring you to the latest version  
- run composer install to get your vendors up to date  
- run migrations to get your schema up to date  
- clear out old cache settings  
  
Launching using branch: master  
Found PHP requirements, will check for PHP > 7.4.0 and < 8.2.0  
Proceed with upgrade? [Y/n]:
```

?????????PHP?????????y??????

(?)

```
-----  
STEP 9: Migrating database:  
-----  
  
Migrating: 2024_03_18_221612_update_legacy_locale  
Migrated: 2024_03_18_221612_update_legacy_locale (154.60ms)  
  
-----  
STEP 10: Checking for OAuth keys:  
-----  
  
√ OAuth keys detected. Skipping passport install.  
-----
```

STEP 11: Taking application out of maintenance mode:

-- Application is now live.

----- FINISHED! -----

All done! Clear your browser cookies and re-login to use
your upgraded Snipe-IT!

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1. ?????Snipe-IT????????????????????
2. Web????????????????????

Snipe-IT????????????(Ubuntu20.04/v6? Ubuntu24.04/v7)

[Snipe-IT](#) ?v7??PHP 8.1??(PHP8.3??)???????????

[??????????](#)??Ubuntu24.04??

????????????1????????????/???????

Snipe-IT????????????????????????????

- ???:Ubuntu 20.04
 - v6
 - PHP8.1
 - Apache2.4
 - MySQL8
- ???:Ubuntu 24.04
 - v7
 - PHP8.3
 - Apache2.4
 - MySQL8

????PHP????????????????????????????????????500???????

????????????2?????????SQL?????

- firefly-iii
- BookStack

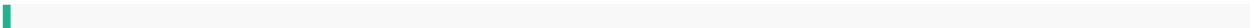
????????????????????????????mysqlDump????????????????????????????????500???????

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

?????????key????????????????

??2??????SQL????????????????

[Moving Snipe-IT](#)????



Moving/migrating Snipe-IT to a new server should be a pretty painless process. You really only have a few things to worry about:

- Your .env
- Your database
- Your uploaded files
- Your OAuth keys

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?????Snipe-IT????????????

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

- SQL???????

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

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

- .env?APP_KEY

??? storage .env ? APP_KEY=base64: ???????

??? APP_KEY=base64: ??????????????????

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

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

? public/uploads

? storage/private_uploads

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

- OAuth key

??? storage

? oauth-private.key

? oauth-public.key

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

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

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

- ??????????

```
mysql -h localhost -u snipeit -p snipeit < /path/to/backup/directory/snipeit_db.$(date +%Y%m%d).sql
```

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- Snipe-IT????????????

```
cd /var/www/html/snipe-it && pwd
```

??????snipe-it????????????????

- DB????????

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

????????yes??????

- ????????

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

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

- Web???????

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

- Web?????????

```
systemctl status apache2.service
```

active(running) ??????

- ???????

1. Snipe-ITURL
- 2.
- 3.