

Ubuntu 20.04(22.04)?Nextcloud???????

?????????Ubuntu20.04?/Ubuntu22.04????Nextcloud???????

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- Ubuntu 20.04
 - Ubuntu 22.04?????????????
- MySQL 8.0.33
- Apache 2.4

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?SSH????????????????????

1. PHP?????????????Ubuntu20.04??PHP8.x?????????????
2. PHP??????????
3. Nextcloud??DB???????
4. Nextcloud????????????????????
5. Nextcloud???????Apache??????????????
6. Web???????????????

PHP????????????????????????????????

- ???????

```
sudo add-apt-repository ppa:ondrej/php
```

Ubuntu20.04?????????????PHP7.4????????????????

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

```
sudo aptitude update
```

- PHP??????

```
sudo aptitude install php8.1
```

- PHP?????????????

```
sudo aptitude install php8.1-
```

```
{opcache,pdo,bcmath,calendar,ctype,fileinfo,ftp,gd,intl,json,ldap,mbstring,mysql,posix,readline,sockets,bz2,tokenizer,zip,curl,iconv,phar,xml,dev,imagick,gmp}
```

- Apache???

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

- PHP????????

```
php -v
```

```
???: PHP 8.1.21 (cli) (built: Jul  8 2023 07:09:57) (NTS)
```

PHP????????

- memcache?APCu???

```
cd /etc/php/8.1/cli/conf.d
```

```
cat <<- __EOF__ | sudo tee -a /etc/php/8.1/cli/conf.d/10-opcache.ini
opcache.enable=1
opcache.enable_cli=1
opcache.interned_strings_buffer=16
opcache.max_accelerated_files=10000
opcache.memory_consumption=128
opcache.save_comments=1
opcache.revalidate_freq=1
__EOF__
```

```
cat <<- __EOF__ | sudo tee -a /etc/php/8.1/cli/conf.d/20-apcu.ini
[apcu]
apc.enabled=1
apc.shm_size=32M
apc.ttl=7200
apc.enable_cli=1
apc.serializer=php
__EOF__
```

- php.ini?????

```
sudo cp -pi /etc/php/8.1/apache2/php.ini /path/to/backup/php.ini.$(date +%Y%m%d)
```

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

- ??????

```
diff -u /etc/php/8.1/apache2/php.ini /path/to/backup/php.ini.$(date +%Y%m%d)
```

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

- sed????????

```
sudo sed -i 's/memory_limit = 128M/memory_limit = 512M/g' /etc/php/8.1/apache2/php.ini
```

memory_limit????512M????

- ????????

```
diff -u /path/to/backup/php.ini.$(date +%Y%m%d) /etc/php/8.1/apache2/php.ini
```

- ??

```
-memory_limit = 128M
```

```
+memory_limit = 512M
```

- apache ???

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

Nextcloud?DB??????

- MySQL?root??????

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

- MySQL????

```
CREATE DATABASE IF NOT EXISTS nextcloud CHARACTER SET utf8mb4 COLLATE utf8mb4_general_ci;
```

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

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

```
FLUSH PRIVILEGES;
```

```
EXIT;
```

- Nextcloud

```
mysql -u nextcloud -p
```

- DB

```
SHOW DATABASES;
```

```
EXIT;
```

Nextcloud

-

```
cd /home && pwd
```

-

```
wget https://download.nextcloud.com/server/releases/latest.zip
```

```
unzip latest
```

- Web

```
sudo mv nextcloud /home/www-data/
```

-

```
sudo chown -R www-data:www-data /home/www-data/nextcloud
```

Apache

-

```
sudo mkdir /var/log/nextcloud
```

-

```
sudo chown www-data:www-data /var/log/nextcloud
```

- nextcloud?????????
 - ??????????????????

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

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

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

```
# [ ]
```

```
RewriteEngine On
```

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

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

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

```
</VirtualHost>
```

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

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

```
# [ ]
```

```
CustomLog /var/log/nextcloud/nextcloud_access.log combined
```

```
ErrorLog /var/log/nextcloud/nextcloud_error.log
```

```
DocumentRoot [/home/www-data/nextcloud]
```

```
# [ ]
```

```
<Directory [/home/www-data/nextcloud]>
```

```
# [ ]
```

```
    Options -MultiViews
```

```
    AllowOverride All
```

```
    Require all granted
```

```
</Directory>
```

```
#SSL[ ]
```

```
SSLEngine on
```

```
    Protocols h2 http/1.1
```

```
# SSL[ ]
```

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

```
# SSL[ ]
```

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

```
# [ ]
```

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

```
# [redacted]
```

```
# [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>
```

```
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__
```

- Apache???????

```
sudo a2ensite nextcloud.conf
```

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

```
sudo apache2ctl configtest
```

Syntax OK?????

- Apache??

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

?????Nextcloud????????????????

- ????????

?????

http://????????

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

- ?????????????
- http?https???????



管理者アカウントを作成してください

ユーザー名

パスワード

ストレージとデータベース▼
データフォルダー

/home/www-data/nextcloud/...

データベースを設定してください

MySQL/MariaDB のみ有効です。他のデータベースタイプを選択するためには、追加の PHP モジュールインストールして有効化してください。

詳細は、ドキュメントを確認してください。 ↗

データベースのユーザー名

データベースのパスワード

データベース名

データベースのホスト名

localhost

ポート番号をホスト名とともに指定してください(例: localhost: 5432)。

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

- ????
 - ???????
- ?????
 - ???????
- ?????????
 - ???????(nextcloud)
- ?????????
 - ?????????????
- ?????
 - ???????(nextcloud)
- ?????????
 - localhost:3306
 - (MySQL?????)

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おはようございます

● ステータスを設定

☀️ 天気地域設定

📁 おすすめファイル



Product plan.md



Mother's day.odt



Timesheet.ods



Simple.odp



Expense report.ods



Yellow idea.odp



Business model canvas.odg

✎️ カスタマイズ

Revision #3

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