

Nextcloud?DB????????

[Nextcloud??????](#)?DB?????

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

??????

????????????????????????????????DB?????ci(Case Insentive)?????bin(Binary)??????

DB??

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

- Nextcloud????????

```
cd /var/www/html/nextcloud && pwd
```

????????????(???? /home/www-data/nextcloud)

- ?????????

```
sudo -u www-data php occ maintenance:mode --on
```

- ?????????

???Nextcloud?URL????????????????????????????

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

- ?????????

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

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

- DB??????

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

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

- DB??????

```
ls -la nextcloud_backup.$(date +%Y%m%d).sql
```

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

DB???

- ?????MySQL??????

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

- ???DB????

```
SHOW DATABASES;
```

nextcloud?????DB????????????????

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

```
ALTER DATABASE nextcloud COLLATE utf8mb4_bin;
```

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

```
USE nextcloud;
```

```
SET @DATABASE_NAME = 'nextcloud';
```

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

```
SET @COLLATE = 'utf8mb4_bin';
```

```
SELECT CONCAT('ALTER TABLE ', TABLE_NAME, ' CONVERT TO CHARACTER SET utf8mb4 COLLATE ', @COLLATE,
';')
FROM INFORMATION_SCHEMA.TABLES
WHERE TABLE_SCHEMA = @DATABASE_NAME
AND TABLE_TYPE = 'BASE TABLE';
```

- MySQL????

```
EXIT
```

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

- Nextcloud????????????

```
cd /var/www/html/nextcloud && pwd
```

????????(??? /home/www-data/nextcloud)

- ?????????

```
sudo -u www-data php occ maintenance:mode --off
```

- ?????????

???Nextcloud?URL????????????????????

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

```
ls -l /hoge/nextcloud_backup.$(date +%Y%m%d).sql
```

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

```
head -100 /hoge/nextcloud_backup.$(date +%Y%m%d).sql
```

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

- ?????MySQL????

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

- ??DB???

```
SHOW DATABASES;
```

nextcloud?????DB????????????

- ??????DB???

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

```
DROP DATABASE nextcloud;
```

- DB????

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

- MySQL????

```
EXIT
```

- DB??

mysql -h localhost -u nextcloud -p nextcloud < /hoge/nextcloud_backup.\$(date +%Y%m%d).sql

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

????????DB??

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

- ?????????

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

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

- DB???????

```
ls -la nextcloud_backup.$(date +%Y%m%d).sql
```

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

- ???????DB??

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

- DB????????

```
ls -la nextcloud_backup.$(date +%Y%m%d).sql
```

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Revision #2

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