

ステータス:	新規	開始日:	2020/10/09
優先度:	通常	期日:	
担当者:		進捗 %:	0%
カテゴリ:		予定工数:	0.00時間
対象バージョン:		作業時間の記録:	0.00時間

説明

レプリケーション用ユーザの作成 ( マスタ側 )

```
mysql> GRANT REPLICATION SLAVE ON *.* TO 'rep!'@'192.168.2.103' IDENTIFIED BY 'slavepass';
```

マスタの設定

マスタのサーバーの/etc/my.cnfファイル内で以下のように設定

```
[root@db2 ]# vi /etc/my.cnf
```

```
[mysqld]
```

```
log-bin=mysql-bin
```

```
server-id=1001
```

[MySQL再起動]

```
[root@db2 ]# /etc/init.d/mysqld restart
```

```
Stopping MySQL: [ OK ]
```

```
Starting MySQL: [ OK ]
```

スレーブの設定

スレーブのサーバーの/etc/my.cnfファイル内で以下の通り設定

```
[root@web2 ]# vi /etc/my.cnf
```

```
[mysqld]
```

```
server-id=1002
```

[MySQL再起動]

```
[root@web2 ]# /etc/init.d/mysqld restart
```

```
Stopping MySQL: [ OK ]
```

```
Starting MySQL: [ OK ]
```

データのスナップショット作成

マスタで以下のコマンドを実行して、FileとPositionの値をメモしておく

```
[root@db2 ]# mysql -u root -p
```

```
Enter password:
```

```
Welcome to the MySQL monitor. Commands end with ; or ^g.
```

```
Your MySQL connection id is 4704
```

Server version: 5.0.77-log Source distribution

Type 'help;' or '¥h' for help. Type '¥c' to clear the buffer.

```
mysql> FLUSH TABLES WITH READ LOCK;
Query OK, 0 rows affected (0.08 sec)
```

```
mysql> SHOW MASTER STATUS;
```

```
-----+-----+-----+ File          | Position | Binlog_Do_DB | Binlog_Ignore_DB |
-----+-----+-----+ mysql-bin.000014 | 175836670 |              |                  |
-----+-----+-----+
```

1 row in set (0.00 sec)

ターミナル 1 で以下のコマンドを打つ。

```
[root@db2 ]# mysql -u root -p
```

Enter password:

Welcome to the MySQL monitor. Commands end with ; or ¥g.

Your MySQL connection id is 5023

Server version: 5.0.77-log Source distribution

Type 'help;' or '¥h' for help. Type '¥c' to clear the buffer.

```
mysql> FLUSH TABLES WITH READ LOCK;
Query OK, 0 rows affected (0.00 sec)
```

ターミナル 2 で以下のコマンドを打つ。

```
[root@db2 ]# mysqldump -u root -p aff > dbdump.db
```

Enter password:

ターミナル 1 で以下のコマンドを打つ。

```
mysql> UNLOCK TABLES;
Query OK, 0 rows affected (0.00 sec)
```

#### DBダンプのコピー

```
[root@db2 ]# scp dbdump.db admin@192.168.2.103:/home/admin
```

The authenticity of host '192.168.2.103 (192.168.2.103)' can't be established.

RSA key fingerprint is 79:5c:8c:ad:03:18:4a:a7:a1:34:bf:d1:bc:35:07:4f.

Are you sure you want to continue connecting (yes/no)? yes

Warning: Permanently added '192.168.2.103' (RSA) to the list of known hosts.

admin@192.168.2.103's password:

dbdump.db

100% 751MB 57.8MB/s 00:13

#### スレーブの設定(2)

「データベースの作成」

```
[root@web2 ]# cd /home/admin/
```

```
[root@web2 admin]# mysql -u root -p
```

Enter password:

Welcome to the MySQL monitor. Commands end with ; or ¥g.

Your MySQL connection id is 6

Server version: 5.0.77-log Source distribution

Type 'help;' or '¥h' for help. Type '¥c' to clear the buffer.

mysql> create database aff;

Query OK, 1 row affected (0.00 sec)

mysql> grant all privileges on aff.\* to [mysql@192.168.2.103](mailto:mysql@192.168.2.103) identified by 'Gnke8d9C';

Query OK, 0 rows affected (0.00 sec)

「データのインポート」

[root@web2 admin]# mysql -u root -p aff < dbdump.db

Enter password:

「インポート確認」

[root@web2 admin]# mysql -u root -p

Enter password:

Welcome to the MySQL monitor. Commands end with ; or ¥g.

Your MySQL connection id is 9

Server version: 5.0.77-log Source distribution

Type 'help;' or '¥h' for help. Type '¥c' to clear the buffer.

mysql> use aff;

Database changed

mysql> show tables;

---

Tables_in_aff
access_action_log_200901
access_action_log_200902
access_action_log_200903
access_action_log_200904
access_action_log_200905
access_action_log_200906

「マスタ情報の登録」

mysql> CHANGE MASTER TO MASTER\_HOST='192.168.2.104', MASTER\_USER='repl',  
MASTER\_PASSWORD='slavepass', MASTER\_LOG\_FILE='mysql-bin.000014', MASTER\_LOG\_POS=5047956;  
Query OK, 0 rows affected (0.01 sec)

「SLAVEのスタート」

mysql> start slave;

Query OK, 0 rows affected (0.00 sec)

「動作の確認」

mysql> show slave status;

---

```

-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Slave_IO_State          | Master_Host | Master_User | Master_Port |
Connect_Retry | Master_Log_File | Read_Master_Log_Pos | Relay_Log_File | Relay_Log_Pos | Relay_Master_Log_File |
Slave_IO_Running | Slave_SQL_Running | Replicate_Do_DB | Replicate_Ignore_DB | Replicate_Do_Table | Replicate_Ignore_Table |
Replicate_Wild_Do_Table | Replicate_Wild_Ignore_Table | Last_Errno | Last_Error | Skip_Counter | Exec_Master_Log_Pos |
Relay_Log_Space | Until_Condition | Until_Log_File | Until_Log_Pos | Master_SSL_Allowed | Master_SSL_CA_File |
Master_SSL_CA_Path | Master_SSL_Cert | Master_SSL_Cipher | Master_SSL_Key | Seconds_Behind_Master |
=====
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
Waiting for master to send event | 192.168.2.104 | repl | 3306 | 60 |
mysql-bin.000014 | 5288433 | mysql-relay-bin.000002 | 240712 | mysql-bin.000014 | Yes | Yes |
| | | | | | | 0 | | 0 |
5288433 | 240712 | None | | 0 | No | | | | |
| | 0 |
=====
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
-----+-----+-----+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+-----+-----+
1 row in set (0.00 sec)

Slave_IO_Running、Slave_SQL_RunningがYesになっていること。

```