

mysql 5.5 리플리케이션 구성하기

Mysql 5.5 Replication 구성하기(Master - Slave)

- 5.5부터는 동기화되는 Replication 구성이 가능(5.1은 비동기식으로 Data Sync시 오류 발생)

1. 마스터 서버 작업1. /etc/my.cnf파일 수정

```
$> vi /etc/my.cnf
...
server-id = 1
binlog-do-db=test1234 # 적용할 DB명
log-bin=mysql-master-bin # 리플리케이션에 사용할 로그명
```

1. 마스터 서버 replication 플러그인 설치

```
mysql> INSTALL PLUGIN rpl_semi_sync_master SONAME 'semisync_master.so';
```

2. 플러그인 활성화

```
mysql> set global rpl_semi_sync_master_enabled=1;
Query OK, 0 rows affected (0.00 sec)
mysql> set global rpl_semi_sync_master_timeout=1000;
Query OK, 0 rows affected (0.00 sec)
```

3. 설치 및 활성화 확인

```
mysql> show variables like 'rpl_semi_sync%';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| rpl_semi_sync_master_enabled | ON |
| rpl_semi_sync_master_timeout | 1000 |
| rpl_semi_sync_master_trace_level | 32 |
| rpl_semi_sync_master_wait_no_slave | ON |
+-----+-----+
```

4. Slave 접속할 수 있게 권한 설정

```
mysql> grant replication slave on *.* to 'test'@'192.168.10.10' identified by 'test1234';
```

5. 리플리케이션 상태 확인

```
mysql> show master status;
+-----+-----+-----+-----+
| File | Position | Binlog_Do_DB | Binlog_Ignore_DB |
+-----+-----+-----+-----+
| mysql-master-bin.000001 | 107 | test1234 | |
+-----+-----+-----+-----+
```

2. 슬레이브 서버

1. /etc/my.cnf파일 수정

```
$> vi /etc/my.cnf
...
server-id = 2
relay-log = slave-relay-bin
```

1. 플러그인 설치

```
mysql> INSTALL PLUGIN rpl_semi_sync_slave SONAME 'semisync_slave.so';
```

2. 플러그인 활성화

```
mysql> set global rpl_semi_sync_slave_enabled=1;
```

3. 활성화 확인

```
mysql> show variables like 'rpl_semi_sync%';
+-----+-----+
| Variable_name | Value |
+-----+-----+
| rpl_semi_sync_slave_enabled | ON |
| rpl_semi_sync_slave_trace_level | 32 |
+-----+-----+
2 rows in set (0.01 sec)
```

4. Master서버와 연결

```
mysql> change master to master_host='192.168.10.20', master_user='test', master_password='test1234', master_log_file='mysql-master-bin.000001', master_log_pos=107;
```

Reference

- <http://lks21c.blogspot.kr/2011/10/mysql-replication-semi-sync-how-to.html>
- http://abydos.co.kr/xe/index.php?document_srl=1886

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