

- `0`
- `1`

4 `0`

```
0 */4 * * * cd /srv/www/pmacontrol && ./glial control service >> /tmp/pmacontrol_control.log
2>&1
```

3. `./monitor_mysql.sh` — `0`

`0` Aspirateur `0`

```
* * * * * cd /srv/www/pmacontrol && ./monitor_mysql.sh >> /tmp/pmacontrol_monitor.log 2>&1
```

`0` 200 `0`

`0`

`0` PmaControl `0`

`mysql_server`

`0` MariaDB / MySQL `0`

- **MariaDB / MySQL** `0`
- `0`MaxScale`0`ProxySQL`0`HAProxy`0`
- **VIP**`0` IP`0`

`is_proxy` `is_vip` `0`

<code>is_proxy</code>	<code>is_vip</code>	<code>0</code>
0	0	<code>0</code> MariaDB / MySQL <code>0</code>
1	0	<code>0</code> MaxScale <code>0</code> ProxySQL <code>0</code> HAProxy <code>0</code>
0	1	VIP <code>0</code> IP <code>0</code>

```
-- 0 MariaDB/MySQL 0
SELECT id, ip, port, name, display_name, id_environment
FROM mysql_server
```

```
WHERE is_deleted = 0 AND is_proxy = 0 AND is_vip = 0;
```

```
-- MaxScale ProxySQL HAProxy
SELECT id, ip, port, name, display_name
FROM mysql_server
WHERE is_deleted = 0 AND is_proxy = 1;

-- VIP
SELECT id, ip, port, name, display_name
FROM mysql_server
WHERE is_deleted = 0 AND is_vip = 1;
```

MySQL 与 MaxScale 的连接配置

配置项

- `maxscale_server` / `maxscale_server_mysql_server` — MaxScale 配置
- `proxysql_server` — ProxySQL 配置
- `haproxy_main` / `haproxy_main_input` / `haproxy_main_output` / `link_haproxy_main_output_mysql_server` — HAProxy 配置
- `vip_server` — VIP 配置

ts_variable

配置项

```
SELECT id, name, source
FROM ts_variable
WHERE name LIKE 'Innodb%';
```

ts_value_general_int

配置项

```
SELECT server_id, variable_id, value, timestamp
FROM ts_value_general_int
WHERE server_id = 42
AND variable_id = 107 -- Threads_connected
AND timestamp > NOW() - INTERVAL 1 HOUR;
```

ALTER TABLE ... DROP PARTITION

100 MariaDB / MySQL

- **PmaControl** 1.5 GBts_value_*
- **CPU** 2-4 Listener
- **RAM** 4 GB 8 GB PmaControl buffer pool
- **SSD** — I/O

ts_value_* **RocksDB** MyRocks

1. **agent check_daemon** —
2. **Listener** listener_main ts_max_date — Listener
3. **cron** /tmp/pmacontrol_*.log
4. **SSH** <port> <user>@<host>
5. **PmaControl** PmaControl

PmaControl ETL-ETL

- **Extract** pirateur
- **Transform** listener
- **Load**

162 — MariaDB / MySQL PmaControl