# 從跳板機到 Slave 查詢作業

- 檔案位置：跳板機 /home/gok/

  - VS: 13.115.162.136

  - DM: 3.39.26.208

`QueryMonitor.sh`

```bash
#!/bin/bash
####################################
# Project heck the Query Status
# Branch:
# Author: Gok, the DBA
# Created: 2022-08-10
# Updated: 2022-08-11
# Note:
####################################


ips=("10.23.1.181" "10.23.1.182")
echo 'server user threads sql_syntax datetime' > check_output.txt


for ip in ${ips[@]};
do
    check_query="
        SELECT
            '$ip' server,
            CONCAT(user, '@', SUBSTRING_INDEX(host, ':', 1)) user,
            count(*) threads,
            GROUP_CONCAT(DISTINCT info SEPARATOR '; ') sql_syntax,
            NOW() datetime
        FROM information_schema.processlist
        WHERE command = 'Query'
        GROUP BY CONCAT(user, '@', SUBSTRING_INDEX(host, ':', 1));
        ;"
    # -- HAVING COUNT(a.id) >= 5

    echo ''
    echo now is at $ip
    ssh -T $ip "cat << EOF > check_query.sql $check_query
EOF"
        # the end-EOF MUST NO indent

    ssh -T $ip 'mysql -e "source check_query.sql" > check_output.txt'
    ssh -T $ip 'tail -n +2 check_output.txt' >> check_output.txt
    ssh -T $ip 'rm -rf *'
```

```
done
```

## 最終方案：在 Slave 各放一隻程式，由 Zabbix 呼叫執行

- 檔案位置： `/etc/zabbix/alertscripts/QueryMonitor.sh`

- 檔案權限：chmod 755

```bash
#!/bin/bash
#################################
# Project: Check the Query Status
# Branch:
# Author: Gok, the DBA
# Created: 2022-08-10
# Updated: 2022-08-15
# Note:
#################################

mysql_pwd="zabbix1qaz@WSX"

    check_query="
        SELECT
            '$ip' server,
            CONCAT(user, '@', SUBSTRING_INDEX(host, ':', 1)) user,
            count(*) threads,
            GROUP_CONCAT(DISTINCT info SEPARATOR '; ') sql_syntax,
            NOW() datetime
        FROM information_schema.processlist
        WHERE command = 'Query'
        GROUP BY CONCAT(user, '@', SUBSTRING_INDEX(host, ':', 1));
        ;"
    # -- HAVING COUNT(a.id) >= 5

    short_query="
        SELECT
            count(*) - 1
        FROM information_schema.processlist
        WHERE command = 'Query'
        ;"

    output=`mysql -u zabbix -p${mysql_pwd} -e "$short_query;" 2>/dev/null`
    echo ${output//count(*) - 1/}
```