



链滴

MySQL数据库分析工具Percona Toolkit

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原文链接: <https://ld246.com/article/1446471569581>

来源网站: [链滴](#)

许可协议: [署名-相同方式共享 4.0 国际 \(CC BY-SA 4.0\)](#)

<p>软件下载
wget https://www.percona.com/downloads/percona-toolkit/2.2.15/tarball percona-toolkit-2.2.15.tar.gz</p>
<p>软件依赖包安装
11-02T17:19:17 Cannot connect to MySQL because the Perl DBI module is not installed or not found. Run 'perl -MDBI' to see the directories that Perl searches for BI. If DBI is not installed, try:
 Debian/Ubuntu apt-get install libdbi-perl
 RHEL/CentOS yum install perl-DBI
 OpenSolaris pkg install pkg:/SUNWpmdbi
root@slave:/usr/local/percona-toolkit# apt-get install libdbi-perl

11-02T17:19:51 Cannot connect to MySQL because the Perl DBD::mysql module is not installed or not found. Run 'perl -MDBD::mysql' to see the directories that Perl searches for DBD::mysql. If DBD::mysql is not installed try:
 Debian/Ubuntu apt-get install libdbd-mysql-perl
 RHEL/CentOS yum install perl-DBD-MySQL
 OpenSolaris pkg install pkg:/SUNWapu13dbd-mysql</p>
<p>安装
tar zxf percona-toolkit-2.2.15.tar.gz
cd percona-toolkit-2.2.15
perl Makefile.PL
make
make install
工具安装目录在: /usr/local/bin</p>
<p> </p>
<p>常用工具集:
1、服务器摘要
pt-summary</p>
<p>2、服务器磁盘监测
pt-diskstats</p>
<p>3、mysql服务状态摘要
pt-mysql-summary -- --user=root --password=root</p>
<p>4、慢查询日志分析统计
pt-query-digest /data/logs/mysql/mysql-slow.log</p>
<p>5、表同步工具, 和mk-tables-sync功能一样, 用法上 稍有不一样, --print的结果更详细
pt-table-sync --execute --print --no-check-slave --database=world h='127.0.0.1' --user=root --password=123456 h='192.168.0.212' --user=root --password=123456</p>
<p>6、主从状态监测, 提供给它一台mysql服务器的IP用户名密码, 就可以分析出整个主从架构中台服务器的信息, 包括但不限于mysql版本, IP地址, server ID, mysql服务的启动时间, 角色 (主/), Slave Status(落后于主服务器多少秒,有没有错误, slave有没有在运行)。
[root@RHCE6 ~ # pt-slave-find --host=localhost --user=rhce6 --password=rhce6
localhost
Version 5.5.23-log
Server ID 1
Uptime 05:16:10 (started 2012-08-08T09:32:03)
Replication Is not a slave, has 1 slaves connected, is not read_only
Filters
Binary logging STATEMENT
Slave status
Slave mode STRICT
Auto-increment increment 1, offset 1
InnoDB version 1.1.8
+- 192.168.0.168
Version 5.5.23-log
Server ID 10
Uptime 38:19 (started 2012-08-08T14:09:54)
Replication Is a slave, has 0 slaves connected, is not read_only
Filters
Binary logging STATEMENT
Slave status 0 seconds behind, running, no errors
Slave mode STRICT
Auto-increment increment 1, offset 1
InnoDB version 1.1.8

7、mysql死锁监测
pt-deadlock-logger h='127.0.0.1' --user=root --password=123456</p>
<p>8.主键冲突检查
pt-duplicate-key-checker --database=world h='127.0.0.1' --user=root --password=123456</p>
<p>9.监测从库的复制延迟 ###经过测试 运行这个命令会使从库上的sql线程异常挂掉
pt-slave delay --host 192.168.0.206 --user=root --password=123456</p>