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## zabbix企业级监控之监控数据库大小、表大小 (<https://www.centos.bz/2018/08/zabbix%E4%BC%81%E4%B8%9A%E7%BA%A7%E7%9B%91%E6%8E%A7%E4%B9%8B%E7%9B%91%E6%8E%A7%E6%95%B0%E6%8D%AE%E5%BA%93%E5%A4%A7%E5%B0%8F%E3%80%81%E8%A1%A8%E5%A4%A7%E5%B0%8F/>)

sa 发布于 2018-08-09    分类：未分类 (<https://www.centos.bz/category/undefine/>)    阅读(1809)  
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### 1.怎么去获取到数据库大小、表大小？

information\_schema数据库存储了关于数据库的信息

```
MariaDB [(none)]> show databases;
+-----+
| Database |
+-----+
| information_schema |
| jumpserver |
| mysql |
| performance_schema |
| zabbix |
+-----+
5 rows in set (0.03 sec)
```

@51CTO博客

使用information\_schema数据库

```
MariaDB \(https://www.centos.bz/tag/mariadb/\) [(none)]> use information_schema ;
```

### 查询数据库总大小

```
MariaDB [information_schema]> select concat(round(sum(data_length/1024
/1024),2),'MB') as data from tables;
```

```
MariaDB [information_schema]> select concat(round(sum(data_length/1024/1024),2),
'MB') as data from tables;
+-----+
| data |
+-----+
| 18.84MB |
+-----+
1 row in set (1.77 sec)
```

Docker (<https://www.centos.bz/tag/docker/>)

查询指定数据库zabbix (<https://www.centos.bz/tag/zabbix/>)的大小

Nginx (<https://www.centos.bz/tag/nginx-2/>)

Apache (<https://www.centos.bz/tag/apache/>)

MySQL (<https://www.centos.bz/tag/mysql-2/>)

```
MariaDB [information_schema]> select concat(round(sum(data_length/1024/1024),2),
'MB') as data from tables where table_schema='zabbix';
+-----+
| data |
+-----+
| 18.31MB |
+-----+
1 row in set (0.48 sec)
```

OpenResty (<https://www.centos.bz/tag/openresty/>)

查询指定数据库的指定表的大小 ( zabbix数据库的items表的大小 )

WordPress (<https://www.centos.bz/tag/wordpress/>)

```
select concat(round(sum(data_length/1024/1024),2),'MB') as data from tables
where table_schema='zabbix' and table_name='items';
```

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```
MariaDB [information_schema]> select concat(round(sum(data_length/1024/1024),2),
'MB') as data from tables where table_schema='zabbix' and table_name='items';
+-----+
| data |
+-----+
| 1.50MB |
+-----+
1 row in set (0.07 sec)
```

2.如何通过shell (<https://www.centos.bz/category/shell/>) 脚本去获取？

vim /etc/zabbix/shell (<https://www.centos.bz/tag/shell/>)/monitor\_mysql.sh

```
#!/bin/bash
DB_size() {
    mysql (https://www.centos.bz/category/mysql/) -Dinformation_schema -e
    "select concat(round(sum(data_length/1024/1024),2)) as data from tables" |awk
    NR==2{print $1}
}
Nginx (https://www.centos.bz/tag/nginx-2/ )

DB_zabbix_size() {
    Apache (https://www.centos.bz/tag/apache/ )
    mysql (https://www.centos.bz/tag/mysql-2/) -Dinformation_schema -e "select
    concat(round(sum(data_length/1024/1024),2)) as data from tables where
    table_schema='zabbix'" | \
    MySQL (https://www.centos.bz/tag/mysql-2/ )
    Zabbix (https://www.centos.bz/tag/zabbix/ )
    SaltStack (https://www.centos.bz/tag/saltstack/ )
    $1
    K8S (https://www.centos.bz/tag/kubernetes/ )
    3.agent (https://www.centos.bz/tag/agent/)定义模板
    OpenResty (https://www.centos.bz/tag/openresty/ )
    vim userparameter_my.conf
    WordPress (https://www.centos.bz/tag/wordpress/ )

    UserParameter=monitor_mysql[*],/bin/bash /etc/zabbix/shell/monitor_mysql.sh
    "$1" 搜索
```

### 参数解释：

monitor\_mysql[]：是自定义key，是传参 是从server (https://www.centos.bz/tag/server/)端自定义键值的时候传参传下来的

4.server端自定义键值，请参考第二篇，监控QPS和TPS的那篇

5.准备更新一个关于zabbix监控的专题，欢迎加入我们的Linux (https://www.centos.bz/tag/linux/)技术交流群：642921645，zabbix监控交流群：832462735，我们不定期去更新很多关于系统运维的资料在群里，期待你的加入！

6.在腾讯课堂有zabbix监控的免费技术分享，欢迎来听！地址如下：<https://www.centos.bz/tag/https://ke.qq.com/course/316681?tuin=6645db32>

原文出处：51cto -> <http://blog.51cto.com/12217124/2152532> (http://blog.51cto.com/12217124/2152532)

打赏

如果此文对你有所帮助，请随意打赏鼓励作者^\_^

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([https://www.centos.bz/2018/08/zabbix-](https://www.centos.bz/2018/08/zabbix-3-2-%e9%85%8d%e7%bd%ae%e9%82%ae%e4%bb%b6%e5%91%8a%e8%ad%a6%e5%ae%9e%e8%b7%b5%e6%8c%87%e5%8d%97/)

Nginx ([https://www.centos.bz/tag/nginx-2/](https://www.centos.bz/tag/nginx-2-%e9%85%8d%e7%bd%ae%e9%82%ae%e4%bb%b6%e5%91%8a%e8%ad%a6%e5%ae%9e%e8%b7%b5%e6%8c%87%e5%8d%97/) )

3-2-%e9%85%8d%e7%bd%ae%e9%82%ae%e4%bb%b6%e5%91%8a%e8%ad%a6%e5%ae%9e%e8%b7%b5%e6%8c%87%e5%8d%97/)

%e8%bf%98%e5%8e%9f/)

%e4%bb%b6%e5%91%8a%e8%ad%a6%e5%ae%9e%e8%b7%b5%e6%8c%87%e5%8d%97/)

Apache (<https://www.centos.bz/tag/apache/> )

%ae%9e%e8%b7%b5%e6%8c%87%e5%8d%97/)

MySQL (<https://www.centos.bz/tag/mysql-2/> )

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SaltStack (<https://www.centos.bz/tag/saltstack/> )

PHP实战教学 原理+理论实战 课程包含：tp框架+微服务+redis高并发+laravel编程学习网

K8S (<https://www.centos.bz/tag/kubernetes/> )

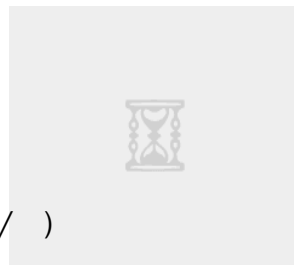
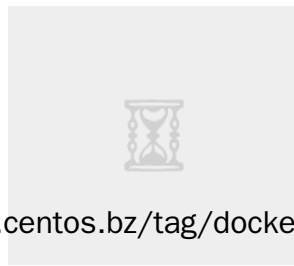
相关推荐

[OpenResty](https://www.centos.bz/tag/openresty/) (<https://www.centos.bz/tag/openresty/> )

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| MySQL ( <a href="https://www.centos.bz/tag/mysql-2/">https://www.centos.bz/tag/mysql-2/</a> )         | /2019/01/redhat-6-5-%e5%ae%89%e8%a3%85%e5%92%8c%e9%85%ae%9a%e4%b9%89%e8%87%aa%e5%8a%a8%e5%8f%91%e7%8e%b0%e6%9c%8d%e5%8a%a1low-level-discovery | zabbix API批量添加item ( <a href="https://www.centos.bz/2019/01/%e5%88%b7%e7%ab%af/">https://www.centos.bz/2019/01/%e5%88%b7%e7%ab%af/</a> ) | Centos 7 安装配置 Zabbix 3.4和报错解决方法 ( <a href="https://www.centos.bz/2018/08/centos-7-%e5%ae%89%e8%87%aa%e5%ae%9a%e4%b9%89%e8%87%aa%e5%8a%a8%e5%8f%91%e7%8e%b0%e6%9c%8d%e5%8a%a1low-level-discovery">https://www.centos.bz/2018/08/centos-7-%e5%ae%89%e8%87%aa%e5%ae%9a%e4%b9%89%e8%87%aa%e5%8a%a8%e5%8f%91%e7%8e%b0%e6%9c%8d%e5%8a%a1low-level-discovery</a> ) |
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