



链滴

zabbix 4.4.7 监控 mysql

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原文链接: <https://ld246.com/article/1585830370671>

来源网站: [链滴](#)

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1. 关联mysql模版

步骤：配置 > 主机 > 点击主机的主机 > 模版

The screenshot shows the Zabbix configuration interface. At the top, there's a navigation bar with tabs: ZABBIX, 监测 (Monitoring), 资产记录 (Assets), 报表 (Reports), 配置 (Configuration) (which is highlighted with a red box), and 管理 (Management). Below the navigation bar, there's another row of tabs: 主机群组 (Host Groups), 模板 (Templates) (highlighted with a red box), 主机 (Hosts) (highlighted with a red box), 维护 (Maintenance), 动作 (Actions), 关联项事件 (Associated Item Events), 自动发现 (Automatic Discovery), and 服务 (Services). The main content area is titled '主机' (Host) and shows a list of templates linked to the host. The list includes:

链接的模板	名称	动作
	Template App Zabbix Server	取消链接 取消链接并清理
	Template DB MySQL	取消链接 取消链接并清理
	Template OS Linux by Zabbix agent	取消链接 取消链接并清理

Below the table, there's a search bar labeled '在此输入搜索' (Search) and a '选择' (Select) button. At the bottom, there are several buttons: '更新' (Update) (highlighted with a blue box), '克隆' (Clone), '全克隆' (Full Clone), '删除' (Delete), and '取消' (Cancel).

点击那个模版进去看看模版的描述

Requirements for template operation:

1. Install Zabbix agent and MySQL client.
2. Copy Template_DB_MySQL.conf into folder with Zabbix agent configuration (/etc/zabbix/zabbix_agentd.d/ by default). Don't forget restart zabbix-agent.
3. Create MySQL user for monitoring. For example:

```
CREATE USER 'zbx_monitor'@'%' IDENTIFIED BY '<password>';
GRANT USAGE,REPLICATION CLIENT,PROCESS,SHOW DATABASES,SHOW VIEW ON *.* TO 'zbx_monitor'@'%';
For more information read the MYSQL documentation https://dev.mysql.com/doc/refman/8.0/en/grant.html , please.
```

4.Create .my.cnf in home directory of Zabbix agent for Linux (/var/lib/zabbix by default) or my.cnf in c:\ for Windows. For example:

```
[client]
user=zbx_monitor
password=<password>
```

由此可得，关联mysql模板还需要创建检测用户和相关模板文件。

2. 设置模版mysql端

2.1 在mysql中创建检测用户

```
mysql> CREATE USER 'zbx_monitor'@'%' IDENTIFIED BY 'zabbix';
mysql> GRANT USAGE,REPLICATION CLIENT,PROCESS,SHOW DATABASES,SHOW VIEW ON *.* TO 'zbx_monitor'@'%';
mysql> flush privileges;
```

2.2 查看zabbix中的mysql监控模板

```
[root@test-server zabbix]# find / -name userparameter_mysql.conf
/etc/zabbix/zabbix_agentd.d/userparameter_mysql.conf
/usr/share/doc/zabbix-agent-4.4.7/userparameter_mysql.conf
```

2.3 拷贝到zabbix_agentd.conf.d/目录下并重命名为mysql.conf

```
cp /etc/zabbix/zabbix_agentd.d/userparameter_mysql.conf /etc/zabbix/zabbix_agentd.d/mysql.conf
```

2.4 测试模版是否有效

```
[root@test-server zabbix_agentd.d]# zabbix_agentd -t mysql.ping -c /etc/zabbix/zabbix_agentd.d/mysql.conf
mysql.ping [m|ZBX_NOTSUPPORTED] [Unsupported item key.]
```

2.5 模版修改

修改/etc/zabbix/zabbix_agentd.d/mysql.conf

```
UserParameter=mysql.ping[*], HOME=/etc/zabbix mysqladmin ping
```

```
UserParameter=mysql.get_status_variables[*],HOME=/etc/zabbix mysql -sNX -e "show global status"
```

```
UserParameter=mysql.version[*],HOME=/etc/zabbix mysqladmin version
```

```
UserParameter=mysql.uptime,HOME=/etc/zabbix mysqladmin status | cut -f2 -d ":" | cut -f1 -"T" | tr -d " "
```

```
UserParameter=mysql.db.discovery[*],HOME=/etc/zabbix mysql -sN -e "show databases"
UserParameter=mysql.dbsize[*], HOME=/etc/zabbix mysql -sN -e "SELECT SUM(DATA_LENGTH + INDEX_LENGTH) FROM INFORMATION_SCHEMA.TABLES WHERE TABLE_SCHEMA='\$3'"
UserParameter=mysql.replication.discovery[*], HOME=/etc/zabbix mysql -sNX -e "show slave status"
UserParameter=mysql.slave_status[*], HOME=/etc/zabbix mysql -sNX -e "show slave status"
```

2.6 配置.my.cnf

在/etc/zabbix下新建.my.cnf,内容如下:

```
[client]
user=zbx_monitor
password=zabbix
```

2.7 重启zabbix_agentd

```
systemctl restart zabbix-agent
```

2.8 看数据在监测 > 最新数据

ZABBIX 监测 资产记录 报表 配置 管理

仪表板 问题 概览 Web 监测 最新数据 图形 聚合图形 拓扑图 自动发现 服务 test-server

最新数据

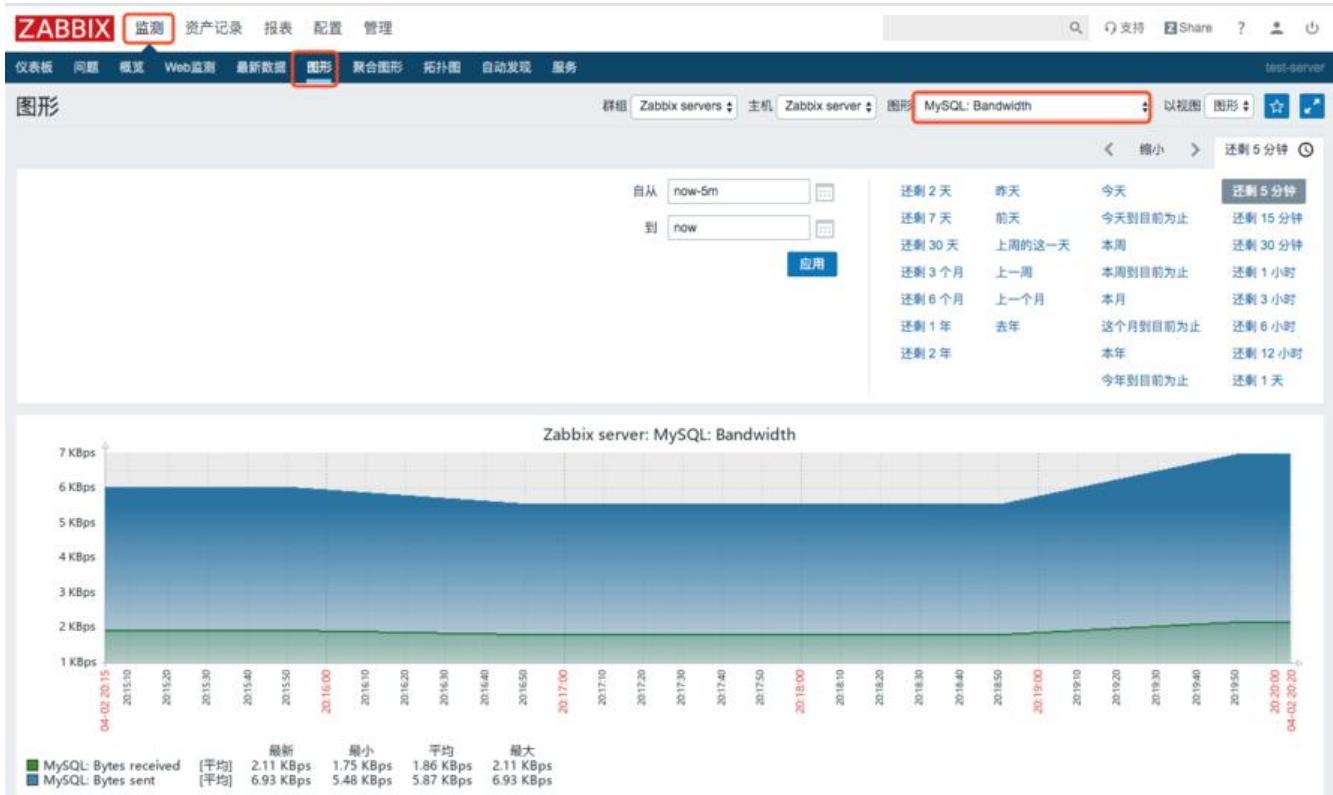
过滤器 ▾

主机群组 在此输入搜索 选择 名称
主机 Zabbix server 选择 查看无资料项目 查看细节
应用集 MySQL 选择

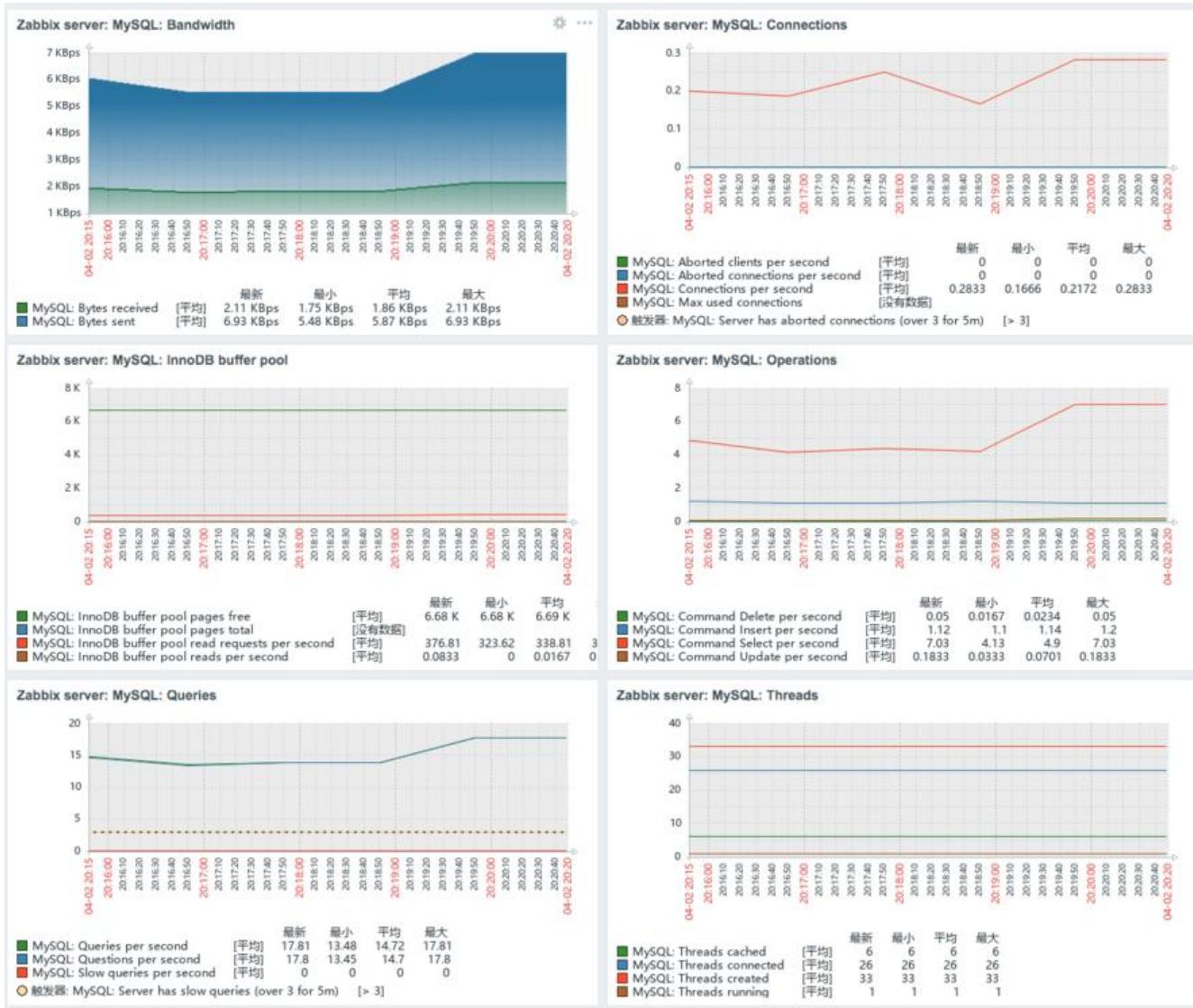
应用 重设

主机	名称	最近检查记录	最新数据	更改	
Zabbix server	MySQL (42 监控项)				
	MySQL: Aborted clients per second	2020-04-02 20:18:51	0	图形	
	MySQL: Aborted connections per second	2020-04-02 20:18:51	0	图形	
	MySQL: Buffer pool efficiency	2020-04-02 20:19:00	0.0346 %	-0.0002 %	图形
	MySQL: Buffer pool utilization	2020-04-02 20:19:01	18.3716 %	+0.0366 %	图形
	MySQL: Bytes received	2020-04-02 20:18:51	1.76 KBps	-9.45 Bps	图形
	MySQL: Bytes sent	2020-04-02 20:18:51	5.48 KBps	-6.76 Bps	图形
	MySQL: Command Delete per second	2020-04-02 20:18:51	0.0167	图形	
	MySQL: Command Insert per second	2020-04-02 20:18:51	1.1996	+0.0998	图形
	MySQL: Command Select per second	2020-04-02 20:18:51	4.1618	-0.1674	图形
	MySQL: Command Update per second	2020-04-02 20:18:51	0.0333	图形	
	MySQL: Connection errors accept per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connection errors internal per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connection errors max connections per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connection errors peer address per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connection errors select per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connection errors tcpwrap per second	2020-04-02 20:18:51	0	图形	
	MySQL: Connections per second	2020-04-02 20:18:51	0.1666	-0.0834	图形
	MySQL: Created tmp files on disk	2020-04-02 20:18:51	6	图形	
	MySQL: Created tmp tables on disk	2020-04-02 20:18:51	254	+1	图形
	MySQL: Created tmp tables on memory	2020-04-02 20:18:51	19677	+15	图形
	MySQL: InnoDB buffer pool pages free	2020-04-02 20:18:51	6687	-3	图形
	MySQL: InnoDB buffer pool pages total	2020-04-02 19:33:51	8192	图形	
	MySQL: InnoDB buffer pool read requests per second	2020-04-02 20:18:51	323.6176	-1.773	图形
	MySQL: InnoDB buffer pool reads per second	2020-04-02 20:18:51	0	图形	
	MySQL: InnoDB row lock time	2020-04-02 19:47:51	110毫秒	+1毫秒	图形
	MySQL: InnoDB row lock time max	2020-04-02 19:33:51	12毫秒	图形	

2.9 看图标在监测 > 图形里



2.10 最终效果预览



3.参考

[3分钟配置zabbix 监控mysql](#)