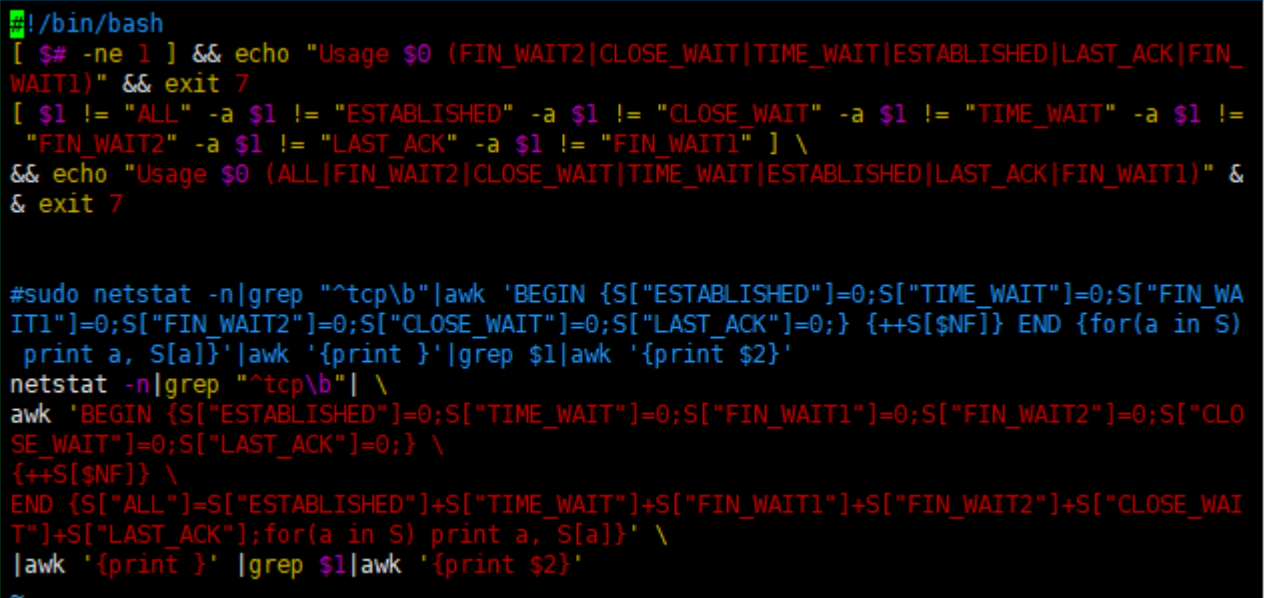


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## 第一步:

增加脚本，脚本内容如下：

```
root@i9Z:/etc/zabbix/zabbix_agentd.d# cat /etc/zabbix/scripts/tcp_status.sh
#!/bin/bash
[ $# -ne 1 ] && echo "Usage $0
(FIN_WAIT2|CLOSE_WAIT|TIME_WAIT|ESTABLISHED|LAST_ACK|FIN_WAIT1)" && exit 7
[ $1 != "ALL" -a $1 != "ESTABLISHED" -a $1 != "CLOSE_WAIT" -a $1 != "TIME_WAIT"
-a $1 != "FIN_WAIT2" -a $1 != "LAST_ACK" -a $1 != "FIN_WAIT1" ] \
&& echo "Usage $0
(ALL|FIN_WAIT2|CLOSE_WAIT|TIME_WAIT|ESTABLISHED|LAST_ACK|FIN_WAIT1)" && exit 7
netstat -n|grep "^tcp\b" | \
awk 'BEGIN
{S["ESTABLISHED"]=0;S["TIME_WAIT"]=0;S["FIN_WAIT1"]=0;S["FIN_WAIT2"]=0;S["CLOSE
_WAIT"]=0;S["LAST_ACK"]=0;} \
{++S[$NF]} \
END
{S["ALL"]=S["ESTABLISHED"]+S["TIME_WAIT"]+S["FIN_WAIT1"]+S["FIN_WAIT2"]+S["CLOS
E_WAIT"]+S["LAST_ACK"];for(a in S) print a, S[a]}' \
|awk '{print }' |grep $1|awk '{print $2}'
```



```
#!/bin/bash
[ $# -ne 1 ] && echo "Usage $0 (FIN_WAIT2|CLOSE_WAIT|TIME_WAIT|ESTABLISHED|LAST_ACK|FIN_WAIT1)" && exit 7
[ $1 != "ALL" -a $1 != "ESTABLISHED" -a $1 != "CLOSE_WAIT" -a $1 != "TIME_WAIT" -a $1 != "FIN_WAIT2" -a $1 != "LAST_ACK" -a $1 != "FIN_WAIT1" ] \
&& echo "Usage $0 (ALL|FIN_WAIT2|CLOSE_WAIT|TIME_WAIT|ESTABLISHED|LAST_ACK|FIN_WAIT1)" &
& exit 7

#sudo netstat -n|grep "^tcp\b"|awk 'BEGIN {S["ESTABLISHED"]=0;S["TIME_WAIT"]=0;S["FIN_WAIT1"]=0;S["FIN_WAIT2"]=0;S["CLOSE_WAIT"]=0;S["LAST_ACK"]=0;} {++S[$NF]} END {for(a in S)
print a, S[a]}'|awk '{print }'|grep $1|awk '{print $2}'
netstat -n|grep "^tcp\b" | \
awk 'BEGIN {S["ESTABLISHED"]=0;S["TIME_WAIT"]=0;S["FIN_WAIT1"]=0;S["FIN_WAIT2"]=0;S["CLOSE_WAIT"]=0;S["LAST_ACK"]=0;} \
{++S[$NF]} \
END {S["ALL"]=S["ESTABLISHED"]+S["TIME_WAIT"]+S["FIN_WAIT1"]+S["FIN_WAIT2"]+S["CLOSE_WAIT"]+S["LAST_ACK"];for(a in S) print a, S[a]}' \
|awk '{print }' |grep $1|awk '{print $2}'
```

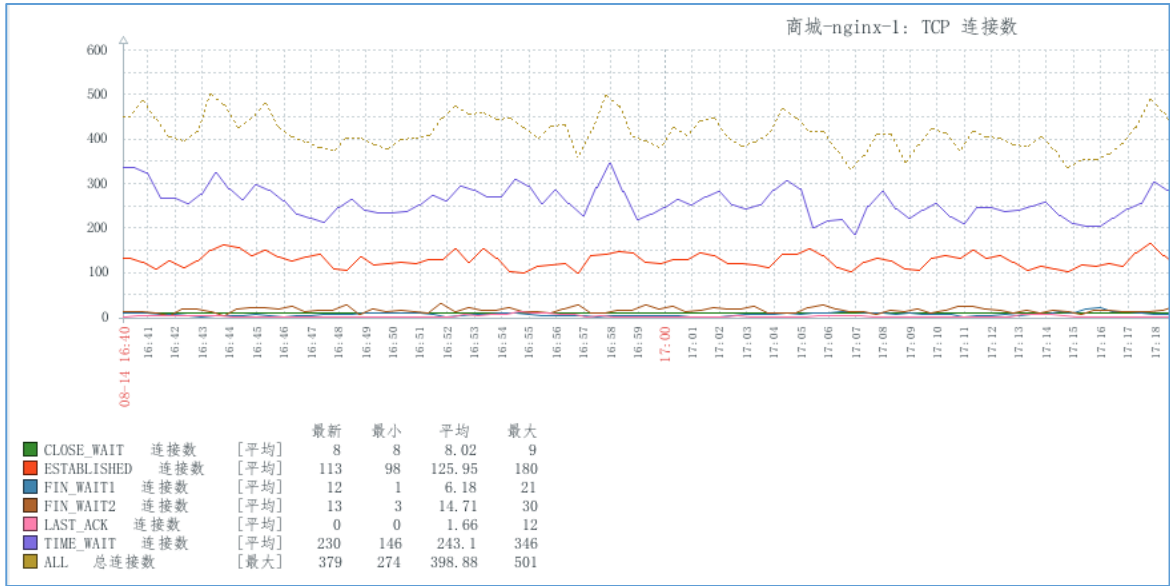
## 第二步：自定义 key:

```
root@iZufvx79Z:/etc/zabbix/zabbix_agentd.d# cat
/etc/zabbix/zabbix_agentd.d/lx2.conf
UserParameter=lx2.tcp.status[*],/etc/zabbix/scripts/tcp_status.sh $1
```

**第三步：添加模板**，对应主机添加模板，模板中添加监控项目和图形

过滤器 只影响过滤后的数据					
<input type="checkbox"/>	Wizard	名称 ▲	触发器	键值	间隔 历史记录
<input type="checkbox"/>	...	ALL 总连接数		lx2.tcp.status[ALL]	30s 90d
<input type="checkbox"/>	...	CLOSE_WAIT 连接数		lx2.tcp.status[CLOSE_WAIT]	30s 90d
<input type="checkbox"/>	...	ESTABLISHED 连接数		lx2.tcp.status[ESTABLISHED]	30s 90d
<input type="checkbox"/>	...	FIN_WAIT1 连接数		lx2.tcp.status[FIN_WAIT1]	30s 90d
<input type="checkbox"/>	...	FIN_WAIT2 连接数		lx2.tcp.status[FIN_WAIT2]	30s 90d
<input type="checkbox"/>	...	LAST_ACK 连接数		lx2.tcp.status[LAST_ACK]	30s 90d
<input type="checkbox"/>	...	TIME_WAIT 连接数		lx2.tcp.status[TIME_WAIT]	30s 90d

**四、图形观察，**



也可将类似图形添加到聚合图形：

