

# Cacti 安装与配置

## 简介

1. snmpd 安装 配置 并 安装 rrdtool 安装 配置 (license : GPLv2)
2. simple architecture (  
[https://docs.cacti.net/manual:088:2\\_basics.0\\_principles\\_of\\_operation#basics](https://docs.cacti.net/manual:088:2_basics.0_principles_of_operation#basics) )
3. Cacti 版本 : 0.8.8h 安装 配置 (安装 配置 ), 2017 年 1 月 1 日 1.x 版本 安装 配置  
安装 ,  
1.x 版本 安装 配置 并 UI 安装 配置 并 安装 配置 (ex.  
php max\_execution\_time = 60 并 max\_execution\_time = 3600)  
并 安装 配置 并 安装 配置 并 1.x 版本 安装 配置 并

## 安装与配置

1. cacti spine 安装 配置 poller 安装 配置 并 安装 配置 , 并 安装 配置 并 安装 配置
2. Mysql : 安装 配置 并 安装 配置 , 并 安装 DB 并 安装 配置 并 安装 配置
3. Apache / Mysql : 安装 配置 并 安装 配置 并 安装 配置 ,  
并 安装 配置 并 安装 配置 并 安装 配置
4. Apache / php : 安装 配置 并 安装 配置 并 安装 配置 , 并 安装 配置  
并 安装 配置
5. OS 安装 Centos 7 并 安装 配置 , Centos6 并 安装 配置 "Cen6 =" 并 安装 配置  
并 安装 配置
6. Cacti 安装 配置 并 安装 配置



```
MariaDB [(none)]> use cacti;
```

Reading table information for completion of table and column names

You can turn off this feature to get a quicker startup with -A

Database changed

```
MariaDB [cacti]>
```

### 3. Cacti `cat /etc/httpd/conf.d/cacti.conf` ( `cat /etc/httpd/conf.d/cacti.conf` )

```
# cat /etc/httpd/conf.d/cacti.conf
Listen 8800
<Virtualhost *:8800>
    Documentroot "/svc/cacti/public_html"
    Customlog "logs/cacti-access.log" combined
    errorlog "logs/cacti-error.log"
</Virtualhost>
```

### 4. Apache `vi /etc/httpd/conf/httpd.conf` `vi /etc/httpd/conf/httpd.conf`

```
# vi /etc/httpd/conf/httpd.conf
...
<Directory ></Directory>
    AllowOverride none
    Require all denied <-- Require all denied Require all denied Require all denied
</Directory>
...
* Cen6 = Deny from all Require all denied Require all denied Require all denied
```

### 5. apache name `vi /etc/httpd/conf/httpd.conf` (Option)

```
# vi /etc/httpd/conf/httpd.conf
...
ServerName localhost
...
```

### 6. php `vi /etc/php.ini`

```
#vi /etc/php.ini
...
;date.timezone = --> timezone= Asia/Seoul date.timezone = Asia/Seoul date.timezone = Asia/Seoul
```

### 7. Cacti webapp `cd /etc/httpd/conf.d` `cd /etc/httpd/conf.d`

```
# mkdir /svc/cacti/
# wget 'https://www.cacti.net/downloads/cacti-0.8.8h.tar.gz'
# tar -zxvf cacti-0.8.8h.tar.gz
# mv cacti-0.8.8h /svc/cacti/public_html
# cd /svc/cacti/public_html
```

## 8. Cacti DB

```
# mysql -u cacti -p cacti < cacti.sql
Enter password: {cacti 2217 rows
* Cacti DB 2217 rows
(2217 rows
 )
```

rows int(12) NOT NULL default '600', --> rows int(12) NOT NULL default '600',

## 9. DB ( )

```
$> vi /svc/cacti/public_html/include/config.php
...
database_default=
database_hostname=DB IP
database_username =  IP
database_password =  IP
database_port = DB
database_ssl = DB SSL
url_path =  (http://127.0.0.1/cacti/  "/cacti/" )
```

## 10. Apache

```
#apachectl configtest
OK
# systemctl start httpd;systemctl enable httpd
Created symlink from /etc/systemd/system/multi-user.target.wants/httpd.service to
/usr/lib/systemd/system/httpd.service.
* Cent6 = /etc/init.d/httpd start;chkconfig httpd on
```

## 11.

```
$> ps -ef | grep http
root 32439 1 0 17:54 ? 00:00:00 /usr/sbin/httpd -DFOREGROUND
```

```

apache  32441 32439 0 17:54 ?      00:00:00 /usr/sbin/httpd -DFOREGROUND
apache  32442 32439 0 17:54 ?      00:00:00 /usr/sbin/httpd -DFOREGROUND
apache  32443 32439 0 17:54 ?      00:00:00 /usr/sbin/httpd -DFOREGROUND
apache  32444 32439 0 17:54 ?      00:00:00 /usr/sbin/httpd -DFOREGROUND
apache  32445 32439 0 17:54 ?      00:00:00 /usr/sbin/httpd -DFOREGROUND
root    32512 20163 0 17:55 pts/0  00:00:00 grep --color=auto http

```

```
$> netstat -antp | grep httpd
```

```

tcp6    0      0 :::8800          :::*              LISTEN      32677/httpd

```

12.  URL : http://{ IP}:8800

13. select type of install ☐ new install ☐ ☐ Next

14.       Finish

15.    user : admin / password : admin

16.

17. Poller

```
$> /bin/php /svc/cacti/public_html/poller.php
```

```
...
```

```
$> echo "***** /bin/php /svc/cacti/public_html/poller.php > /dev/null" >> /var/spool/cron/root
```

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