

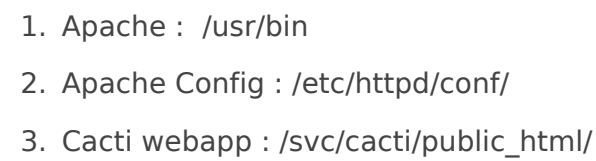
Cacti 安装与配置

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)
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



1. Apache : /usr/bin
2. Apache Config : /etc/httpd/conf/
3. Cacti webapp : /svc/cacti/public_html/



```
$> yum install rrdtool httpd net-snmp net-snmp-utils net-snmp-devel php-gd php php-snmp gd-devel  
php-mysql php-pdo php-mysqli mariadb-server mariadb-libs -y
```

- Cen6 = mariadb □ □ mysql □ □ □ □ □ □ }

1. DB (database /)

```
# mysql_install_db --force --user=mysql
Installing MariaDB/MySQL system tables in '/var/lib/mysql' ...
```

```
# systemctl start mariadb
```

```
* Cen6 = /etc/init.d/mysql start
```

```
# mysql -u root
```

```
MariaDB [(none)]> create database cacti;
```

Query OK, 1 row affected (0.001 sec)

```
MariaDB [(none)]> grant all privileges on cacti.* to 'cacti'@'localhost' identified by '{cacti[REDACTED]}';
```

Query OK, 0 rows affected (0.000 sec)

```
MariaDB [(none)]> flush privileges;
```

Query OK, 0 rows affected (0.000 sec)

2. DB


```
mysql -u cacti -p
```

Enter password: {cacti□□□□ □□ }

```
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 `cat /etc/httpd/conf.d/cacti.conf` `cat /etc/httpd/conf.d/cacti.conf`

```
# 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  }
* Cacti DB  2211 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 IP IP

```
#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. IP IP

```
$> 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
```

Revision #1

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