

# CentOS 7 - Configuring Cacti

## Install Required Dependencies

```
yum -y install mariadb-server php php-cli php-mysql net-snmp-utils rrdtool php-snmp gcc mariadb-
```

## Enable Required Services for Cacti

```
chkconfig httpd on  
chkconfig mariadb on  
chkconfig crond on
```

## Download and Extract Cacti

```
cd /var/www/html  
wget http://www.cacti.net/downloads/cacti-0.8.8c.tar.gz  
tar -xzvf cacti-0.8.8c.tar.gz
```

## Setting Up Cacti for Apache

## Add Cacti User & Enable Cron Jobs

```
adduser cacti  
echo "*/5 * * * * cacti php /var/www/html/cacti/poller.php &>/dev/null" >> /etc/cron.d/cacti
```

## Fix Cacti Directory Permission

```
cd /var/www/html/cacti  
chown -R cacti.apache rra log
```

```
chmod 775 rra log
```

# Set Up Cacti Database

```
mysql -p cacti < /var/www/html/cacti/cacti.sql
GRANT ALL ON cacti.* TO cactiuser@localhost IDENTIFIED BY 'MyV3ryStr0ngPassword';
flush privileges;
exit
cd /var/www/html/cacti/include/
vi config.php (and change $database_* configuration and $url_path)
```

# Open Firewall Ports to HTTP and HTTPS

```
firewall-cmd --permanent --zone=public --add-service=https
firewall-cmd --permanent --zone=public --add-service=http
firewall-cmd --reload
```

Login to cacti using admin:admin and go to “Console -> System Utilities” and click on “Rebuild Poller Cache” after the first login!

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