**Memcached is a free and open-source high-performance in-memory key-value data store. It is most commonly used to speed up applications by caching various objects from the results of database calls.**

**Memory object caching systems like Memcached can optimize backend database performance by temporarily storing information in memory, retaining frequently or recently requested records. In this way, they reduce the number of direct requests to your databases.**

**Because systems like Memcached can contribute to denial of service attacks if improperly configured, it is important to secure your Memcached servers. In this guide, we will cover how to protect your Memcached server by binding your installation to a local or private network interface and creating an authorized user for your Memcached instance.**

**Install Memcached**

apt install memcached libmemcached-tools

**The libmemcached-tools package contains provides several command line tools for managing the Memcached server.**

systemctl start memcached

systemctl restart memcached

systemctl status memcached

**Now install latest PHP from ppa:ondrej/php PPA on your Ubuntu system.**

sudo add-apt-repository ppa:ondrej/php

sudo apt-get update

sudo apt-get install -y php php-dev php-pear libapache2-mod-php

**Now install PHP Memcached module on your system.**

apt-get install -y php-memcached -y

apt install apache2 -y

**download the phpmecachedadmin package in html directory**

cd /var/www/html/

wget https://github.com/hgschmie/phpmemcacheadmin/archive/master.zip

unzip the package

apt install unzip -y

unzip master.zip

mv phpmemcacheadmin-master/ phpmemcacheadmin

service apache2 restart

**open the browser and and put ip you get phpmemcacheadmin web interface**

http://ip\_address\_of\_host/phpmemcacheadmin