

## Misc

# How do I install APC Advanced php caching on my linux server?

### Important Notes:

APC is a PHP module that creates a cache for PHP files called by Apache. You will want to install APC if you are having the following issues:

1. Your server has Fedora Core 7 or Centos 5.x or above and at least PHP 5.1.6
2. You have a PHP/MySQL driven page
3. You are experiencing performance lag and have already done performance tuning of MySQL

### Getting Started:

1. Log into your server using SSH
2. Once you have connected to the server you are going to run the following commands:

```
[root@hostname]#yum install php-pecl
[root@hostname]#yum install php-devel
[root@hostname]#yum install httpd-devel
[root@hostname]#pecl install apc
```

3. Now APC is installed, we just need to enable it on the domain(s) that require APC. To do this, we need to copy apc.php from /usr/share/php/ to the httpdocs directory of the domain that needs APC. Use the following command:

```
[root@hostname]#cp /usr/share/php/apc.php /var/www/html/DOMAINNAME.COM/httpdocs
```

4. Now we need to create a file so PHP knows that APC is installed. Issue the following command:

```
[root@hostname]#vi /etc/php.d/apc.ini
then insert the following line into the text document:
extension=apc.so
```

5. You will now need to restart the web server with the following command:

```
[root@hostname]#service httpd restart
```

6. Finally, you need to copy the file to the root of the domain that requires APC:

```
[root@hostname]#cp /usr/share/php/apc.php /var/www/html/DOMAINNAME.COM/httpdocs
```

7. You can now test to see if APC is installed by going to <http://DOMAINNAME.COM/apc.php>

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