List Apache Modules in Linux

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How to list which apache modules are enabled in CentOS/Ubuntu server?

Overview: This article explains how to list enabled Apache modules on CentOS, RHEL, Ubuntu, and Debian servers using the apachectl command. It also provides steps to enable specific modules, such as the echo module on CentOS/RHEL and the ssl module on Ubuntu/Debian.

Run below command to find the information for **apachectl.**

```
root@centos ~]# apachectl help

root@ubuntu ~]# apachectl -help
```

CentOS/RHEL

Run below command to view the list of **enabled modules** in **CentOS/RHEL**.

```
root@centos ~]# apachectl -t -D DUMP_MODULES
```

Refer below example to enable the **echo module** in **CentOS/RHEL**

1. Replace the required module name to find if it's enabled on the server. Here I'm using the **echo module** as an example and it is not enabled on my server.

```
root@centos ~]# apachectl -t -D DUMP_MODULES | grep -i echo
```

2. Edit the **module configuration file** and append the below line to **enable the echo module**.

```
root@centos ~]# vim /etc/httpd/conf.modules.d/00-base.conf

LoadModule echo_module modules/mod_echo.so

root@centos ~]# systemctl restart httpd
```

3. Rerun the below command to confirm the module has been enabled.

```
root@centos ~]# apachectl -t -D DUMP_MODULES | grep -i echo

echo_module (shared)
```

Ubuntu/Debian

Run below command to view the list of **enabled modules** in **Ubuntu/Debian**.

```
root@ubuntu ~]# apachectl -t -D DUMP_MODULES
```

Refer below example to **enable SSL modules** in **Ubuntu/Debian**.

```
root@ubuntu ~]# a2enmod ssl

root@ubuntu ~]# systemctl restart apache2
```

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