Apache Cheat Sheet

Setup a Virtual Domain

```
NameVirtualHost *
<VirtualHost *>
  DocumentRoot /web/example.com/www
  ServerName www.example.com
  ServerAlias example.com
  CustomLog /web/example.com/logs/access.log combined
  ErrorLog /web/example.com/logs/error.log
</VirtualHost>
```

Include another conf file

```
Include /etc/apache/virtual-hosts/*.conf
```

Hide apache version info

```
ServerSignature Off
ServerTokens Prod
```

Custom 404 Error message

```
ErrorDocument 404 /404.html
```

Create a virtual directory (mod_alias)

```
Alias /common /web/common
```

Perminant redirect (mod_alias)

```
Redirect permanent /old http://example.com/new
```

Create a cgi-bin

```
ScriptAlias /cgi-bin/ /web/cgi-bin/
```

Process .cgi scripts

```
AddHandler cgi-script .cgi
```

Add a directory index

```
DirectoryIndex index.cfm index.cfm
```

Turn off directory browsing

```
Options -Indexes
```

Turn on directory browsing

```
<Location /images>
  Options +Indexes
</Location>
```

Create a new user for basic auth *(command line)*

```
htpasswd -c /etc/apacheusers
```

Apache basic authentication

```
AuthName "Authentication Required"
AuthType Basic
AuthUserFile /etc/apacheusers
Require valid-user
```

Only allow access from a specific IP

```
Order Deny,Allow
```

```
Deny from all
Allow from 127.0.0.1
```

Only allow access from your subnet

```
Order Deny,Allow
Deny from all
Allow from 176.16.0.0/16
```

mod_rewrite

Turn on the rewrite engine

```
RewriteEngine On
```

Redirect /news/123 to /news.cfm?id=123

```
RewriteRule ^/news/([0-9]+)$ /news.cfm?id=$1 [PT,L]
```

Redirect www.example.com to example.com

```
RewriteCond %{HTTP_HOST} ^www\.example\.com$ [NC]
RewriteRule ^(.*)$ http://example.com$1 [R=301,L]
```

This is a work in progress - Questions, comments, criticism, or requests can be directed [Here](#)

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