Apache HOWTOs

From Matchi Wiki

Contents

HTPASSWD Password Protection

Requirement

Do this when a site needs an additional layer of access control before it can be accessed. It is done for all non-production sites, so that not even search engines can access these. It is also done for the Administrator interface on the production environment.

Set up

It is easiest to do this when logged in as user root.

```
$ sudo su -
[sudo] password for madman:
```

You are now logged in as root. Be carefull! Create a password file for the particular user or user group. In this case, we create a password for user `liberty` and use `matchi` for the password. The name of file that holds this user's credentials is `htpasswd.liberty`. In this example, we keep this as a separate file with simple login criteria, since it is only for a temporary demo site for later tear-down.

```
$ cd /etc/httpd/conf
$ sudo htpasswd -c htpasswd.liberty liberty
New password: XXXXXX
Re-type new password: XXXXXXX
Adding password for user liberty
$ cat htpasswd.liberty
liberty:YYYYYYYYYYYYY
```

Assign password to website

We also assign the sysadmin's password file to the ../administrator directory of the website, so that this part remains reserved for internal systems use.

```
# nano httpd.conf
```

```
# DEMO SITE
# demo.matchi.biz
<Directory /var/www/vhosts/s16972616.onlinehome-server.info/demo.matchi.biz>
Allow from all
AuthType Basic
AuthName "IP address logged."
AuthUserFile "/etc/httpd/conf/htpasswd.barclays"
Require valid-user
</Directory>

# DEMO SITE ADMIN
# demo.matchi.biz administrator
<Directory /var/www/vhosts/s16972616.onlinehome-server.info/demo.matchi.biz/administrator>
Allow from all
AuthType Basic
AuthName "IP address logged."
AuthUserFile "/etc/httpd/conf/htpasswd"
Require valid-user
</Directory>
```

Restart the Apache Server:

```
# /etc/init.d/httpd restart
Stopping httpd:                                    [  OK  ]
Starting httpd:                                    [  OK  ]
```

Remember to log out again:

```
# exit
logout
$
```

Enabling detailed Logging

Requirement

Do this to track errors on the website down.

{{Warning||Only do this on non-production environments since lots of logging can impact the server's performance.}

Set up

In the Apache configuration file, /etc/httpd/conf/httpd.conf (for Red Hat), set the log level as follows:

```
LogLevel debug
```

Apply Changes

Restart the Apache server to actualize this change:

```
# /etc/init.d/httpd restart
```

View the Apache Error Log

```
# cd /var/log/httpd
# tail -f error_log
```

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