

HTTP to HTTPS

Scenario :

You want to force people coming to your site to use HTTPS. Either for the entire site or a small sub-section of it.

Note

Using mod_rewrite to do this isn't the recommended behavior. See [RedirectSSL](#)

Fix :

Rewrite HTTP To HTTPS Apache

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```
RewriteEngine On # This will enable the Rewrite capabilities RewriteCond %{HTTPS} !=on
# This checks to make sure the connection is not already HTTPS RewriteRule ^/?(.*)
https://%{SERVER_NAME}/$1 [R,L] # This rule will redirect users from their original location, to
the same location but using HTTPS. # i.e. http://www.example.com/foo/ to
https://www.example.com/foo/ # The leading slash is made optional so that this will work either
in httpd.conf # or .htaccess context
```

Entire site (.htaccess) :

Note: While the rules you need are the same as above (because the rule above doesn't depend on any of the quirks of rewrite in .htaccess), you will need to ensure that you place this in a .htaccess file in the root of the site you want to apply it against, and to make sure you have the appropriate AllowOverride configuration in your httpd.conf

Specific Directory

Either put the above solution in a .htaccess file in the directory to be affected, or put the URI prefix in the regex itself.

```
RewriteEngine On # This will enable the Rewrite capabilities RewriteCond %{HTTPS} !=on
# This checks to make sure the connection is not already HTTPS RewriteRule ^/?secure/(.*)
https://%{SERVER_NAME}/secure/$1 [R,L] # This rule will redirect all users who are using any
part of /secure/ to the same location but using HTTPS. # i.e. http://www.example.com/secure/
to https://www.example.com/secure/ # This means if you dont want to force HTTPS for all
directories you can force it for a specific sub-section of the site.
```