**How to Manually Redirect HTTP Requests to HTTPS using .htaccess**

Once you have purchased and installed an [**SSL Certificate**](https://lab.chemicloud.com/store/ssl-certificates), you should automatically redirect visitors to the secure version of your website ( **https://** ).

This ensures data sent to and from your website is securely encrypted. Besides this, according to Google – HTTPS is now a ranking signal among some other factors.

If you are a ChemiCloud customer, you can easily redirect HTTP to HTTPS requests using the [force HTTPS redirect](https://chemicloud.com/kb/article/force-https-redirect-in-cpanel/) feature in cPanel.

However, if for some reason your website is not working after you enabled the force redirect in cPanel, you should try to do this via your .htaccess file.

1) Edit/Create a .htaccess file in the folder your site is being served from (normally public\_html). You can easily edit the .htaccess file using an [FTP client](https://chemicloud.com/kb/article/how-to-use-ftp/) or through the online [File Manager](https://chemicloud.com/kb/article/use-file-manager-cpanel/) in cPanel.

2) Add the following code to the .htaccess file:

# BEGIN HTTPS Redirect

RewriteEngine On

RewriteCond %{HTTPS} off

RewriteRule ^(.\*)$ https://%{HTTP\_HOST}%{REQUEST\_URI} [L,R=301]

# END HTTPS Redirect

3) Save the file and check the results in your web browser by trying to access your site using standard HTTP rather than HTTPS.

If it is working correctly, you should be automatically redirected to https.

Please Note: If you do not have an SSL certificate installed, this could cause errors. Please make sure that you have an SSL certificate installed and properly working before attempting this.

**How to fix mixed content warnings (insecure requests)**

Once doing the redirect from HTTP to HTTPS, if you are facing SSL [mixed content warnings](https://chemicloud.com/kb/article/fix-mixed-content-warnings/), you only need to add the following lines of code to your site’s .htaccess file:

# BEGIN Fix mixed content warnings

<ifModule mod\_headers.c>

Header always set Content-Security-Policy "upgrade-insecure-requests;"

</IfModule>

# END Fix mixed content warnings

As always, our customer support team is here to answer any questions you may have!