

Redirect IP to Domain Name in Linux

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How to redirect IP to FQDN with HTTPS in Apache Webserver using mod_rewrite (Ubuntu 18,20,22)?

The objective of the article is to rewrite the URL from **http://192.168.1.1** to **https://server.gateway.com/ezlogin** using **.htaccess**

1. [Enable the rewrite and alias module in Ubuntu.](#)

```
root@ubuntu ~]# a2enmod rewrite alias  
  
root@ubuntu ~]# systemctl restart apache2
```

2. Create a **virtual host** for the domain name with ports **80** and **443**.

```
<Directory /var/www/html>
```

```
AllowOverride All
```

```
</Directory>
```

```
<Directory /var/www/html>
```

```
AllowOverride All
```

```
</Directory>
```

3. Edit the **default apache configuration file** and add "**AllowOverride All**"

```
root@ubuntu ~]# vim /etc/apache2/sites-available/000-default.conf
```

```
<VirtualHost *:80>

ServerAdmin webmaster@localhost

DocumentRoot /var/www/html

<Directory /var/www/html>

AllowOverride All

</Directory>

</VirtualHost>
```

4. Edit the **default apache SSL configuration file** and add "**AllowOverride All**"

```
root@ubuntu ~]# vim /etc/apache2/sites-available/default-ssl.conf

<IfModule mod_ssl.c>

<VirtualHost _default_:443>

ServerAdmin webmaster@localhost

DocumentRoot /var/www/html

<Directory /var/www/html>

AllowOverride All

</Directory>

SSLEngine on
```

```
SSLCertificateFile /etc/ssl/certs/apache-selfsigned.crt  
SSLCertificateKeyFile /etc/ssl/private/apache-selfsigned.key  
  
</VirtualHost>  
  
</IfModule>
```

5. Create a **.htaccess** file and add the below rules. Replace below domain name with your domain name.

```
root@ubuntu ~]# vim /var/www/html/.htaccess  
  
RewriteEngine On  
  
RewriteCond %{HTTP_HOST} !^server.gateway.com$  
RewriteRule ^(.*)$ https://server.gateway.com/$1 [R=301,L]  
  
RedirectMatch ^/$ https://server.gateway.com/ezlogin/
```

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- [Change the web URL / URI of Ezeelogin Installation](#)

Online URL: <https://www.ezeelogin.com/kb/article/redirect-ip-to-domain-name-in-linux-525.html>