

# remoteIP

cPanel

install the mod\_remoteip Apache module via EasyApache in WHM

Create the following file on the server:

```
1  
vim /etc/apache2/conf.modules.d/370_mod_remoteip.conf
```

In here, we need to enter the addresses for proxying, in this example I'm using CloudFlare's IP ranges:

```
1  
2  
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21  
22  
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```

RemoteIPHeader CF-Connecting-IP  
RemoteIPTrustedProxy 103.21.244.0/22  
RemoteIPTrustedProxy 103.22.200.0/22  
RemoteIPTrustedProxy 103.31.4.0/22  
RemoteIPTrustedProxy 104.16.0.0/13  
RemoteIPTrustedProxy 104.24.0.0/14  
RemoteIPTrustedProxy 108.162.192.0/18  
RemoteIPTrustedProxy 131.0.72.0/22  
RemoteIPTrustedProxy 141.101.64.0/18  
RemoteIPTrustedProxy 162.158.0.0/15  
RemoteIPTrustedProxy 172.64.0.0/13  
RemoteIPTrustedProxy 173.245.48.0/20  
RemoteIPTrustedProxy 188.114.96.0/20  
RemoteIPTrustedProxy 190.93.240.0/20  
RemoteIPTrustedProxy 197.234.240.0/22  
RemoteIPTrustedProxy 198.41.128.0/17  
RemoteIPTrustedProxy 2400:cb00::/32  
RemoteIPTrustedProxy 2606:4700::/32  
RemoteIPTrustedProxy 2803:f800::/32  
RemoteIPTrustedProxy 2405:b500::/32  
RemoteIPTrustedProxy 2405:8100::/32  
RemoteIPTrustedProxy 2a06:98c0::/29  
RemoteIPTrustedProxy 2c0f:f248::/32

This list is correct as of April 2024, it may be worth double checking [CloudFlares IP range list](#) to ensure all IPs are included.

Once you've done this, we need to update the log formatting to instruct Apache to write logs correctly.

Via WHM, browse to the following page:

WHM > Service Configuration > Apache Configuration > Global Configuration

From here we need to amend the combined and common LogFormat variables.

In short, any reference to 'h' needs to be replaced with an 'a'

Before:

```
1  
%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"
```

After:

1

```
"%a %l %u %t \"%r\" %>s %b \"%{Referer}i\ \"%{User-Agent}i\"
```

Save the configuration and make sure Apache reloads without any issues.

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