

## Logging Actual Client IP Address on the Apache Server

<https://campus.barracuda.com/doc/22118828/>

To extract and log the actual client IP address from the X-Forwarded-For header of a request using an Apache server, make the following changes to the server:

1. Log into the Apache server.
2. Go to **/etc/httpd/conf** or **/usr/local/apache2/conf** path and open the file **httpd.conf**.
3. Search for the string: **“LogFormat “%h %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"” combined”**
4. Change the **%h** to **“%{X-Forwarded-For}i**. The string now appears as **“LogFormat “%{X-Forwarded-For}i %l %u %t \"%r\" %>s %b \"%{Referer}i\" \"%{User-Agent}i\"” combined”**
5. Save the file and restart either apache or httpd.

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