

Pseudo-hosts values for xdebug.client_host

In some cases, the value for xdebug.client_host needs to be dynamic. For example, with WSL2, on every reboot the host IP and network change, which requires an update of xdebug.client_host. There are several different scenarios.

- PHP/Xdebug Running in Docker on Linux/Windows/OSX, IDE on Host
 - While running on **Linux**, you can set xdebug.client_host to "host.docker.internal", but only if add --add-host="host.docker.internal:host-gateway" (or docker-compose.equivalent).
 - **New: Use pseudo host "xdebug://gateway"**
 - While running on **OSX** or **Windows**, you can set xdebug.client_host to "host.docker.internal", without having to add the configuration setting
 - **New: Use pseudo host "xdebug://gateway"**
- PHP/Xdebug Running in **root-less** Docker on Linux, IDE on (Linux) Host
 - You need to set xdebug.client_host to the public IP address of your host, which you can find with "**hostname -i**" on the host (and not inside the container).
- PHP/Xdebug Running in WSL, IDE on Windows Host
 - xdebug.client_host should be set to the gateway address, for which no standard name exists (unlike Docker)
 - **New: Use pseudo host "xdebug://gateway"**
- PHP/Xdebug Running in **Docker in Ubuntu** on WSL, (Linux version of) IDE in WSL
 - xdebug.client_host should be set to the output of "wsl hostname -l", which can also be found in the output of "ip r" command, and the /proc file system
 - **New: Use pseudo host "xdebug://gateway"**
- PHP/Xdebug Running in **Docker for Windows (Docker Desktop)** in WSL, (Linux version of) IDE in WSL
 - xdebug.client_host should be set to the output of "wsl hostname -l", which can also be found in the output of "ip r" command, and the /proc file system inside **WSL** (not in Docker in WSL).
 - **Suggestion: ???**
- PHP/Xdebug Running in **Docker in Ubuntu** on WSL, **IDE on Windows** Host
 - For WSL2 not using Docker Desktop you have to look at /etc/resolv.conf and get the nameserver there and use that.
 - **New: Use pseudo host "xdebug://nameserver"**
 - **I still don't know how this works :-) Comments?**
- PHP/Xdebug Running in **Docker for Windows (Docker Desktop)** in WSL, **IDE on Windows** Host
 - I still don't know how this works :-) Comments?
- Lima/Colima
 - Set xdebug.client_host to 192.168.5.2 (As per <https://github.com/lima-vm/lima/blob/master/docs/network.md#host-ip-19216852>)

cat /proc/self/net/route

```
Iface Destination Gateway Flags RefCnt Use Metric Mask MTU Window IRTT
eth0 00000000 01201AAC 0003 0 0 0 00000000 0 0 0
```

eth0 00201AAC 00000000 0001 0 0 0 00F0FFFF 0 0 0