

# Setting up the VPN

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# 1 - Requirements

- Your personal PCI credentials
- Operating system: Linux/MacOS/Windows
- Your brain

## 2 - VPN Configuration

### MacOS/Windows


Visit <https://gp-vpn.kooomo.com/> and login with your personal credentials.  
Download and install the software.

Open the software (GlobalProtect). Introduce “**gp-vpn.kooomo.com**” as Portal and click on “Connect” as shown in the screenshot



It will ask you again for your personal credentials.



After that it will show “Status: Connected” and the following icon in the status bar 

## GNU/Linux

There is no GlobalProtect client for GNU/Linux, but we can use the native networkmanager.

Install the following packet if not present

- **Debian based distros:** `sudo apt-get install network-manager-vpnc`
- **Fedora:** `sudo dnf install NetworkManager-vpnc`
- **CentOS/RHEL:** `sudo yum install NetworkManager-vpnc`

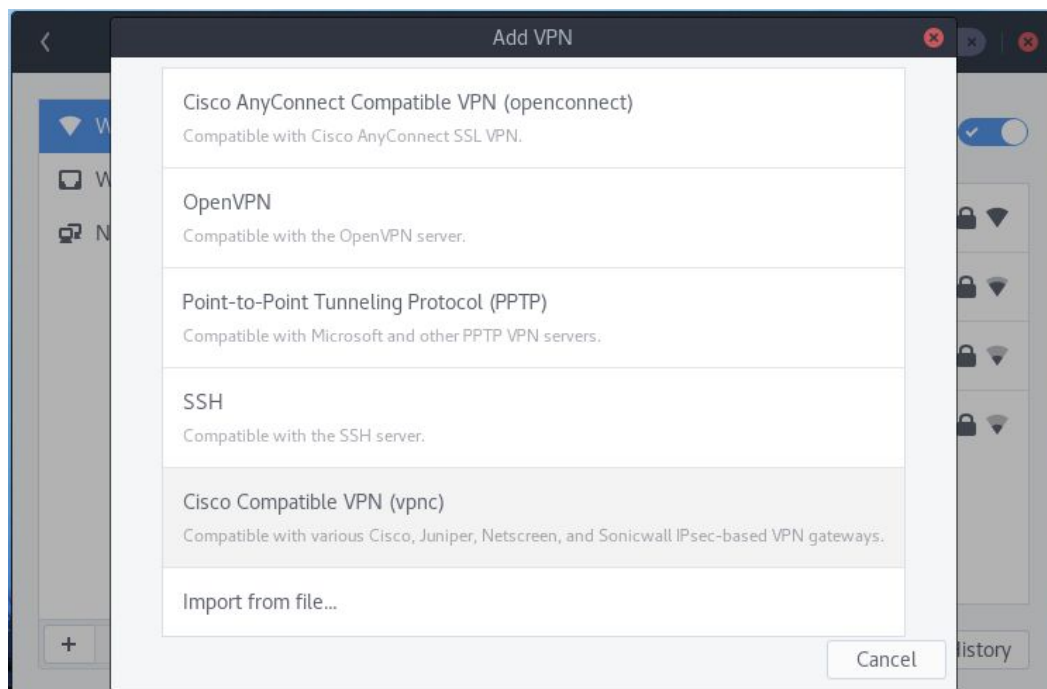
Open the NetworkManager and create a new Cisco VPN (vpnc) connection.

Introduce “**gp-vpn.koomo.com**” as Gateway, you personal credentials as User name and User password and the following credentials as Group name and Group password:

**Group name: kooomovpnsecure**

**Group password: S0RmJ8B222ae2w**

## GNOME



Add VPN

Identity

IPv4

IPv6

Name: Kooomo VPN

Firewall Zone: Default

☐ Make available to other users

General

Gateway: gp-vpn.koomo.com

User name: p.maceda

User password: [password icon]

Group name: koomovpnsecure

Group password: [password icon]

☐ Show passwords

☐ Use hybrid authentication

CA File: (None)

Advanced...

Cancel Add

KDE

Edit Connection 'Koomo VPN' — Connection editor ? v ^ x

Connection name: Kooomo VPN

General configuration VPN (vpnc) IPv4

Gateway: gp-vpn.koomo.com

User name: a.costa

User password: [password icon] [eye icon] [save icon]

Group name: koomovpnsecure

Group password: [password icon] [eye icon] [save icon]

☐ Use hybrid authentication

CA file: [file icon]

Advanced...

✓ OK [cancel icon] Cancel

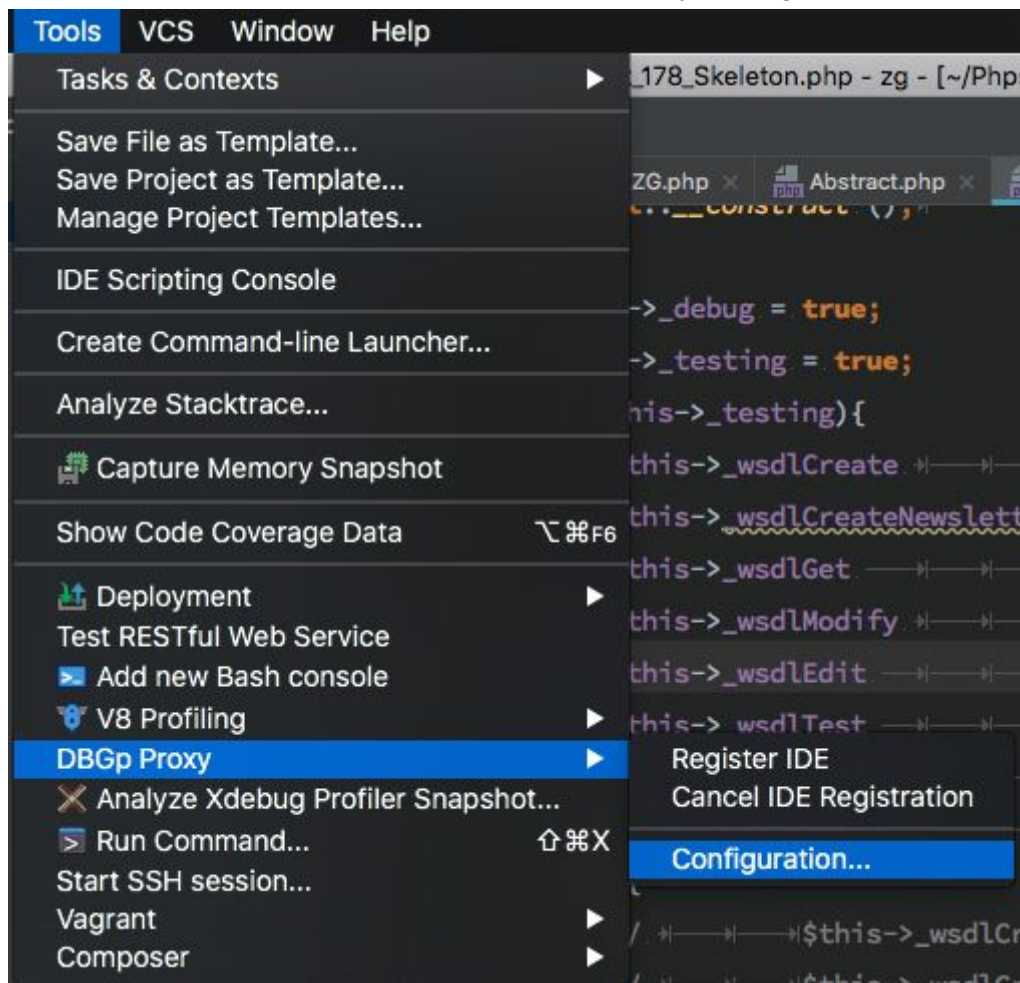
## 3 - Migrating connections

Now with the VPN we can connect with the servers directly, without creating a tunnel. This means that we should do some changes in the connections:

### xDebug

There is only one change to do in order to make xDebug working again.

Open PhpStorm and in the menu Tools>DBGp Proxy>Configuration...



Set “**proddockr01.kooomo.local**” as Host

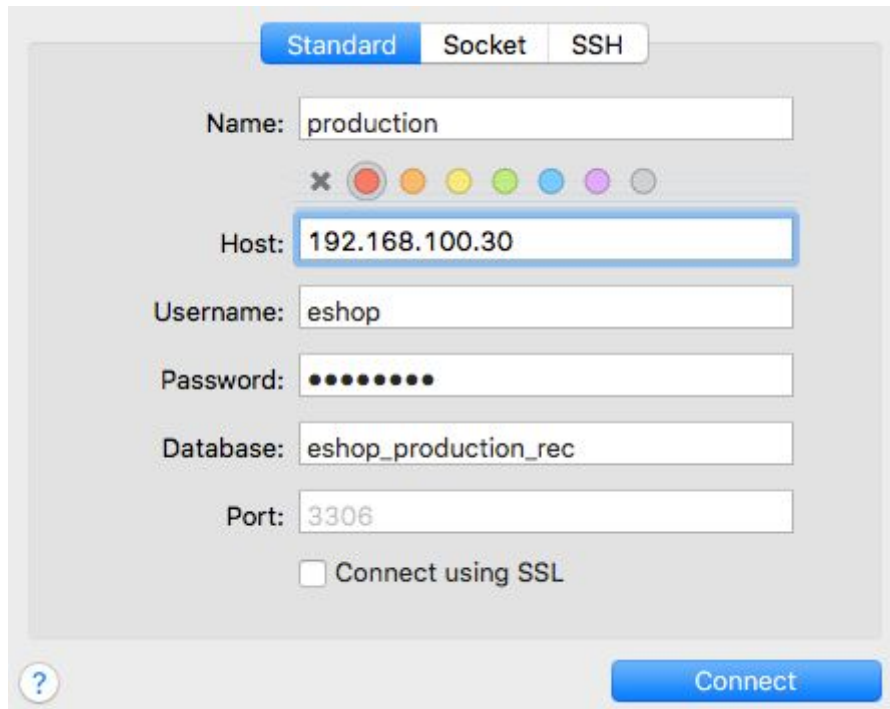
IDE key:	<input type="text" value="pmaceda"/>
Host:	<input type="text" value="proddockr01.kooomo.local"/>
Port:	<input type="text" value="9001"/>

## MySQL/Redis

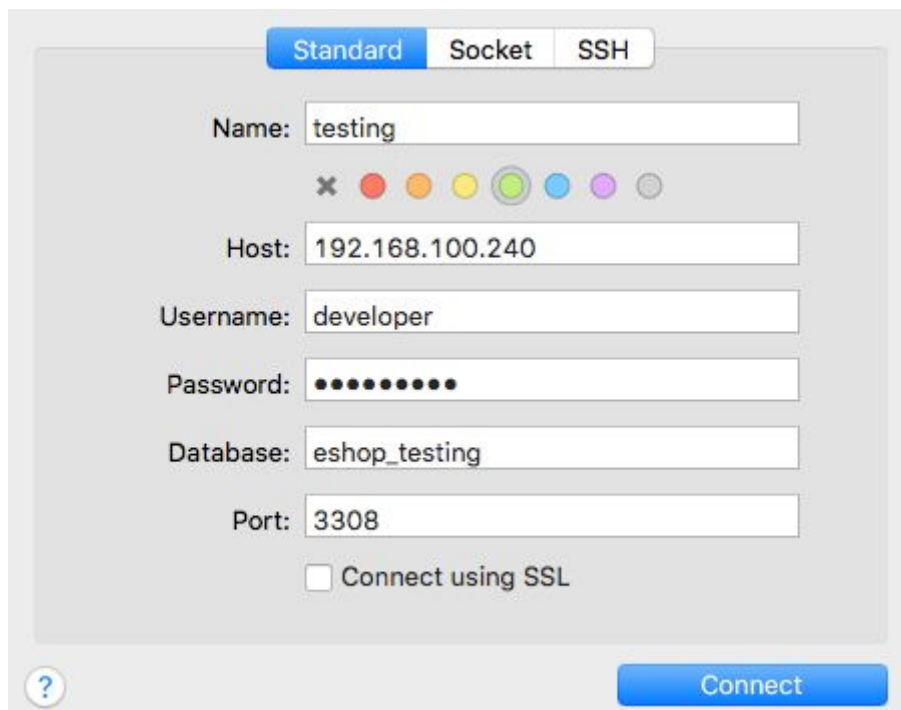
In case you were using the public IP you should use now the **private local IP**, as the public one will be disabled in the following days.

In the other hand, if you were using the SSH tunnel, **remove the tunnel** configuration, as now you are able to connect with the local IP address.

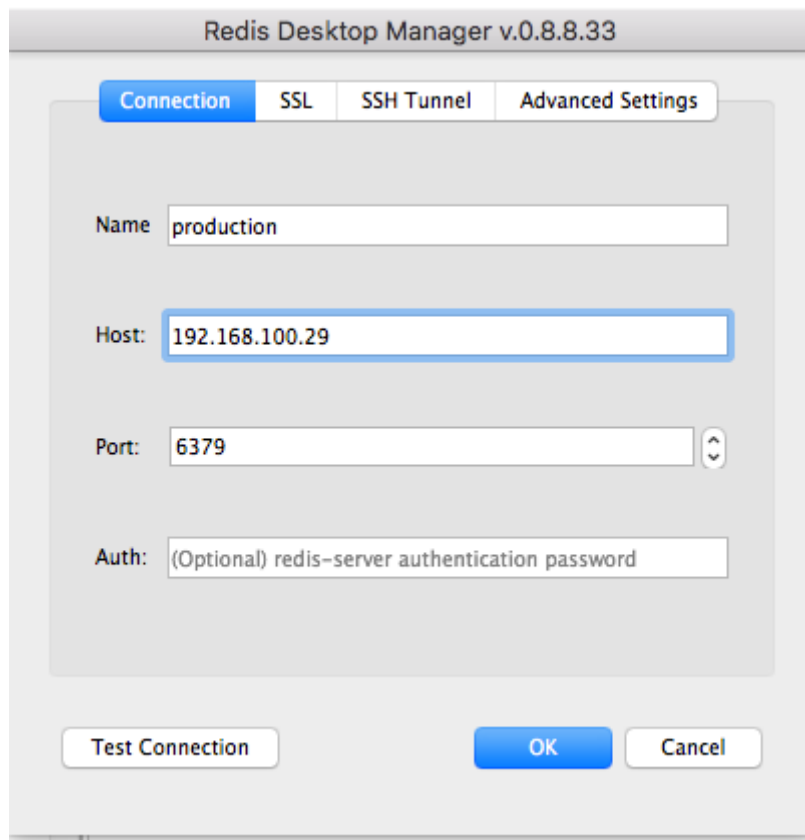
Examples:



A screenshot of a MySQL/Redis connection configuration window. At the top, there are three tabs: "Standard" (selected), "Socket", and "SSH". Below the tabs, there are several input fields: "Name" with the value "production", "Host" with the value "192.168.100.30", "Username" with the value "eshop", "Password" with masked characters "••••••••", "Database" with the value "eshop\_production\_rec", and "Port" with the value "3306". There is a checkbox labeled "Connect using SSL" which is currently unchecked. At the bottom right, there is a blue "Connect" button. A help icon (?) is located at the bottom left.



A screenshot of a MySQL/Redis connection configuration window, similar to the one above. It has the same tabs: "Standard" (selected), "Socket", and "SSH". The input fields are: "Name" with the value "testing", "Host" with the value "192.168.100.240", "Username" with the value "developer", "Password" with masked characters "••••••••", "Database" with the value "eshop\_testing", and "Port" with the value "3308". The "Connect using SSL" checkbox is also unchecked. A blue "Connect" button is at the bottom right, and a help icon (?) is at the bottom left.



## SSH

This is necessary only in case you've changed the ssh config file.

In that case edit the file `~/.ssh/config` and remove the line:

```
ProxyCommand ssh -W %h:%p login.kooomo.com
```

### Pro tip:

You can tell ssh to login in all the Kooomo servers with your username adding this:

```
Host *.kooomo.local
  User p.maceda
```