

# Configure i-mscp to navigate behind a proxy

When connecting to the outside one can use proxy server to avoid part of the risk of being infected by using a list of trusted sites where you are connecting, in that case even if a website is infected, it won't be able to download the infection kit. On a server that stuff has to be configured in several places so i-mscp can use it, here are the places where you will have to configure the navigation proxy in order for it to work.

## Apt-get

If you are on debian, you will have to configure the server to download its updates via proxy, you have to edit the file `/etc/apt/apt.conf.d/proxy-guess` and set it to:

```
Acquire::http::Proxy "http://user:password@proxy.example.com:3128/";
```

## I-mscp engine

The perl engine of i-mscp installer relies on curl to download the information from the internet. To configure curl through a proxy, you will have to create a file `/root/.curlrc` with a content like this:

```
proxy = http://user:password@proxy.example.com:3128
```

This is used to retrieve all the i-mscp addons (core components not directly developed by i-mscp team) such as roundcube, phpmyadmin or ajaxplorer. More info [here](#)

## Environment variables

The variable `http_proxy` needs to be exported so composer can download the packages (see [here](#)) You can either set the variables prior installing/upgrading i-mscp

```
http_proxy = http://user:password@proxy.example.com:3128  
https_proxy = http://user:password@proxy.example.com:3128
```

Or add those same lines at the end of `.bashrc` (so the proxy will be enabled every time you log in)

## Software packages

They are downloaded currently via `file_get_contents()`, using a proxy is more complex with this option, the approach in that case should be something like [this](#) Still it's not strictly necessary for the standard install.

## Typical issues

If you see an error like this:

```
[ERROR]
Error while performing step:
Addons pre-installation
Error was:
iMSCP::Addons::Composerinstaller::installPackages:
[Composer\Downloader\TransportException]
The "http://packagist.org/p/imsdp/.....json" file could not be
downloaded: failed to open stream connection timed out
```

It's probably that you haven't exported the `http_proxy` and `https_proxy` environment variables.

From:  
<https://wiki.i-mscp.net/> - **i-MSCP Documentation**

Permanent link:  
<https://wiki.i-mscp.net/doku.php?id=start:howto:navigationproxy&rev=1369401296>

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