

## Quick Start Guide

Joomla!: Guidelines for installation and setup



### Why Joomla!

Joomla! is the largest and fastest growing open source content management system (CMS) community on the web. Open source software has two distinct advantages:

- You will never be charged for downloading the installation files.
- It has a large development community made up of hundreds of volunteers, therefore updates and security issues are resolved a lot quicker than is the case with commercial software products.

There are over 200, 000 registered users on their official forum posting on 300,000 threads in over forty languages. This means help and support can be easily acquired through their web forum. Another reason why Joomla! is one of the top CMS software packages available at present is because it was created using a modular design strategy. This makes the addition of features and functionality to your Joomla! package relatively quick and easy.

### Security Issues:

As a hosting company Hetzner is committed to act against criminal activity such as phishing and unsolicited email (Spam) quickly and diligently. We have identified that compromised content management systems such as Joomla! are one of the leading causes of these problems. To guarantee your site's uptime and the reputation of your business, it is critical for you as a Joomla! user to secure your site. As Joomla! is continually being developed and improved, it is critical to understand that securing your site is not a once off affair. Despite the basics of ensuring secure file permissions and ownerships, it is also necessary to stay up-to-date with the latest security updates and patches. Please refer to the following link on the official Joomla! documentation site for security basics and information on how to sign up for the latest security updates:

[http://docs.joomla.org/Joomla\\_Administrators\\_Security\\_Checklist](http://docs.joomla.org/Joomla_Administrators_Security_Checklist)

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### Pre-installation requirements:

- FTP access details for the domain with a **Basic account** or higher.  
<http://hetzner.co.za/start>
- FTP program  
<http://hetzner.co.za/ftp-info>
- MySQL database details  
<http://hetzner.co.za/mysql>
- *Optional: SSH Access (contact [support@hetzner.co.za](mailto:support@hetzner.co.za) to enable SSH)*  
Access: <http://hetzner.co.za/enable-ssh>  
Client: <http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html>

### Part 1: Installing Joomla!

All Hetzner's shared and managed web servers are LAMP (LINUX, Apache, MySQL, PHP) compliant. This makes the installation of Joomla! relatively quick and easy.

Choose from 2 installation options:

- **Option 1 (FTP)**: Download the CMS, unzip the downloaded file on your local computer (PC) and to upload the extracted files and folders to your hosting account via FTP (slower option).
- **Option 2 (SSH)**: Retrieve the zip file from within your hosting package via SSH and decompress within this location.

#### **Option 1: (FTP)**

As Joomla! is open source software, the installation files are freely available on the Joomla! website: <http://www.joomla.org/>

Ensure you choose the latest Joomla version which includes the latest features and security updates.

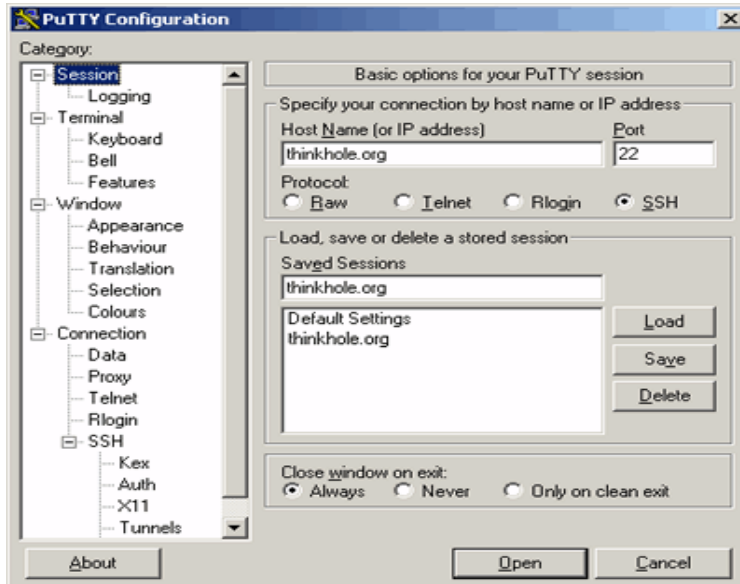
- Download the CMS from [www.joomla.org](http://www.joomla.org)
- Unzip the installation file on your local computer
- Connect with your FTP client and select the `public_html` on the server
- Browse to your local Joomla! Installation in the FTP client
- Upload the unzipped files and folders

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### Option 2: (SSH)



Please follow the steps below to access your server via PuTTY:

- Start the PuTTY SSH client
- In the host name text box type your FTP user name, followed by the @ sign and your domain name ([ftpuser@domain.com](mailto:ftpuser@domain.com))
- Now enter your FTP password
- `cd public_html`
- `rm -f index.htm` (Hetzner landing page)

Go to <http://www.joomla.org/download.html>, right click on the latest download 'ZIP' version of Joomla! and copy the URL (eg. 'Copy Link Location' or 'Copy Shortcut'). Return to your SSH session:

- `wget` (paste the copied URL here)
- `unzip Joomla_X.X.X-Stable-Full_Package.zip`
- `rm -rf Joomla_X.X.X-Stable-Full_Package.zip`

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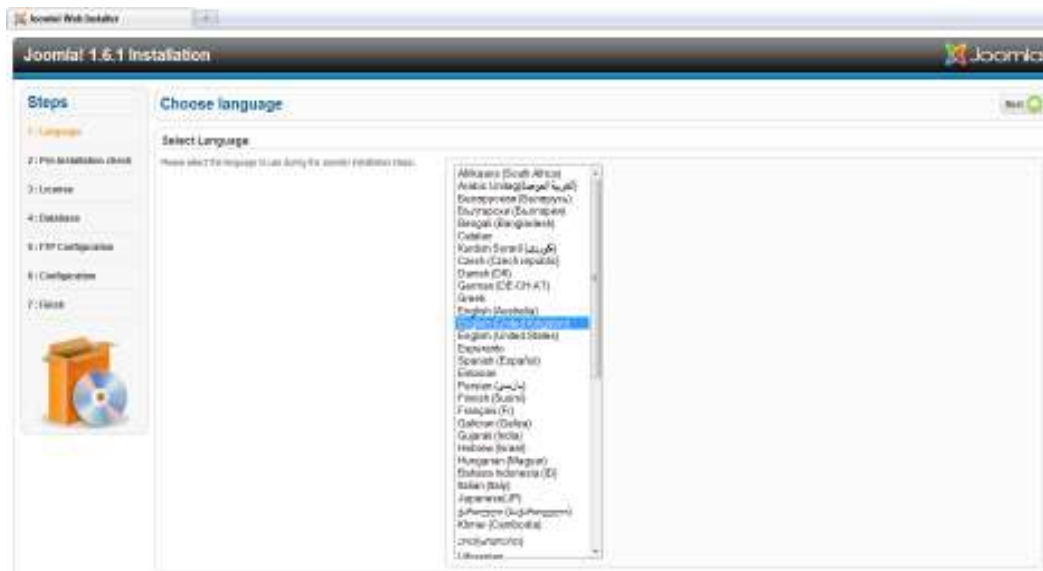
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### Part 2: Configure Joomla!

Once you installation in complete you need to configure the Joomla! web installer.

When browsing to your Joomla! Installation you will see the following screen:



The first three steps are self-explanatory. When you get to the fourth step you will be prompted for your database connection details:

<http://hetzner.co.za/mysql>

Step five will ask you for your FTP details. The FTP root path is determined by where you have installed Joomla! If you followed the above instructions and installed it to the root of your public\_html directory, you will set the path as:

/public\_html/

Alternatively if you installed Joomla! to a sub directory, your FTP root path will have to be set to:

/public\_html/SUB\_DIRECTORY (replace SUB\_DIRECTORY with the name of your sub directory)

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The next two and final steps are also self-explanatory.

After completing these, ensure you have **deleted the "installation" directory and zip files** via FTP or SSH. When this is done, you have successfully installed Joomla! on a Hetzner web server.