# Amazon S3 / CloudFront integration

### Disclaimer

The software provided is supplied “as is” without warranties or guarantees.

Although the author has attempted to find and correct any bugs in the software program, the author is not responsible for any damage or losses of any kind caused by the use or misuse of the program.

The author is under no obligation to provide support, service, corrections, or upgrades to the free software programs.

### Requirements

* vQmod version 2.5.0 or later
* OpenCart 2.0.0 or later
* FTP access to your server
* Amazon AWS account

**If you experience any problems during set up please raise a support request here:**

[**http://help.welfordmedia.co.uk**](http://support.welfordmedia.co.uk/)

### Installing Amazon S3 / CloudFront module

1. You must download and install vQmod before you install the module. This module will not work without vQmod. http://code.google.com/p/vqmod/downloads/list
2. Backup EVERYTHING. This module is a stable release and has undergone testing but we are not responsible for any data loss or file corruption! Please ensure your database and files are backed up before you proceed.
3. Drag in all of the contents of the Upload folder supplied to your root directory of your website. Your root directory contains folders like “**admin**”, “**catalog**”, “**system**” etc.
4. Now navigate to the installed extensions folder “**Extensions > Modules**”, here you will see a new extension called “**Amazon S3**” – click install.
5. You are done.

# CloudFront integration

CloudFront integration will use the bucket provided in the Settings tab as the origin.

In order to set up CloudFront you will have to do the following tasks:

* Upload your private key onto your shop's server. Make sure it is not publicly accessible.
* Set up two different behaviours. For all requests going to /image/\*, the requests must not use Signed URLs. For all requests going to /download/\* the requests must have Signed URLs.

Optional: if you want use your own domain instead of the default CloudFront's one you will have to do the following tasks:

1. Point your domain to the CloudFront domain (e.g. point [www.example.com](http://www.example.com/) to xxxxxxxx.cloudfront.net)
2. In Distribution's settings area provide the alternative domain
3. Enter your custom domain in OpenCart
4. Warning: CloudFront does not support custom domains with HTTPS, so if you are using HTTPS on your shop you cannot use custom domains.

**If at any point in time you have problems setting up the integration, please raise a support ticket at** [**http://help.welfordmedia.co.uk**](http://support.welfordmedia.co.uk/)

# FAQ

1. **Do I need to upload anything to S3?**No. This module will take care of that for you. You don't need to upload any images to S3. Product Downloads are uploaded to S3 each time you save your Product Download in the back office or use the bulk upload tool.
2. **Where do I upload the Private Key?**You need to upload your Private Key somewhere safe on the server where no one could access it. For starters, you could upload it out side your server's web root.