



Redis module

Optimize your shop
for Prestashop 1.7.0.0 - 1.7.7.5
Update: 05.06.2021

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Install

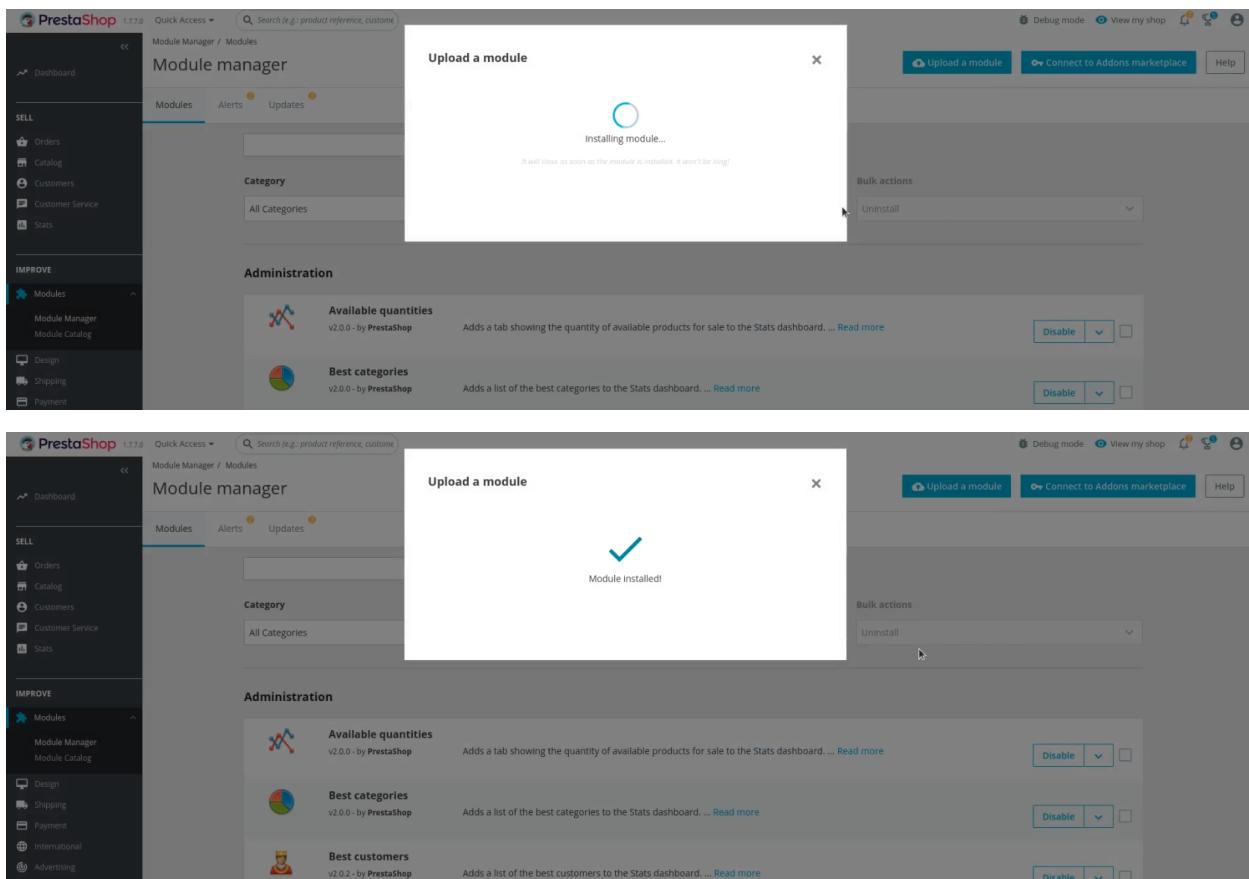
1. Check if you have Redis server installed

1. If not, and you have VPS / dedicated server, follow this instruction to configure Redis properly.

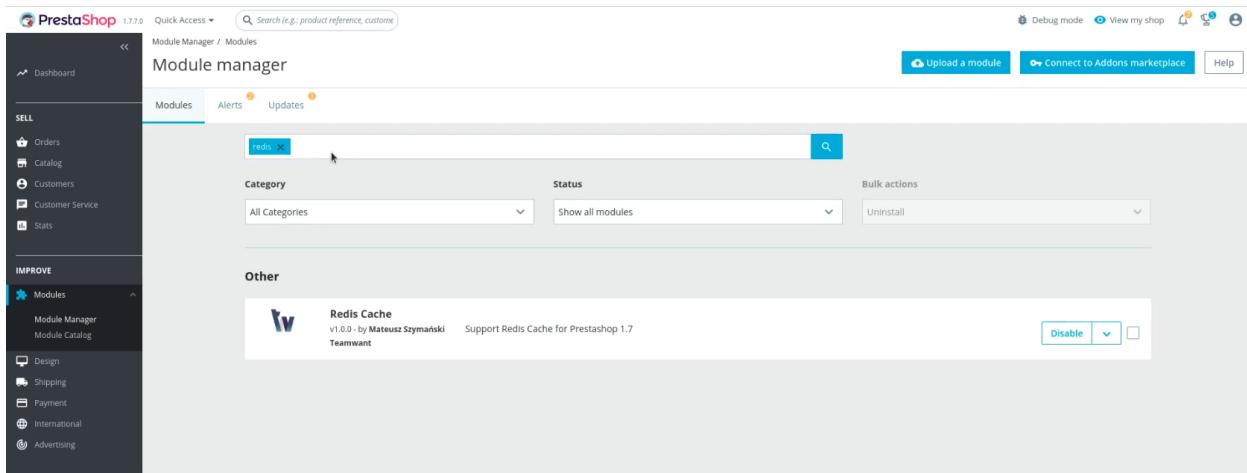
<https://www.digitalocean.com/community/tutorials/how-to-install-and-secure-redis-on-ubuntu-18-04>

2. Install the module using the prestashop module installer.

Remember to choose the right module version for your store. Currently, the module has two versions, one for Prestashop from 1.7.0.0 to 1.7.2.9 and from 1.7.3.0 to the current version.



3. Check module is installed and enabled.



For prestashop 1.7.3+ you can see warning like:

File {FILE PATH} must be writable. Please change permissions on this file and reinstall Redis cache module.

Unfortunately from that prestashop versions, we are require different write permissions.

When we test installation on shared hosting we didn't need to repair permissions manually, but if you have such an error please check the write and read permissions for files:

- src/PrestaShopBundle/Form/Admin/AdvancedParameters/Performance/CachingType.php
- app/config/parameters.php
- /modules/teamwant_redis/config/ (Write privilege for directory)

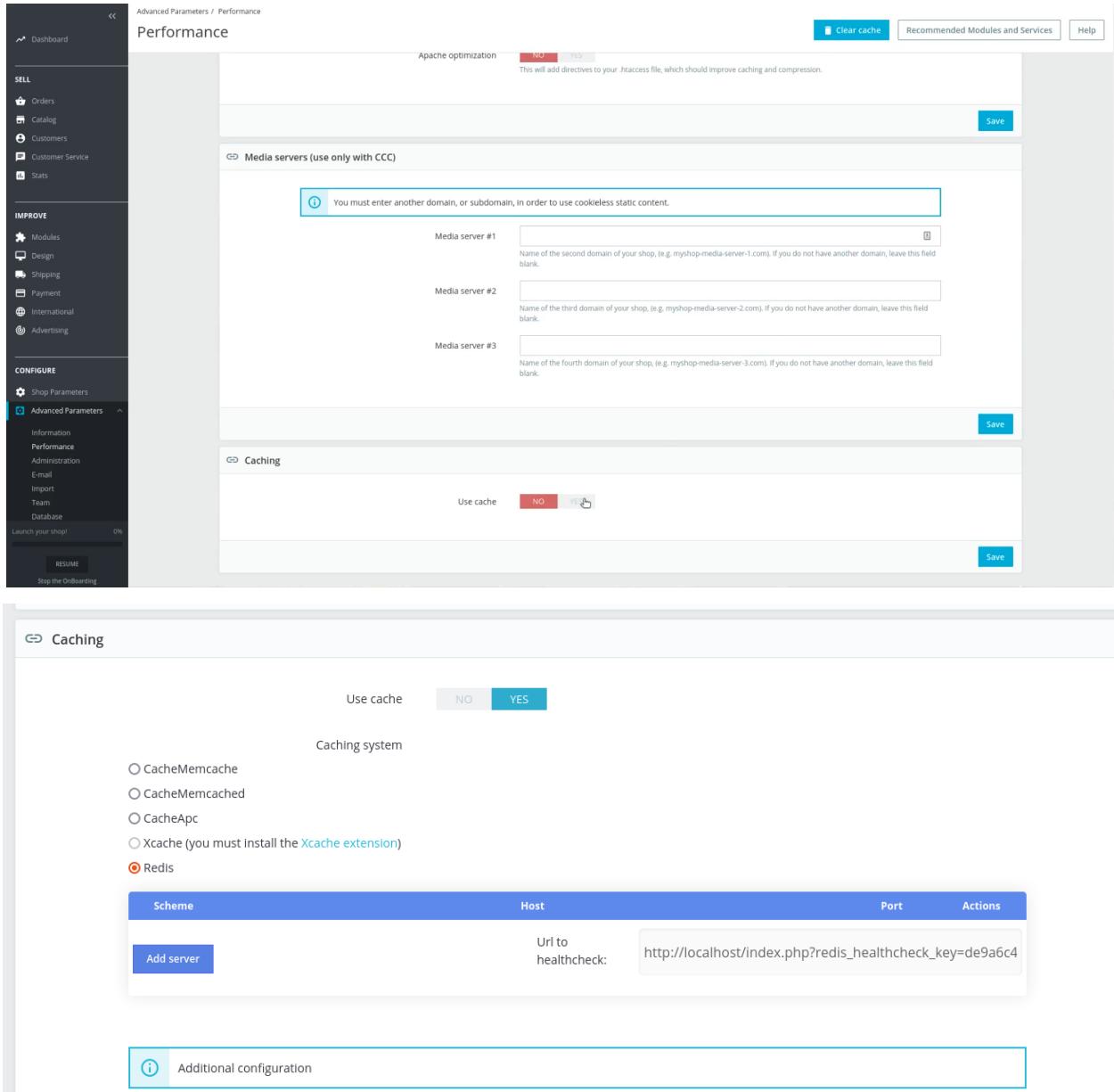
UNIX Socket

For **linux / unix** sockets support you have to enter other data in server configurations. So go to **Advanced > Performance** tab and then to module configuration. In the **Scheme** field enter the word **"unix"**, in the **Host** field enter the valid **path** to our redis socket, in the **port** field enter the value **"0"**. This configuration will allow us to use the socket properly.

Scheme	Host	Port	Alias	Nazwa użytkownika	Hasło	Akcje
unix	/tmp/redis.sock	0	RDS_5fe28d44759	Nazwa użytkownika	Hasło	
						Url to healthcheck: <input type="text" value="http://localhost/index.php?redis_healthcheck_key=9"/>

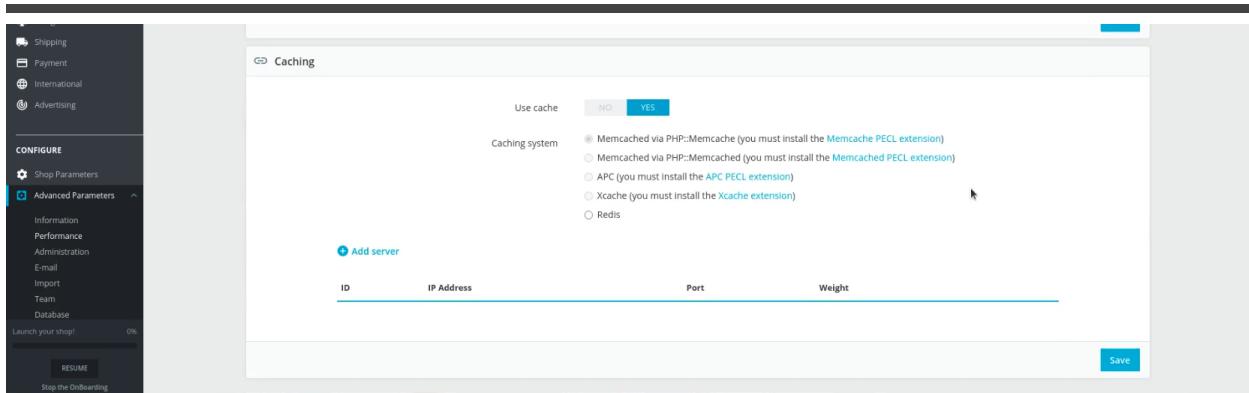
Usage

Using the module is very easy. In admin panel, in page Advanced > Performance in cache section, we have a new type of cache available:



The screenshot shows the 'Advanced Parameters / Performance' page in the admin panel. The left sidebar includes sections for SELL (Orders, Catalog, Customers, Customer Service, Stats), IMPROVE (Modules, Design, Shipping, Payment, International, Advertising), and CONFIGURE (Shop Parameters, Advanced Parameters - expanded, Information, Performance, Administration, E-mail, Import, Team, Database). The main content area is titled 'Performance' and contains 'Apache optimization' settings (with a progress bar at 60%) and a note about adding directives to the .htaccess file. Below this is a section for 'Media servers (use only with CCC)' with fields for Media server #1, #2, and #3. Under the 'Caching' section, there is a 'Use cache' toggle switch set to 'NO'. A large 'Save' button is located at the bottom right of the main form. The 'Caching' section is expanded, showing options for 'Caching system': CacheMemcache, CacheMemcached, CacheApc, Xcache (with a note about installing the Xcache extension), and Redis (which is selected). A table lists a single Redis server entry with scheme 'Add server', host 'localhost', port '6379', and actions including 'Edit' and 'Delete'. An 'Additional configuration' link is also present.

Now change Caching to “YES”



Select “Redis”:

Click **Add Server** and configure server connection data:

Scheme	Host	Port	Actions
tcp	redis	6379	<button>Test connection</button>
Show Less			
Alias	Username	Password	Index
Alias	Username	Password	0 <button>Remove row</button>
<button>Add server</button>	Url to healthcheck:	http://localhost.com/1775/en/module/teamwant_redis/health	

Default Redis connection for fresh Redis server install is:

Scheme: **tcp**

Host: **127.0.0.1**

Port: **6379**

Alias, Username, Password, Index is optional.

Scheme	Host	Port	Actions
tcp	redis	6379	<button>Test connection</button>
<a>Show More			
<button>Add server</button>	Url to healthcheck:	http://localhost/index.php?redis_healthcheck_key=de9a6c4	

Additional configuration

Use cache in admin panel? NO YES

Use prefix for keys? NO YES

Key prefix
Leave blank to generate automatically

Save

 Add server

That is all :)

tcp redis 05 / 9 [Test connection](#)

Show More

[Add server](#)

Url to healthcheck:

i Additional configuration

Use cache in admin panel? NO YES

Use prefix for keys? NO YES

Key prefix
Leave blank to generate automatically

[Save](#)

[+ Add server](#)

ID	IP Address	Port	Weight

[Save](#)

The screenshot shows a Redis configuration interface. At the top, there are tabs for 'tcp' and 'redis'. Below them is a 'Show More' button. A 'Test connection' button is visible on the right. In the center, there's a 'Url to healthcheck:' field containing 'http://localhost/index.php?redis_healthcheck_key=de9a6c4'. Below this, there's a section titled 'Additional configuration' with two rows of settings:

Use cache in admin panel?	<input type="radio"/> NO	<input checked="" type="radio"/> YES
Use prefix for keys?	<input type="radio"/> NO	<input checked="" type="radio"/> YES

Below these is a 'Key prefix' input field with the placeholder 'Leave blank to generate automatically'. To the right of the input field is a 'Save' button. Further down, there's a table header with columns 'ID', 'IP Address', 'Port', and 'Weight'. At the bottom right of this table area is another 'Save' button, which is highlighted with a red arrow pointing towards it.

After this configuration Redis should work properly.

The table still allows us to test the connection, remove from the configuration of a server, and generates a link to "Healthcheck" tests.

Uninstall

Removal of the module is done by the module installer in PrestaShop. During deletion, the module will turn off the cache system itself and keep the page in constant motion.
