



2N Technologies



Backup and Restoration module for Prestashop



PrestaShop

Guide of installation and use



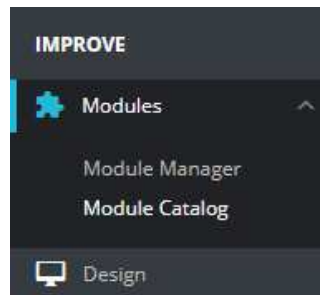
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Installation

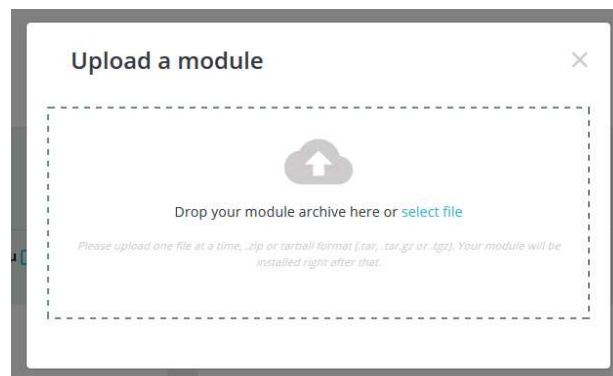
In the backoffice of your shop, go to menu **Improve > Modules > Modules Catalog**.



Click the **"Install a module"** button



Drop your module's file in the appearing windows or click **"Select file"**.





If the module is not automatically installed, click on **"Install"**.



2N Technologies Backup And Restore
v4.0.1 - by 2N Technologies

Backup your prestashop site and easily restore it wherever you want

INSTALL

The module is now ready to be use. You can find it in Improve > Modules > Modules Manager > Modules. The module is called **NtBackupAndRestore (2N Technologies Backup And Restore)**.



2N Technologies Backup And Restore

v11.2.0 - by 2N Technologies

Backup your prestashop site and easily restore it wherever you want

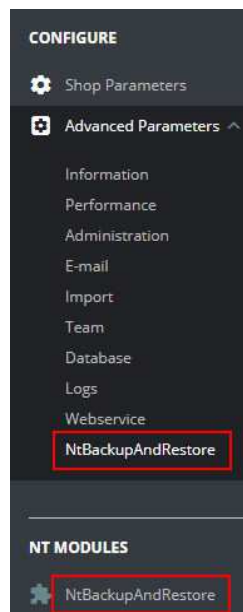
Configure





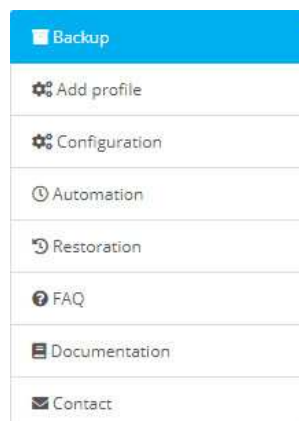
Use

To reach NtBackupAndRestore module, go to menu **Configure > Advanced Parameters > NtBackupAndRestore** or **NT Modules > NtBackupAndRestore**.



The module consists of eight parts that allow you to:

- ✓ Manage your backup
- ✓ Add a profile (only if multi configuration is activated)
- ✓ Set your configuration options
- ✓ Automate your backup
- ✓ Restore your backup
- ✓ Consult the FAQ
- ✓ Download documentation
- ✓ Contact 2N Technologies





1. Backup

The "**Backup**" give you access to multiple functions:

!

Disclaimer before creating a new backup

?

1. 2N Technologies is not responsible for your database, files, backups or restores.

2. You are using NT Backup And Restore at your own risk under the license agreement.

3. Your existing databases and files will be deleted if you restore a backup.

4. Always verify that your backup files are complete, up-to-date and valid, even if a success message appeared during the backup process.

I have read the disclaimer. Please create a new backup.

Complete

BACKUP FILES

28/01/2020 15:24:24: prestashop_1.7.6.3.dump.20200128.152424.tar.gz (118.87 KB) - Database

Safe? ☐

Comment

28/01/2020 15:19:14: prestashop_1.7.6.3.file.20200128.151914.tar.gz (101.73 MB) - File

Safe? ☐

Comment

28/01/2020 15:14:08: prestashop_1.7.6.3.complete.20200128.151408.tar.gz (101.85 MB) - Complete

Safe? ☐

Comment

RESTORATION SCRIPT

?

The restore script allows you to restore your shop in the following cases:

• You no longer have access to your backoffice or module (crash, hack ...).

• You are changing your server.

• You are changing your domain name.

• You are changing your database.

• You are a developer or an advanced user.

• In any other cases.

Download the restoration script

Creation of your backup

After having read and understood the disclaimer, choose which configuration to use (if you have activated multiple profiles) and click the button "**I have read the disclaimer. Please create a new backup**" to create your backup. The creation of the backup may take several minutes depending on your server performance and the size of your shop. You will see the progress of your backup throughout its creation. A button will also appears to allow you to stop the backup if needed.

!

Disclaimer before creating a new backup

?

1. 2N Technologies is not responsible for your database, files, backups or restores.

2. You are using NT Backup And Restore at your own risk under the license agreement.

3. Your existing databases and files will be deleted if you restore a backup.

4. Always verify that your backup files are complete, up-to-date and valid, even if a success message appeared during the backup process.

Stop the running backup.

PROGRESS

Backing up files: 52%



The creation goes through five main stages:

- Backup of your database
- Listing of your files
- Backup of your files
- Compression of the backup
- Send away the backup if configured that way

The end of the backup will be indicated by a message of success or error. On error, please send us the error so we can help you and improve the module.

Warning! A backup is useful only if you check it.

Available action for your backup

Backup files are listed from newest to oldest. The first button allows you to **download** the file. The second button allows you **send your backup to the distant accounts** enabled in your configuration. The third button allows you to **delete** it. You can also add a comment to your backup or mark it as safe, so it will not be automatically deleted.

The module automatically removes too old backup files depending on your configuration. To restore your backup, please read "**4. Restoration**".

Download restoration script

Click the "**Download the restoration script**" button to get the php script that allows you to easily restore your backup on a different server. Read "**4. Restoration**" to find out how.

Download debug log

If you chose to save the debug logs in the configuration, a button "**Download the logs**" allows you to get them. This is a text file containing all the messages sent by the module. The purpose of such a file is to determine the origin of an error in order to fix it. Normally, you do not need it.

Send away your backup

Your backups can be automatically sent away if you have configured some distant accounts. You can choose to send away your backup manually by clicking the "**Send away**" button on the right of the "**Download**" button. Your backup will be sent to all your enabled distant accounts.

Delete your backup

The previous backup is automatically deleted when you create a new backup depending on your configuration.

You can remove it manually by clicking the "**Delete**" button on the right of the "**Send away**" button. This is useful if you want to free space on your server.



2. Configuration

The "**Configuration**" has two settings, simple configuration and multiple configurations. If the multiple configurations is enable, you will be able to create multiple profiles that you will then be able to configure and use separately. If the multiple configurations is not enable, you will be able to use only one configuration.

Multiple configurations

To activate the multiple configuration, go to the bottom of the configuration tab.

Multiple configurations

YES NO

Save

To add a new profile, go to the tab "**Add profile**". You just need to give a name to your new profile, so you can recognize it, and indicate the type of backup this profile will do (complete (files and database), only files, only database dump)

ADD PROFILE

ADD A NEW PROFILE

Name

Fill in a name for this new profile

Type

Complete
File
Dump

Save



When your new profile is created, you can go to the tab **"Configuration"**, where your new profile will appear in the list of available profiles.

To modify a profile, choose the profile you want in this list. By default, the default configuration is displayed.

At top, you will see your profile information. You can change its name and decide if it should be the default configuration or not.

Please note that the full restoration of your shop can not be done properly if you do not have a full backup. Therefore, the two partial backup types (files and dump) should be used only if you know exactly what you are doing.

Configuration

In the configuration, simple or multiple, you will find mostly the same features. Those features are divided in two parts: basic and advanced.

In the basic configuration you can:

- Choose the number of backups to keep locally
- Choose to send the backup's result by email
- Choose to receive the result by email only when an error occurred
- Configure an email address to use to receive the backup's result
- Create accounts to send your backups away.
- List accounts for each kind of account. In green when enable, orange when disable.
- Choose to send the backup on FTP/SFTP servers
- Enable SSL connexion (FTPS) and passive mode
- Choose the number of backups to keep on each FTP/SFTP servers
- Configure your FTP/SFTP connections
- Choose to send the backup on Dropbox accounts
- Choose the number of backups to keep on each Dropbox accounts
- Configure your Dropbox accounts
- Choose to send the backup on ownCloud/Nextcloud accounts
- Choose the number of backups to keep on each ownCloud/Nextcloud accounts
- Configure your ownCloud/Nextcloud accounts

- Choose to send the backup on WebDAV accounts
- Choose the number of backups to keep on each WebDAV accounts
- Configure your WebDAV accounts
- Choose to send the backup on Google Drive accounts
- Choose the number of backups to keep on each Google Drive accounts
- Configure your Google Drive accounts
- Choose to send the backup on OneDrive accounts
- Choose the number of backups to keep on each OneDrive accounts
- Configure your OneDrive accounts
- Choose to send the backup on Hubic accounts
- Choose the number of backups to keep on each Hubic accounts
- Configure your Hubic accounts
- Choose to send the backup on AWS accounts
- Choose the number of backups to keep on each AWS accounts
- Configure your AWS accounts
- Choose to send the restore script with the backup

In the advanced part you can:

- Enable debug logs
- Set a maximum size (in MB) for your backup files
- Set a maximum size (in MB) for the files to add to the backup
- Set a maximum number of line values in one line in the dump
- Set a maximum number of selected line for each database access
- Disable Intermediate renewal
- Change duration of intermediate renewal
- Change duration of the pause between two intermediate renewal
- Change duration between each progress refresh
- Attempt to disable the server timeout
- Use javascript to do your downloads
- Attempt to increase the server memory limit
- Change memory limit
- Save low interest table
- Put your shop in maintenance while creating your backup
- Change security duration between backups
- Enable XSendFile
- Ignore product image
- Save only product image
- Choose to not compress the backup
- Choose to delete your local backup, if it is also sent elsewhere
- Create your backups directly on your distant accounts
- Change the directory in which local backups are created
- Choose to not save some directories
- Choose to not save some type of file (ex: ".mp4")
- Choose to not save some tables (ex: "ps_log")

Under the configuration form, you can:

- Activate the multiple configurations
- Enable progress display for the running backup



CONFIGURATION

Complete backup

CONFIGURATION PROFILE

Backup type: Complete

Name

Complete backup

Default configuration

YES

NO

BACKUPS TO KEEP ON THIS SERVER

Backup to keep locally. 0 to never delete old backups

0

SEND AN EMAIL WITH THE DATE AND HOUR OF THE BEGINNING AND END OF THE BACKUP AND THE RESULT MESSAGE.

YES

NO

SEND AWAY.

FTP

SEND THE BACKUP ON A FTP OR SFTP SERVER.

Accounts configuration

Dropbox

SEND THE BACKUP ON A DROPBOX ACCOUNT.

Accounts configuration

ownCloud

SEND THE BACKUP ON A OWNCLOUD/NEXTCLOUD ACCOUNT.

Accounts configuration

WebDAV

SEND THE BACKUP ON A WEBDAV ACCOUNT.

Accounts configuration

Google Drive

SEND THE BACKUP ON A GOOGLE DRIVE ACCOUNT.

Accounts configuration

OneDrive

SEND THE BACKUP ON A ONEDRIVE ACCOUNT.

Accounts configuration

Hubic

SEND THE BACKUP ON A HUBIC ACCOUNT.

Accounts configuration

AWS

SEND THE BACKUP ON A AWS ACCOUNT.

Accounts configuration

SEND THE RESTORE FILE TOO.

YES

NO

Advanced

Save

Remove this profile

Multiple configurations

YES

NO

Save

Enable progress display for the running backup.


18/02/2020

11/43

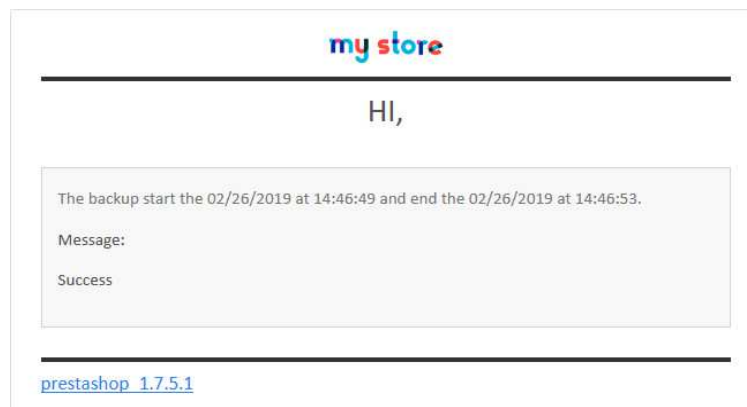
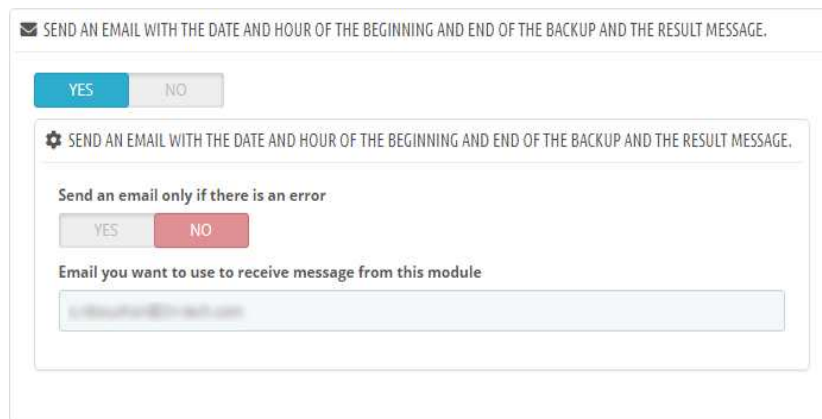
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The **number of backups to keep on this server** selects how many old backup the module must keep locally, for each configuration. Beyond this number, **the oldest backups are deleted automatically** with each new backup. By default only one backup is kept. If you enter 0, no backup will be deleted automatically, it will be necessary to do it manually and check that you do not exceed the maximum storage size of your server.




Send the result by email allow to received, after every backup (or only in case of error), an email with the dates and hours of the start and end of the backup with also a message which indicate either the success of the backup, or all errors that happened during the backup creation.






Send the backup on FTP or SFTP servers allows to send the backup of your shop on FTP or SFTP servers of your choice. You need to set the connection credentials to the server and set the directory in which you want to upload your backup (default is root) for all your accounts.

 SEND THE BACKUP ON A FTP OR SFTP SERVER.

Accounts configuration

SEND THE BACKUP ON A FTP OR SFTP SERVER.

Account 

Account name

Enabled

SFTP (SSH File Transfer Protocol). It is different from FTP or FTPS (File Transfer Protocol Secure).
If you are not sure, it means it is not SFTP.

SSL

Passive mode

Backup to keep. 0 to never delete old backups



Server

Login

Password


Port

Directory


 Save  Delete




Send the backup on Dropbox accounts allows to send the backup of your shop on Dropbox accounts of your choice. You need to authenticate to your Dropbox accounts first and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A DROPBOX ACCOUNT.

Accounts configuration


 SEND THE BACKUP ON A DROPBOX ACCOUNT.

Account Dropbox 1 

Account name

Enabled
YES NO


Backup to keep. 0 to never delete old backups


1.  Authentication


2. Click "Allow" (you might have to log in first)

3. Copy the authorization code

Directory


 Save

 Check connection


 Delete




Send the backup on ownCloud/Nextcloud accounts allows to send the backup of your shop on the ownCloud or Nextcloud accounts of your choice. You need to set the connection credentials to your ownCloud/Nextcloud servers and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A OWNCLOUD/NEXTCLOUD ACCOUNT.

Accounts configuration

 SEND THE BACKUP ON A OWNCLOUD/NEXTCLOUD ACCOUNT.

Account 

Account name

Enabled

YES

NO


Backup to keep. 0 to never delete old backups


User:

Pass:

Server:


Directory (Do not use space):

 Save


 Delete




Send the backup on WebDAV accounts allows to send the backup of your shop on WebDAV accounts of your choice. You need to set the connection credentials to your WebDAV servers and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A WEBDAV ACCOUNT.

Accounts configuration

 SEND THE BACKUP ON A WEBDAV ACCOUNT.

Account 

Account name

Enabled

YES

NO


Backup to keep. 0 to never delete old backups


User:

Pass:

Url (ex: http://localhost/webdav/):


Directory (Do not use space):

 Save

 Delete



Send the backup on Google Drive accounts allows to send the backup of your shop on Google Drive accounts of your choice. You need to authenticate to your Google Drive accounts first and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A GOOGLE DRIVE ACCOUNT.

Accounts configuration


SEND THE BACKUP ON A GOOGLE DRIVE ACCOUNT.

Account Google Drive 1 +

Account name

Enabled
YES NO


Backup to keep. 0 to never delete old backups


1.  - Authentication


2. Click "Allow" (you might have to log in first)


3. Copy the authorization code

Directory

 Display list of directories


 Save

 Check connection


 Delete




Send the backup on OneDrive accounts allows to send the backup of your shop on OneDrive accounts of your choice. You need to authenticate to your OneDrive accounts first and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A ONEDRIVE ACCOUNT.

Accounts configuration

 SEND THE BACKUP ON A ONEDRIVE ACCOUNT.

Account 


Account name

Enabled

YES


NO


Backup to keep. 0 to never delete old backups

1.  - Authentication

2. Click "Allow" (you might have to log in first)


3. Copy the authorization code

 Save

 Delete




Send the backup on Hubic accounts allows to send the backup of your shop on Hubic accounts of your choice. You need to authenticate to your Hubic accounts and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A HUBIC ACCOUNT.

Accounts configuration

SEND THE BACKUP ON A HUBIC ACCOUNT.

Account 

Account name

Enabled

☐ YES ☒ NO



Backup to keep. 0 to never delete old backups

1. Authentication

2. Click "Allow" (you might have to log in first)


3. Copy the authorization code

Directory

 Save  Delete




Send the backup on AWS accounts allows to send the backup of your shop on AWS accounts of your choice. You need to set the credentials to your AWS accounts first and set the directory in which you want to upload your backup.

 SEND THE BACKUP ON A AWS ACCOUNT.

Accounts configuration

SEND THE BACKUP ON A AWS ACCOUNT.

Account 

Account name

Enabled


Backup to keep. 0 to never delete old backups


Access key ID

Secret access key

Region

Bucket

 Save

 Delete



Advanced parameters

Advanced

Enable debug log. Write a file with all messages of the module. Only for debug.

YES

NO

Size max (in MB) for your backup files. 0 if you want to have only one file for your backup, whatever the size

0

Size max (in MB) of the files to add within the backup. 0 if you want to backup all your files, whatever the size

0

Max values line per dump line. Lower number means more disk access. Do not touch this option unless 2N support requires it. This has consequences on restoration capabilities.

100

Max lines number for each database access during dump. Higher number means higher memory use. Do not touch this option unless 2N support requires it. This has consequences on restoration capabilities.

25000

Disable intermediate renewal. The backup will be performed without interruption but the server timeout must be large enough.

YES

NO

Duration of intermediate renewal (default 25 seconds). Must be slightly lower than the server timeout

25

Duration of the pause between two intermediate renewal (default 0 second). Useful for small servers, it saves some resources but progress may be less reactive

0

Duration between progress refresh (default 1 second). Useful for small servers, it saves some resources but progress may be less reactive.

1

Attempt to disable server timeout (Currently, your server max execution time is 3600 seconds.)

YES

NO

Launch downloads in Javascript (Useful if your server interrupts downloads before the end).

YES

NO

Attempt to increase the memory limit to the maximum usually required (128MB). Currently, the memory limit of your server is 2048MB

YES

NO

Dump low interest table. For efficiency, the module do not backup some tables (statistics tables) which may be very big and not very useful. If you want to backup them, enable this option. The backup may take much more time and have a bigger size. Tables ignored: connections, connections_page, connections_source, statssearch, guest...

YES

NO

Put your shop in maintenance while creating your backup. Attention, your shop will be unusable for the duration of the backup.

YES

NO

Security duration between backups (default 600 seconds). Prevents simultaneous launch of backups.

600

Enable XSendfile. XSendFile enables fast file download with very low use of processor and memory.

YES

NO

Product images backup:

Do not ignore product images

Do not compress backup. Useful for small servers, it saves some resources but backup file may be twice bigger.

YES

NO

Delete your local backup file if the backup is sent elsewhere.

YES

NO

Create your backup file on your distant accounts directly. Works with SFTP, Dropbox, ownCloud/Nextcloud, WebDAV, Google Drive, OneDrive, hubiC, AWS. Does not work with FTP. The backup will not be compressed with this option.

YES

NO

Choose another directory to save your backups in. Do not use this option if you are not sure of what you are doing! Default directory: `/modules/backupandrestore/backup/`

`/modules/backupandrestore/backup/`

⚙️ IGNORE SOME DIRECTORIES, FILES TYPES AND TABLES.

⚠️ Be careful, use these advanced options only if you know exactly what you are doing. Deleting folders, files or tables required to run prestashop will make your backup unusable!

Do not save the content of the following directories: ⓘ

📁 Root

Do not save the following types of files. Separate all the values by ",". Ex: .mp4, .pdf

Do not save the following tables. Separate all the values by ",". Ex: ps_log, ps_mail



Enable debug logs to record all messages sent by the module. This is useful only to correct the module when an error occurs. Normally you will not use this option.

The **maximum size for your backup files** option allow you to choose a max size where your backup will be cut. It will divide your backup in smaller files. It is useful if your server as a limit of size accepted by file. This is the approximate uncompressed size. If your backup is compressed, size will be smaller.

The **maximum size of files to add in the backup** option allow you to choose a max size of accepted files for the backup. If a file is equal or larger than this value, it will not be added to the backup.

The **maximum values line per dump line** option allow you to choose the number of line to add per insert in dump file. As it may build an unusable dump with a higher value, do not touch this value unless 2N support team ask you to do it. Default value is 100.

The **maximum selected lines for each database access** option allow you to choose the number of line to select each time the module access the database to get the data to add to the dump. As it may reach some memory limit with a higher value, do not touch this value unless 2N support team ask you to do it. Default value is 25000.

Intermediate renewal allow to workaround the problem of non-modifiable timeout on some servers. Some hosts do not allow modification of the maximum execution time of scripts. For large shops or if the server is weak, backup may take some time. Do not disable them if you are not sure that your timeout is large enough to finish the backup.

The **duration of the intermediate renewals** must be smaller than your server timeout. By default the duration is 25 seconds. If you have a big shop (> 4 GB), you will get better performance by increasing this value but still below your timeout. For example, if your server has a timeout of 300 seconds, enter 290.

The **duration of the pause between two intermediate renewal** is the time in seconds between two intermediate renewal. It allows limited server to take a pause so it is not overloaded.

The **duration between progress refresh** is the time in seconds between each check on the progress of the backup. The higher the value the less resources your server will use, but the display of the progress will also be less dynamic. It is useful for limited server.

Disable server timeout will attempt to disable the timeout so you have no limit of time anymore. Some servers prevent this from being disabled.

Use Javascript to download will help if your server interrupts downloads before their end.

Increase memory limit will attempt to increase the memory limit to the maximum usually required (128MB). Some servers do not allow this increase.



New memory limit allow you to choose the new memory limit instead of the maximum usually required (128MB).

The **backup of low interest tables** is used to save some tables normally ignored by the module. These statistics tables are very heavy and not very useful. By enabling this option, the module will save them, but the backup and restoration can last much longer and your backup will be much heavier.

If you choose to put **your shop in maintenance** while creating your backup, it will prevent access to your shop during the process.

The **security duration between backups** prevents running simultaneous backups. By default the duration is 10 minutes (600 seconds). If the backup lasts a long time, some servers restart the backup several times while it is running. This option is intended to limit this behavior. If you see that several backups are created shortly after the one you have launched, you can increase this duration.

If **XSendFile** is set on your server, you can enable it. XSendFile delegates download files management (normally managed by PHP) to your web server (Apache, Nginx, LigthHttpd...). This improves performance of your downloads while drastically reducing processor power and memory (RAM) requirements. If your shop is popular, it is likely that your backup is big and XSendFile will be very useful. For more information about the XSendFile module read https://tn123.org/mod_xsendfile/

If **ignore products images** is enabled, none of the products images will be save in the backup. They will have to be regenerate in the PrestaShop administration after your shop is restored.

If **save only product images** is enabled, only the products images will be saved in the backup.

If **not to compress backup** is enabled, your backup won't be compress. It can be useful for small servers, it saves some resources but backup file may be twice bigger.

If you choose to **delete the local backup** if it is sent elsewhere, it means that if you send your backup elsewhere (FTP, SFTP, Dropbox, ownCloud, Google Drive or OneDrive), the local backup will be deleted. Your backup will only exist on your distant server.

If you choose to **create your backup directly on your distant accounts**, the backup will not be created locally but will be created on each of your distant account enabled. This may take more time but it is useful if you do not have enough free space on your server. It works with SFTP, Dropbox, ownCloud/Nextcloud, WebDAV, Google Drive, OneDrive, hubiC, AWS. It does not work with FTP. The backup will not be compressed with this option.



If you choose to **ignore some directory**, you have to select those directories in the provided tree. They will be empty in your backup (except for security files if there are some). **WARNING!** Use this advanced option only if you know exactly what you are doing. If you choose to ignore some directories with files needed by Prestashop, your backup will be unusable!

If you choose to **ignore some types of file**, you have to list those types. They will not be in your backup. Each type must be separated by a coma. Ex: “.mp4, .pdf”. **WARNING!** Use this advanced option only if you know exactly what you are doing. If you choose to ignore some file types needed by Prestashop, your backup will be unusable!

If you choose to **ignore some tables**, you have to list those tables. The data of those tables will not be in your backup. Each table must be separated by a coma. Ex: “ps_log, ps_mail”. **WARNING!** Use this advanced option only if you know **exactly** what you are doing. If you choose to ignore some tables needed by Prestashop, your backup will be unusable!

The **Enable progress display for the running backup** button displays the progress of the current backup in the Backup tab. This is useful if a backup has been started automatically (CRON) and you want to see its progress.



3. Automation

The "**Automation**" part allow the backup of your shop to be automatic.

This part is divided in two parts, one with basic options, the other with advanced options.

The basic options allow you to schedule your backup to start at a given hour every day. The 2N server will start your backup automatically at the time given. **No data is sent to the 2N server**, it only start your backup instead of you! Everything runs on you server.

If you rather take care of the automation by yourself, the advanced options give you access to methods to automate the backup of your site.

This is commonly done by the CRON tool on your server. If you do not know how to program a cron on your server, please see the documentation of your host.

For your convenience, we provide some examples of commonly used techniques (URL, Wget, cURL, PHP script).



You can also automatically retrieve your backup, for example to copy it on a remote storage space.

To get the secure download link, click the "**Generate secure download link**" button. This link is unique and is valid as long as you do not regenerate a new link by clicking the button.

If you have activated the recording of debug logs in the configuration, a secure link to get the logs will also be generated.

The automation by 2n-tech.com requires 2N Tech server IP to be authorized to start automation if maintenance mode is enabled. You can choose to authorize both IPv4 and IPv6 (default choice) or only one of them (if your configuration cause issue with one of them) or none if you do not want to authorize automation by 2n-tech.com when in maintenance.



4. Restoration

There are two different ways to restore your backup:

- Restoration on the same server
- Restoration on a different server/domain (this method can also be used to restore on the same server if needed)

To restore on the same server, you can directly use the module. In the **"Restoration"** tab you can choose the type of restoration you want (complete, only files or only database) and choose a backup in the list of your backups. Then you just have to click the button **"I have read the disclaimer. Restore the backup."** and the restoration will start automatically.

If you need to restore a backup that is not recognized by the module (ie: a backup you kept on a distant account but removed from the module) you can add the backup in the folder "modules/ntbackupandrestore/backup". It will appear in the **"Restoration"** tab in the list **"Add backup"**. You can then indicate the configuration profile used to create it and add it back to the module, which will allow you to restore it.

RESTORATION

?

WARNING! Direct restoration on your site is not a trivial operation, do not use this feature lightly.

The shop will be restored on the date of your backup. As a result you will lose all data between the date of your backup and now.

Before restoring your shop, we strongly advise you to download the backup file to your computer, just in case.

BACKUP FILES TO RESTORE

Restore

Complete

28/01/2020 15:14:08 - prestashop_1.7.6.3.complete.20200128.151408.tar.gz (101.85 MB) - Complete - Safe: No

!

Disclaimer before restoring a backup

1. 2N Technologies is not responsible for your database, files, backups or restores;
2. You are using NT Backup And Restore at your own risk under the license agreement.
3. Your existing databases and files will be deleted if you restore a backup.
4. You must have checked that your backup is correct before restoring it.

☒ I have read the disclaimer. Restore the backup.

+ ADD BACKUP

?

The backups listed below are backups that the module does not recognize. They need to be added to the module to be used.

20/01/2020 13:19:23: prestashop_1.7.6.3.complete.20200120.131923.tar.gz (101.85 MB)

Complete

+

18/02/2020

27/43



To restore your backup on a different server (to have a copy or to move your website), you need the restoration script, the backup file and a new database. Whereas if you want to replace your current website by your backup with the restoration script, you will only need the restoration script and the backup file.

In the Backup tab, click the button "**Download the restoration script**" to get it.

Place your backup file and the script where you want to restore your site. Open a web browser and go to the location of the script. **You do not need to install Prestashop previously!**

For example, if you place the script and the backup at the root of your domain name, go to the address <http://www.my-website.com/restore.php> (replace www.my-website.com with your domain name).

The following page should appear:

Nt Restoration for Prestashop

Database connection parameters

Host server * : localhost

Name * :

User * :

Password * :

Options

Start restoration

You can select your language by clicking on the corresponding flag.

Enter information about the database (the new database if you want a copy of your data or the old one if you want to replace your data):

- ✓ **Host server**
- ✓ **Name**
- ✓ **User**
- ✓ **Password**



Advanced choices appear if you click on the "Options" button:

Nt Restoration for Prestashop



Database connection parameters

Host server * :	<input type="text" value="localhost"/>
Name * :	<input type="text"/>
User * :	<input type="text"/>
Password :	<input type="password"/>

Options

Clean	<input checked="" type="radio"/> Yes
Clean files before restore	<input type="radio"/> No
Clean database before restore	<input type="radio"/> No
Intermediate renewal	<input checked="" type="radio"/> Yes
Duration of intermediate renewal. (Current timeout: 3600 secondes) * :	<input type="text" value="25"/>
Duration between progress refresh. :	<input type="text" value="1"/>
Change shop email	<input type="radio"/> No
Create super admin	<input type="radio"/> No
Delete customers emails	<input type="radio"/> No
Disable SSL	<input type="radio"/> No
Disable cache	<input type="radio"/> No
Disable ModPagespeed	<input type="radio"/> No
Disable media servers	<input type="radio"/> No
Enable Mode Dev	<input type="radio"/> No
Change table prefix	<input type="radio"/> No
Change access rights	<input type="radio"/> No
Do not restore files	<input type="radio"/> No
Do not restore database	<input type="radio"/> No
Disable "NoAutoValueOnZero" SQL mode	<input type="radio"/> No
Attempt to disable server timeout	<input type="radio"/> No

Start restoration



Clean:

If you disable this option, your backup file and restore script will not be deleted at the end of the restoration. This option will completely clean your restoration. After a successful restoration, it will delete your backup file, restoration log files and the restoration script itself.

Clean files before restore:

If you enable this option, ALL your files and folders will be deleted before the restoration start, except restoration script and backup file.

Clean database before restore:

If you enable this option, ALL your database tables will be deleted before the restoration start.

Intermediate renewal:

If you disable this option, be sure you have a large enough timeout on your server. Intermediate renewal is used to workaround server time limits. Your restoration will be executed without interruption. It's not something you should do if your server timeout is low.

Duration of intermediate renewal:

Default value (25 seconds) is a good value for most servers. If your server timeout is lower, decrease this value. If you are looking for performance, it is better to choose 5 seconds under your server timeout.

Intermediate renewal ☒ Yes

Duration of intermediate renewal. (Current timeout: 3600 secondes) * :

Duration between progress refresh:

Time between each check of the progression. If your server is limited, you can try to increase the value. It will use less resources, but will also be less dynamic in the progress display.

Change shop email:

If you enable this option, you can replace the contact email of your shop.

Change shop email ☒ Yes

Email * :



Create super admin:

If you enable this option, you can create a super admin or give super admin rights to an existing user. You must provide email, password, first name and last name.

Create super admin	<input checked="" type="radio"/> Yes
Email * :	<input type="text"/>
Password * :	<input type="password"/>
First name * :	<input type="text"/>
Last name * :	<input type="text"/>

Delete customers emails:

If you enable this option, all customers emails will be deleted. This is useful for developers to not send mails inadvertently during testing.

Disable SSL:

If you enable this option, you force the site in unsecure mode. This is useful if your shop was saved in SSL but your new server does not support SSL. If your shop is not using SSL, this option has no effect.

Disable cache:

If you enable this option, you force the site to not use cache. This is useful if your shop was saved with cache enabled but your new server does not support cache. If your shop is not using cache, this option has no effect.

Disable ModPagespeed:

If you enable this option, you force the site to not use ModPagespeed. This is useful if your shop was saved with ModPagespeed enabled but your new server does not support ModPagespeed. If your shop is not using ModPagespeed, this option has no effect.

Disable media servers:

If you enable this option, you force the site to not use media servers. This is useful if your shop used media servers but your new server does not use them. If your shop is not using media servers, this option has no effect.

Enable Mode Dev:

If you enable this option, site will be in developers mode.



Change table prefix:

If you enable this option, you can change the prefix of the tables in your database. By default the table prefix is “ps_”. For security or convenience you can edit it. If you have already changed the prefix and you do not enable this option, it will remain as before, unchanged.

Change table prefix ☒ Yes

Table prefix :

Change access rights:

If you enable this option, you can change folders and files access rights. This option is useless for a Windows server. By default the files are restored in 644 and folders in 755. More explanations on the access rights here: <https://www.linux.com/learn/understanding-linux-file-permissions>

Change access rights ☒ Yes

File access rights :

Folder access rights :

Do not restore files:

If you enable this option, files will not be restored. By default, the dump file will be extracted from the backup. You can choose to not extract it: this is useful for developers, but database dump should already be on the server in that case.

Do not restore files ☒ Yes

Do not extract database ☐ No

Do not restore database:

If you enable this option, the database will not be restored. This is useful for developers to only update files.

Disable "NoAutoValueOnZero" SQL mode:

Useful if mysql is limited by your hoster and cannot restore the database.

Do not attempt to disable server timeout:

To perform a complete restoration, the script needs some time. If the server stops the script before its end, the restoration is not complete. If you get an error, enable this option and increase your PHP max_execution_time.



Click the **"Start Restoration"** button to start restoring your backup.

Start restoration

WARNING! If files are already in the folder, they will be overwritten by those from the backup. Likewise, the tables of the database will also be overwritten by those from the backup.

Restoration can be very long (several minutes) depending on the performance of your server and the size of your backup.

Nt Restoration for Prestashop



Restoring files : 11%

Refresh

You will see the progress of your restoration throughout its execution. The restoration involves 4 main steps:

- Decompress the backup
- Restore files
- Restore database
- Reconfiguration of PrestaShop

On slow servers, it is possible that after a while, the display remains blocked. Click the **"Refresh"** button to refresh the display of the progress. In any case, the restoration continues until the display of a success or error message. On error, please send us the error so we can help you and improve the module.

The following message appears when your backup has been restored:

Nt Restoration for Prestashop



FINISH ! Your backup was restored with success !

Go to your shop

The default configuration can be modified by other PrestaShop modules. If you have problems with your restored site, please inform us so that we can take them into account and improve the module.



5. Restoration automation

This explanation is only for technically advanced users.

Restoration can be executed automatically by configuring GET parameters in URL. Combined with automatic backup and FTP remote sending, automated restoration allows you to have a spare store ready on another domain.

Exemple:

https://mywebsite.com/restore.php?db_server=localhost&db_name=sitedb1&db_user=siteu1&db_passwd=V0vi7Z3gxiQ2mB&clean=true

List of all available parameters:

Configuration	Parameters	Conditions
Host server	db_server	Required. String.
Name	db_name	Required. String.
User	db_user	Required. String.
Password	db_passwd	Required. String.
Clean	clean	'true' to activate the option. String.
Clean files before restore	clean_files_before	'true' to activate the option. String.
Clean database before restore	clean_data_before	'true' to activate the option. String.
Intermediate renewal	activate_refresh	'true' to activate the option. String.
Duration of intermediate renewal	refresh_time	Integer. Default: 25 (seconds)
Duration between progress refresh	progress_refresh_time	Integer. Default: 25 (seconds)
Change shop email	change_shop_email	'true' to activate the option. String.
Email	shop_email	String.
Create super admin	create_super_admin	'true' to activate the option. String.
Email	super_admin_email	Required if activated. String.



Password	super_admin_password	Required if activated. String.
First name	super_admin_first_name	Required if activated. String.
Last name	super_admin_last_name	Required if activated. String.
Delete customers emails	delete_customers_emails	'true' to activate the option. String.
Disable SSL	disable_ssl	'true' to activate the option. String.
Disable cache	disable_cache	'true' to activate the option. String.
Disable ModPagespeed	disable_modpagespeed	'true' to activate the option. String.
Disable media servers	disable_mediaservers	'true' to activate the option. String.
Enable Mode Dev	enable_mode_dev	'true' to activate the option. String.
Change table prefix	change_table_prefix	'true' to activate the option. String.
Table prefix	table_prefix	String.
Change access rights	change_access_rights	'true' to activate the option. String.
File access rights	file_access_rights	Integer. Between 600 and 777
Folder access rights	folder_access_rights	Integer. Between 600 and 777
Do not restore files	do_not_restore_files	'true' to activate the option. String.
Do not extract database	do_not_extract_database	'true' to activate the option. String.
Do not restore database	do_not_restore_database	'true' to activate the option. String.
Disable "NoAutoValueOnZero" SQL mode	disable_no_auto_value_on_zero	'true' to activate the option. String.
Attempt to disable server timeout	disable_time_limit	'true' to activate the option. String.



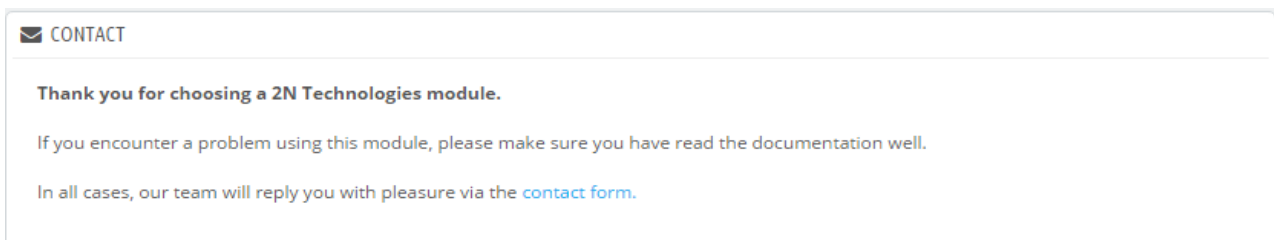
6. Documentation

The "**Documentation**" tab allows you to download the module's documentation in PDF.



7. Contact

The "**Contact**" tab gives you access to the contact form. If you have any problems with the module, please contact us.





8. Frequently Asked Questions

1) What if the module does not react when I run the backup or save the configuration?

- ✓ If you are in maintenance mode, check that your IP address is allowed by PrestaShop (Menu **Preferences > Maintenance**)
- ✓ Check you are logged into the official address of your site, written in your backoffice (**Shop Parameters > Traffic** (Presta > 1.7) or **Preferences > SEO & URLs** (<= Presta 1.6)). Often, there is (or not) www in the address or http instead of https. The module updates the backup progress without reloading the page and if you are not on the correct address, the browser blocks the requests for security reasons. The module displays a message if you are not connected to the correct address.
- ✓ Check the access rights to folders and files of the module. The folders are usually in 755 and the files in 644. More explanations about the access rights here: <https://www.linux.com/learn/understanding-linux-file-permissions>

2) What if the backup remains blocked on a percentage?

The time required to perform a backup depends on the performance of your server and the size of your store. Although the module is already very optimized to reduce this duration to the minimum, it may exceed the maximum allowed time on your server.

Web servers have a mechanism to block too long scripts. This mechanism is useful for stopping buggy scripts that run too long. But in the case of the backup module, it is normal that it lasts longer or shorter.

Indeed, it is easy to understand that the move of a house takes more time if it is a big villa rather than a small apartment (big or small shop) and if there are 2 movers or 15 movers (server power).

To solve this problem, there are a few possibilities. First, in the **advanced configuration**, check that the “**Intermediate renewal**” option is not disable. If it is not and you still have the same issue, activate the option “**Disable server timeout**”. If none of those solutions are enough increase the value (in seconds) of **max_execution_time** on your hosting, to at least **30 seconds**. The way to change this value depends on your host. None has the same method! Often this value is configured between 90 and 300 seconds on most hosts.

If the backup is still blocked at the same percentage after change, contact us. Some web hosts add other limitations, especially if you have a low cost hosting. We will help you solve the problem.

In the **advanced configuration** of the module, you will also find **options for limited or less powerful servers** that can reduce backup execution time.



3) Why should I check my backup?

Creating backups, from a Prestashop module, a software or a device, is never an absolute security. Because of the complexity of the system to backup, it is always possible that an event prevents a good backup creation (power failure, network failure, unstable system, poorly configured automation...).

The backup is never useful except when there is a problem. It then becomes the key element. It would be a pity to see at this very moment that the backup can not be restored because there was a problem during creation. It is therefore essential to regularly check if the backup is created correctly.

4) How to check the integrity of the backup? How to check that the backup is functional?

The first basic checking to do is to look at the size of your backup. Your shop is constantly increasing (new orders, new products...) so the backup file should not have a much smaller size than the previous backup. It should instead be about the same size or larger.

The second checking is to restore your backup to another location and another database. If after restoration you find your shop the same, the backup file is correct.

Warning! Never try checking your backup by restoring it on your online store! Always test elsewhere.

If you have problems creating a functional backup, contact us. We'll help you solve the problem.

5) Do I have to pay something to use automation from 2n-tech.com ?

No. This is a free service for you from 2N Technologies to make your backup automation simpler.

6) My shop is larger than 4 GB and the compression is long to finish.

- ✓ To improve performance during compression, you can increase the duration of intermediate renewals in the advanced configuration of the module. Make sure that the value is always less than the maximum execution time of your server. For example, for a server timeout of 300, specify 290.
- ✓ You can also disable intermediate renewals. Your server timeout must be longer than the total duration of your backup creation. The option **“Attempt to disable server timeout”** can help you, otherwise you will have to increase it directly on your server.



7) I can not find the database in my backup

If you manually unpack the tar.gz backup file, you will see the database backup in the “**dump.sql**” file. This file is located in the “**modules/ntbackupandrestore/backup/**” folder of the tar.gz file.

8) Does the module back up my entire database or just the Prestashop base tables?

The module saves your entire database.

9) The module cannot be installed

This is probably a limitation of the maximum upload size of your server.

- ✓ You can increase the maximum upload size of your server, to 20M for example.
- ✓ You can uncompress the zip file of the module and copy the “**ntbackupandrestore**” folder by ftp in the “**modules**” folder of your shop. Then you can install the module from the “**Modules**” menu in Prestashop.

10) How frequently the automation by 2N is done?

The automation by 2N is done daily.

11) The automation by 2N does not seems to work anymore, what can I do?

Please try to disable it, save it, enable it and save it again.

12) The backup ended with an error that indicate there is not enough space for the backup, but I know there is. Why am I having this error?

This error can be caused by a limit of your server. Some server (32 bits) will not allow the backup to be more than 2 GB. In this case, you can use the advanced option to limit backup size. Your backup will be cut in smaller parts that will be accepted by your server. For example, you can choose 1500 as the size limit for your backup file size. Pay attention that all parts are mandatory if you want to restore your shop.

13) Where can I find the backup on my server?

You can find your backup in the directory modules/ntbackupandrestore/backup/



14) Does the complete backup, really contain all my files and data?

The complete backup will contain an exact copy of your website. Which means all your files and data. Unless you configure it to not backup some of them.

15) How can I restore my backup?

To restore your backup you need to:

- Choose where you shop will be restored. Either at a new place (new domain and new database) for a copy/move or at the root of your current shop for its replacement.
- Put your backup and restore script at the chosen location
- Access the restore script, using your web browser
- Fill in the access credentials of the database where data will be restored.
- Optional: if needed, configure the advanced options
- Launch the restoration. Pay attention that files from your backup will overwrite potential existing files and database will be replaced by database from your backup.

16) I do not have enough space on my server for the backup, can I directly send it on one of my distant account (Dropbox, Google Drive...)?

Yes you can, by using the advanced configuration option **Create your backup file on your distant accounts directly**. The backup will not be created on your server but directly on each of your enabled distant account. This option works with SFTP, Dropbox, ownCloud/Nextcloud, WebDAV, Google Drive, OneDrive, hubiC and AWS but does not work with FTP. The backup directly created on your distant account cannot be compressed.

17) To restore my shop, do I need to install an empty Prestashop, first?

You do not need to install an empty Prestashop to restore your shop. You only need your backup file and restoration script.



Contact us

If you have any comments, problems or improvement ideas, please contact us, with the PrestaShop form.

https://addons.prestashop.com/en/write-to-developper?id_product=20130

Contact a community member

Email *	Your PrestaShop version	Attachment
email@domain.com	Choose a version	
Topic *	Module	
	NT Backup And Restore	
Your message *		
<div></div>		
<div>SEND</div>		

To help you as best as possible if you have an issue, please give us access to your shop administration (URL, login, password) and your FTP server (host server, login, password).



Your opinion

The whole team of 2N Technologies thanks you for your purchase and hope the module will suit you.

So we can always offer you the best and be as close to the PrestaShop community needs, we also thanks you for taking time to evaluate this module there:

<http://addons.prestashop.com/en/ratings.php>

So it can be as useful as possible, if you have an issue with the module, please contact us first. Our team is here to help you solve any issues you may have.

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