



4PSA Client Backup 3.0.1
for Plesk 7.x Reloaded
User's Guide

Manual Version 0.91

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Chapter 1. About 4PSA Client Backup 3.0.1

4PSA Client Backup 3.0.1 is a server-level application that allows users to backup domains hosted on Plesk 7.x Reloaded servers. The application includes various QoS settings to prevent abusive usage. 4PSA Client Backup can backup domain files, subdomain files, MySQL and PostgreSQL databases, domain email files and optional folders located in a domain storage space on the same level as httpdocs, httpsdocs, etc.

4PSA Client Backup 3.0.1 Features

- Separate client, domain user and administrator modules
- Advanced client backup scheduling
- Multi volume backups supported
- Disk space management for administrator and clients
- Backup various portions of the hosting account based on selection:
 - Backup hosting domain directories (/httpdocs, /cgi-bin, /error_docs, /httpsdocs, /web_users, and /anon_ftp)
 - Backup Plesk subdomains
 - Backup MySQL and PostgreSQL databases. Able to backup databases larger than several Gigabytes
 - Backup all domains email files
 - Backup Plesk private directories
 - Backup any directory you want in domain root (custom directories templates support)
- Files are stored on FTP server and are invisible from the web. Avoid real-time stream creation that may bring down the server!
- Detailed history reports for administrator, clients and domain users
- Quality of Service limits for superior server security and control:
 - Number of concurrent backups
 - Minimum time interval between two backups ordered by the same domain
 - Backup authorization based on partition usage

- Backup options and permissions defined separately for clients and domain users
- Administrator email alert control
- Various server wide reports available in the interface
- Language packs capabilities

Chapter 2. The Administrator Module

The 4PSA Client Backup administrator module can be accessed after you login to Plesk 7.x Reloaded using the admin account. In order to open the 4PSA Client Backup interface click the [4PSA Client Backup](#) link available in the Custom navigation menu located on the left side of the Plesk interface.

The 4PSA Client Backup tool bar is available on top of the application's interface. The tool bar provides an easy method for the server administrator to view domains statistics, manage backups on a per domain basis, schedule backup operations, manage the disk space used by the backup archives, view backup operation history for domains, setup backup directories templates, modify various parameters which control the behavior of 4PSA Client Backup, change the interface settings, and manage 4PSA Client Backup license.

1. Manage Backups for Domains

The server administrator can view the statistics for each domain in the Manage Backups for Domains area. In order to access this area, the administrator must click the **Domains** button available in the tool bar.

In this area the server administrator can view statistics for all hosted domains and perform various tasks. Next to the domain names there are 8 columns, which display statistics for every domain:

Website - Disk space used by website files

Website SSL - Disk space used by SSL website files

Web users - Disk space used by web users files

Anon FTP - Disk space used by Anonymous Ftp files

Databases - Disk space used by databases files

Email files - Disk space used by email files

Subdomains – Disk space used by subdomains files


Backups – Disk space used by previously performed backup archives





Note


Some of the disk space statistics are updated every night and might not represent the actual usage.

Next to these statistics, four action icons are available for each domain in the list.


S – By clicking the  **Settings** icon, the server administrator will be able to schedule backup operation and manage the available features.

B – By clicking the  **Backup** icon, the server administrator will be able to select the backup options and backup the chosen domain.

H – By clicking the  **History** icon, the server administrator will be able to view the backup history for the chosen domain.

M – By clicking the  **Manage** icon, the server administrator will be able to manage backup space for the chosen domain.

Scheduled Backup Settings

In order to schedule backups for a domain, the server administrator must click the  **Settings** icon on the chosen domain row. Prior to starting a backup process, he must select the files that will be saved. The following options are available:

Disable schedule – When enabled, the scheduled backup for the selected domain is disabled

Website files – Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files – Backup the /httpsdocs directory

Web user files – Backup the /web_users directory

Anonymous FTP files – Backup the /anon_ftp directory

Email files – Backup the /maildir directory

Private files – Backup the /private directory

Subdomain files – Backup the /subdomains directory

Optional directories – Backup the pre-defined directories. When templates are defined in the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

All MySQL databases – Backup all MySQL databases available for the selected domain

MySQL databases – Backup MySQL databases

All PostgreSQL databases – Backup all PostgreSQL databases available for the selected domain

PostgreSQL databases – Backup PostgreSQL databases

Multi volume backups – Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.



Tip

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend that you use the FTP client for downloading large files rather than the Plesk integrated File Manager.

Hour - The hour when the backup process is scheduled to start at

Day of the Week - The day of the week when the backup will be performed on

Day of the Month - The day of the month when the backup will be performed on

Alert email – When filled in, 4PSA Client Backup will send a message to this email address with the scheduled backup status every time a backup is performed




Note

You cannot use * for all the scheduling fields.

In order for the backup operation to be scheduled, the server administrator must click the **Schedule** button.

Backup a Domain

In order to backup a domain, the server administrator must click the  **Backup** icon on the chosen domain row. Prior to starting the backup process he can select the files that will be saved.

Website files – Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files – Backup the /httpsdocs directory

Web users files – Backup the /web_users directory

Anonymous FTP files – Backup the /anon_ftp directory

Email files – Backup the /maildir directory

Private files – Backup the /private directory

Subdomains files – Backup the /subdomains directory

Optional directories – Backup the pre-defined directories. When templates are defined in the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

MySQL databases – Backup MySQL databases

PostgreSQL databases – Backup PostgreSQL databases

Multi volume backups – Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.



Tip

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend that you use the FTP client for downloading large files rather than the Plesk integrated File Manager.

In order for the backup operation to proceed, the server administrator must click the **Backup now!** button after selecting the backup options.



Note

Before you click the **Backup now!** button, keep in mind that all previous backup files for the selected domain will be deleted.

Backup Information

In this area, the server administrator can view various details about the backup operation.

If the backup operation starts successfully, the name and the location of the backup archives will be displayed. A list with all the files resulted from the backup operation and their contents is also available. If the backup operation does not start successfully a warning message is displayed.

Backup files are stored in the `/backups` directory, which exists on the same level as `httpdocs`, `httpsdocs`, `web_users`, `anon_ftp`, etc. In order to get the backup files you must download the contents of the `/backups` directory on your computer.



Note

You will not be able to download the backup files unless the backup process is completed.

During the backup, all UNIX permissions are preserved.

There can be more files in this directory, depending on the backup options:

- A `tar.gz` file for the website files (`/httpdocs`, `/httpsdocs`, `/cgi-bin`, `/error_docs`, `/web_users`, and `/anon_ftp`, depending on the backup options)

- A `tar.gz` file for the subdomains directory

- A `tar.gz` file for the pre-defined directories (the ones included into the selected directories template)

- A `tar.gz` file for email files

- A `sql` file for MySQL databases

- A `sql` file for every PostgreSQL database




Tip

tar.gz files are specific to the Unix world, but they can be extracted under Windows with various tools like WinZip, WinRAR, etc.

sql files contain SQL (Structured Query Language) operations and can be loaded into the MySQL or PostgreSQL engine. They are cross platform compatible.

Backup History

In order to view the backup history for a domain, the administrator must click the  **History** icon on the chosen domain row. In the Backup history page the records provide detailed information about the backup operations and can be displayed based on the chosen search criteria.

Search Logs

The server administrator can search the backup logs and choose the search criteria. The following options are available:









From and To - Search for log records between two dates in year-month-day format.

Show - Limit the number of results to be viewed in one page.

Backup Operation Logs

Based on the chosen search criteria, 4PSA Client Backup displays the logs that matched these criteria. Every log entry provides various details about the backups performed for the previously selected domain. Each entry in the history table contains the name of the website, backup date, backup options, backup initiator (administrator, client or domain user), and the list of the resulted files.

The meaning of each icon that appears in the Options column is explained below:

-  - Backup for website files
-  - Backup for SSL website files
-  - Backup for web users files
-  - Backup for Anonymous ftp files
-  - Backup for databases
-  - Backup for email files
-  - Backup for subdomain directory
-  - Backup for optional directories

 - Backup for private directories

The meaning of each icon that appears in the Files column is explained below:

 - Tar archive file


 - Tar archive file for email

 - MySQL dump file

 - PostgreSQL dump file

The log records can be sorted by domain name, backup date, or backup initiator by clicking the corresponding table header links.

Disk Space Management

In order to manage backup space for a domain, the server administrator must click the  **Manage** icon on the chosen domain row. In this area, the disk space usage and date of last backup (if applicable) are available. In order to delete the existing backup, check the corresponding checkbox and click the [Remove selected](#) link.

2. Disk Space Management

In the Disk Space Management area (click the **Manage** button available in the tool bar) the server administrator can manage backup space for all the domains hosted on server.

For every domain available in the list the disk space usage and date of last backup (if applicable) are available.

To delete existing backups, check the checkbox corresponding to the chosen domain and click the [Remove selected](#) link. The administrator can delete existing backups for multiple domains at the same time.

3. Backup History

In this area (click the **Reports** button available in the tool bar) the server administrator can view various details about the backups performed for all the domains hosted on server and can filter records using the available search criteria.

Next to the domain name there are four columns which contain the backup date, backup options, backup initiator and the list of the resulted files.

4. Templates

In this area (click the **Templates** button available in the tool bar) the server administrator can view a list of templates and can create, edit, and delete templates.

In order to provide support for optional directories backup, 4PSA Client Backup includes the templates support. Multiple directories can be grouped under a template name and they can be backed up together in one archive in the Backup Domain area. Every template must include one or more directories that are located on the same level as httpdocs, httpsdocs, etc. The user can choose to backup only one template per backup session.

Creating a New Template

To define a new template, write the new template name in the corresponding field. To save the template, click **OK**.



Note

The template name can only contain alphanumeric characters, underscore lines and dots.

Deleting a Template

To delete a template, check the checkbox corresponding to the chosen template name and click the [Remove Selected](#) link. The server administrator can delete multiple templates at the same time.

Template Directories Setup

The server administrator can edit existing templates. In order to edit a template, click the chosen template name. A new page will open displaying a list of all directories included in this template. The server administrator can add new directories to the list and can delete the existing directories.

Adding a New Directory

To add a new directory to the chosen template, write the name of the new directory in the corresponding field and click **OK**.



Note

You must not type a trailing slash (/) before the name of the directory.

Deleting a Directory

To delete a directory from the list, check the checkbox corresponding to the chosen directory name and click the [Remove Selected](#) link. The server administrator can delete multiple directories at the same time.

5. Settings

In this area (click the **Settings** button available in the tool bar) the server administrator can view a 4PSA Client Backup report, set backup and backup scheduling permissions for clients and domain users, modify the Quality of Service options, and change interface settings.

Backup Reports

This area provides the following information about 4PSA Client Backup:

Product version – The version of the 4PSA Client Backup installed on the server

Total number of backups performed by admin – The total number of backups performed by the server administrator

Total number of backups performed by clients – The total number of backups performed by clients

Total number of backups performed by domain users – The total number of backups performed by domain users

Total number of performed scheduled backups – The total number of scheduled backups performed on server

Allow Clients / Domain Users to Backup

In these areas the server administrator can set the backup permissions for clients/ domain users.



Note

Improperly configured, this setting may limit the backup capabilities.

The server administrator can allow clients/domain users to backup various areas of the hosted domain.

Website files – Allows clients/domain users to backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files – Allows clients/domain users to backup the /httpsdocs directory

Web user files – Allows clients/domain users to backup the /web_users directory

Anonymous FTP files – Allows clients/domain users to backup the /anon_ftp directory

Email files – Allows clients/domain users to backup all email accounts of the chosen domain

Databases – Allows clients/domain users to backup the MySQL and PostgreSQL databases

Optional directories – Allows clients/domain users to backup the optional directories templates



Note

Enable optional directories to let clients/domain users backup other directories that exist in the domain.com folder (on the same level as httpdocs, httpsdocs, cgi-bin, etc).

Private directory – Allows clients/domain users to backup the /private directory.

Subdomain directory – Allows clients/domain users to backup the /subdomains directory.

Scheduling Options

In this area the server administrator can enable/disable client permissions for backup scheduling.

Allow backup scheduling – When enabled, clients and domain users are able to schedule backup operations on their domains.

Quality of Service Settings

In this area the server administrator can control various parameters which determine the behavior of 4PSA Client Backup. It is very important because it allows the administrators to reduce server load, set permissions, and prevent common operating errors.

Maximum simultaneous backups – Represents the number of backups that can be processed by the 4PSA Client Backup simultaneously. Some backup operations may take several seconds, while other can last minutes. It is recommended to keep this number between 5 and 20. Servers with a powerful I/O system and a lot of memory can process even more backups simultaneously. When a user tries to start a backup and the maximum number of simultaneous backups is reached in the background, the backup operation cannot start.



Tip

Do not define very low limits for simultaneous backups because you will receive a lot of alerts when the **Alert admin on errors?** option is enabled.

Do not allow more backups for a specified number of minutes - Some users backup files very often, increasing the server load and preventing other users to access the backup feature. To restrict clients to start abusive backups for the same domain, you can define a minimum time interval between two backups.

Do not allow backup if partition containing domains is used more than - A common server attack is to fill certain partitions until the server collapses. Fortunately you have different partitions for /var, /etc, /home, etc so that the server will not collapse, but the websites will no longer work properly when the partition containing the domain files is full. This option prevents such events because 4PSA Client Backup does not allow users to perform more backups.



Note

Administrators override all the system limits except partition usage limit. Please keep this in mind when you backup using the admin account!

Alert admin on errors? - This option enables system alerts. The admin will receive an email when the maximum number of simultaneous backups is reached (the limit could be too low or the server could be overcrowded) and when the partition containing domain files exceeds the defined usage limits.

Automatically delete old backups? - In order to save disk space, the system does not allow the user to keep more than a backup session on the server. When a user starts a new backup 4PSA Client Backup can automatically delete old backups (the user is warned) or it can instruct the client to delete the backup files using a FTP client or the integrated File Manager.

Report Email Template

In this area the server administrator must fill in the alert email text.

Email template - This is the email message that will be sent to the scheduled backup initiator to announce him that the backup was performed. The key word <status> is replaced in the email body with the exit status of the backup operation.



Note

This message is sent only if the backup initiator filled his email address in the **Alert email** field available on the Backup scheduling page.

Interface Settings

In this area the server administrator can choose the interface settings.

Language - Allows the server administrator to select the language that will be used by 4PSA Client Backup's interface.

Custom button title - The name of the custom button in the left panel. The server administrator can change the default 4PSA Client Backup with a more descriptive name for his clients.

Context help - The 4PSA Client Backup application description that will appear in the left navigation panel.

6. License Management

In this area the server administrator can manage the 4PSA Client Backup license. In order for 4PSA Client Backup to work correctly, a valid license key must be loaded. The license key must be generated by 4PSA based on your server IP and Plesk version installed on your server.

License key - The license key number. This is the key currently loaded on your server.

License key status - The status of the currently loaded license key.

Your server IP - The main IP address of your server. This is the IP for which the license key must be issued in order to work on this server. If the license is issued for another IP, it will not work.

License file - You can use this form in order to upload the license key to the server. The license key can also be executed in command line using the command: `sh keyno.sh`. If you can access other pages in 4PSA Client Backup there is no reason why you should upload a new key.

Chapter 3. The Client Module

The 4PSA Client Backup client module can be accessed after you login to Plesk 7.x using a client level account. In order to open the 4PSA Client Backup interface click the [4PSA Client Backup](#) link available in the Custom navigation menu located on the left side of the Plesk interface.

The 4PSA Client Backup tool bar is available on top of the application's interface. The client can view domain statistics, manage backups and backup scheduling, manage disk space used by the backup archives, and view backup operations history for the hosted domains.

1. Manage Backups for Domains

The client can view the statistics for all his domains in the Manage Backups area. In order to access this area, the client must click the **Domains** button available in the tool bar.

In this area the client can view statistics for all his domains and perform various tasks. Next to the domain names there are 8 columns which display statistics for every domain:


- Website** - Disk space used by website files
- Website SSL** - Disk space used by SSL website files
- Web users** - Disk space used by web users files
- Anon FTP** - Disk space used by Anonymous Ftp files
- Databases** - Disk space used by databases files
- Email** - Disk space used by email files
- Subdomains** - Disk space used by subdomains files
- Backups** - Disk space used by previously performed backup archives



Note

Some of the disk space statistics are updated every night and might not represent the actual usage.


Next to these statistics, four action icons are available for each domain in the list.


S - By clicking the  **Settings** icon, the client will be able to schedule backup operations and manage the available features.




Note


This icon is available, only if the server administrator allows clients and domain users to schedule backups.

B - By clicking the  **Backup** icon, the client will be able to select the backup options and backup the chosen domain.

H - By clicking the  **History** icon, the client will be able to view the backup history for the chosen domain.

M - By clicking the  **Manage** icon, the client will be able to manage backup space for the chosen domain.

Scheduled Backup Settings

In order to schedule backups for a domain, the client must click the  **Settings** icon on the chosen domain row. Prior to starting a backup process he must select the files that will be saved. The following options are available:

Disable schedule - When enabled, the scheduled backup for the selected domain is disabled

Website files - Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files - Backup the /httpsdocs directory

Web user files - Backup the /web_users directory

Anonymous FTP files - Backup the /anon_ftp directory

Email files - Backup the /maildir directory

Private files - Backup the /private directory

Subdomain files - Backup the /subdomains directory

Optional directories - Backup the pre-defined directories. When templates are defined in the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

All MySQL databases - Backup all MySQL databases available for the selected domain

MySQL databases - Backup MySQL databases

All PostgreSQL databases - Backup all PostgreSQL databases available for the selected domain

PostgreSQL databases - Backup PostgreSQL databases

Multi volume backups - Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.



Tip

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend that you use the FTP client for downloading large files rather than the Plesk integrated File Manager.

Hour - The hour when the backup process is scheduled to start at

Day of the Week - The day of the week when the backup will be performed on

Day of the Month - The day of the month when the backup will be performed on

Alert email – When filled in, 4PSA Client Backup will send a message to this email address with the scheduled backup status every time a backup is performed




Note

You cannot use * for all the scheduling fields.

In order for the backup operation to be scheduled, the client must click the **Schedule** button.

Backup a Domain

In order to backup a domain the client must click the  **Backup** icon on the chosen domain row. Prior to starting a backup process, he can select the files that will be saved.



Note

In order to select different files to backup, the client must have permissions from the server administrator to backup those files. Only the files allowed for backup are displayed.

Website files – Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files – Backup the /httpsdocs directory

Web user files – Backup the /web_users directory

Anonymous FTP files – Backup the /anon_ftp directory

Email files – Backup the /maildir directory

Private files – Backup the /private directory

Subdomain files – Backup the /subdomains directory

Optional directories – Backup pre-defined directories. When templates are defined into the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

MySQL databases – Backup MySQL databases

PostgreSQL databases – Backup PostgreSQL databases

Multi volume backups – Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.



Tip

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend you to use the FTP client for downloading large files rather than the Plesk integrated File Manager.

In order for the backup operation to proceed, the client must click the **Backup now!** button after selecting the backup options.



Note

Before you click the **Backup now!** button, keep in mind that all previous backup files for the selected domain will be deleted.

Backup Information

In this area, the client can view various details about the backup operation.

If the backup operation starts successfully, the name and the location of the backup archives will be displayed. A list with all the files resulted from the backup operation and their contents is also available. If the backup operation does not start successfully a warning message is displayed.

Backup files are stored in the /backups directory, which exists on the same level as httpdocs, httpsdocs, web_users, anon_ftp, etc. In order to get the backup files you must download the contents of the /backups directory on your computer.

The client will not be able to download the backup files unless the backup process is completed.



Note

During the backup, all Unix permissions are preserved.

There can be several files in this directory, depending on the backup options:

- A tar.gz file for the website files (/httpdocs, /subdomains, /cgi-bin, /error_docs, /httpdocs, /web_users, and /anon_ftp, depending on the backup options)
- A tar.gz file for the subdomains directory
- A tar.gz file for the particular directories (the ones included into the selected directories template)
- A tar.gz file for email files
- A sql file for MySQL databases
- A sql file for every PostgreSQL database




Tip

tar.gz files are specific to the Unix world, but they can be extracted under Windows with various tools like WinZip, WinRAR, etc.

sql files contain SQL (Structured Query Language) operations and can be loaded in the MySQL or PostgreSQL engine. They are cross platform compatible.

Backup History

In order to view backup history for a domain, the client must click the  **History** icon on the chosen domain row. In the Backup history page the records provide detailed information about the backup operations and can be displayed based on the chosen search criteria.

Search Backup Logs

In this area the client can search the backup logs and choose the search criteria. The following options are available:










From and **To** - Search for log records between two dates in year-month-day format

Show - Limit the number of results to view in one page





Backup Operation Logs

Based on the chosen search criteria, 4PSA Client Backup displays the logs which matched these criteria. Every log entry provides various details about the backups performed for the previously selected domain. Each entry in the report table contains the name of the website, backup date, backup options, backup author (administrator, client or domain user), and the list of the resulted files.

The meaning of each icon that appears in the Options column is explained below:


-  - Backup for website files
-  - Backup for SSL website files
-  - Backup for web users files
-  - Backup for Anonymous ftp files
-  - Backup for databases
-  - Backup for email files
-  - Backup for subdomains directory
-  - Backup for optional directories
-  - Backup for private directories

The meaning of each icon that appears in the Files column is explained below:

-  - Tar archive file
-  - Tar archive file for email
-  - MySQL dump file
-  - PostgreSQL dump file

The log records can be sorted by domain name, backup date, or backup author by clicking the table header links.

Disk Space Management

In order to manage backup space for a domain, the client must click the  **Manage** icon on the chosen domain row. In this area, the disk space usage and date

of last backup (if applicable) are available. In order to delete the existing backup, check the corresponding checkbox and click the [Remove selected](#) link.

2. Disk Space Management

In the Disk Space Management area (click the **Manage** button available in the tool bar) the client can manage backup space for all his domains hosted on server.

For every domain available in the domains list the disk space usage and date of last backup (if applicable) are available.

To delete existing backups, check the checkbox corresponding to the chosen domain and click the [Remove selected](#) link. The client can delete existing backups for multiple domains at the same time.

3. Backup History

In this area (click the **Reports** button available in the tool bar) the client can view various details about the backups performed for all his domains and can filter records using the available search criteria.

Next to the domain name are 4 columns which contain the backup date, backup options, backup author and the list of the resulted files.

Chapter 4. The Domain User Module

The 4PSA Client Backup domain user module can be accessed after you login to Plesk 7.x Reloaded using a domain user account. In order to open the 4PSA Client Backup interface click the [4PSA Client Backup](#) link available in the Custom navigation menu located on the left side of the Plesk interface.

The 4PSA Client Backup tool bar is available on top of the application's interface. The tool bar provides an easy method for the domain user to view domain statistics, manage backups and backup scheduling, manage disk space used by the backup archives, and view backup operations history for his domain.

1. Manage Domain Backups

The domain user can view the statistics for his domain in the Manage Backups for Domain area. In order to access this area, the domain user must click the **Domains** button available in the tool bar.

In this area the domain user can view statistics for his domain and perform various tasks. Next to the domain name there are 8 columns which display statistics for this domain:

Website - Disk space used by website files

Website SSL - Disk space used by SSL Website files

Web users - Disk space used by web users files

Anon FTP - Disk space used by Anonymous Ftp files

Databases - Disk space used by databases files

Email - Disk space used by email files

Subdomains - Disk space used by subdomains files


Backups - Disk space used by previously performed backup archives



Note

Some of the disk space statistics are updated every night and might not represent the actual usage.


Next to these statistics, four action icons are available:


S - By clicking the  **Settings** icon, the domain users will be able to schedule backup operation and manage the available features.




Note


This icon is available, only if the server administrator allows clients and domain users to schedule backups.

B - By clicking the  **Backup** icon, the domain user will be able to select the backup options and backup his domain.

H - By clicking the  **History** icon, the domain user will be able to view the backup history for his domain.

M – By clicking the  **Manage** icon, the domain user will be able to manage backup space for his domain.

Scheduled Backup Settings

In order to schedule backups for a domain, the domain user must click the  **Settings** icon. Prior to starting a backup process he must select the files that will be saved. The following options are available:

Disable schedule – When enabled, the scheduled backup for the selected domain is disabled

Website files – Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files – Backup the /httpsdocs directory

Web user files – Backup the /web_users directory

Anonymous FTP files – Backup the /anon_ftp directory

Email files – Backup the /maildir directory

Private files – Backup the /private directory

Subdomain files – Backup the /subdomains directory

Optional directories – Backup the pre-defined directories. When templates are defined in the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

All MySQL databases – Backup all MySQL databases available for the selected domain

MySQL databases – Backup MySQL databases

All PostgreSQL databases – Backup all PostgreSQL databases available for the selected domain

PostgreSQL databases – Backup PostgreSQL databases

Multi volume backups – Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.

**Tip**

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend that you use the FTP client for downloading large files rather than the Plesk integrated File Manager.

Hour - The hour when the backup process is scheduled to start at

Day of the Week - The day of the week when the backup will be performed on

Day of the Month - The day of the month when the backup will be performed on


Alert email - When filled in, 4PSA Client Backup will send a message to this email address with the scheduled backup status every time a backup is performed

**Note**

You cannot use * for all the scheduling fields.

In order for the backup operation to be scheduled, the domain user must click the **Schedule** button.

Backup your Domain

In order to backup his domain, the domain user must click the  **Backup** icon. Prior to starting a backup process, he can select the files that will be saved.

**Note**

In order to select different files to backup, the domain user must have permissions from the server administrator to backup those files. Only the files allowed for backup are displayed.

Website files - Backup the /httpdocs, /cgi-bin and /error_docs directories

SSL Website files - Backup the /httpsdocs directory

Web user files - Backup the /web_users directory

Anonymous FTP files - Backup the /anon_ftp directory

Email files – Backup the /maildir directory

Private files – Backup the /private directory

Subdomain files – Backup the /subdomains directory

Optional directories – Backup the pre-defined directories. When templates are defined into the system, 4PSA Client Backup allows custom directories backup.



Note

Only one directories template can be selected at a time.

MySQL databases – Backup MySQL databases

PostgreSQL databases – Backup PostgreSQL databases

Multi volume backups – Choose the size of the backup archives. Select a volume size only if you want the backup archives to be split in multiple, equally sized files.



Tip

When should you use multi volume archives? Multi volume archives are recommended when the size of the website is larger than several hundreds of megabytes. We recommend you to use the FTP client for downloading large files rather than the Plesk integrated File Manager.

In order for the backup operation to proceed, the domain user must click the **Backup now!** button after selecting the files for backup.



Note

Before you click the **Backup now!** button, keep in mind that all previous backup files for the selected domain will be deleted.

Backup Information

In this area, the domain user can view various details about the backup operation.

In case of successful backup the location of files and the way to get them is indicated. A list with all the files resulted from the backup process and their contents is also showed. Otherwise a warning message is displayed.

Backup files are stored in the /backups directory, which exists on the same level as httpdocs, httpsdocs, web_users, anon_ftp, etc. In order to get the backup, files you must download the contents of the /backups directory on your computer.



Note

You will not be able to download the backup files unless the backup process is completed.

During the backup, all Unix permissions are preserved.

There can be more files in this directory, depending on the backup options:

A tar.gz file for the website files (/httpdocs, /subdomains, /cgi-bin, /error_docs, /httpsdocs, /web_users, and /anon_ftp, depending on the backup options)

A tar.gz file for the subdomains directory

A tar.gz file for the particular directories (the ones included into the selected template)

A tar.gz file for email files

A sql file for MySQL databases

A sql file for every Postgresql database




Tip

tar.gz files are specific to Unix world, but they can be extracted under Windows with various tools like WinZip, WinRAR, etc.

sql files contain SQL (Structured Query Language) operations and can be loaded in the MySQL or PostgreSQL engine. They are cross platform compatible.

Backup History

In order to view the backup history for a domain, the domain user must click the  **History** icon. In the Backup history page the records provide detailed

information about the backup operations and can be displayed based on the chosen search criteria.

Search Backup Logs

In this area the domain user can search the backup logs and choose the search criteria. The following options are available:










From and To - Search for log records between two dates in year-month-day format

Show - Limit the number of results to view in one page





Backup Operation Logs

Based on the chosen search criteria, 4PSA Client Backup displays the logs that matched these criteria. Every log entry provides various details about the previously performed backups. Each entry in the report table contains the name of the website, backup date, backup options, backup author (administrator, client or domain user), and the list of the resulting files.

The meaning of each icon that appears in the Options column is explained below:


-  - Backup for website files
-  - Backup for SSL website files
-  - Backup for web users files
-  - Backup for Anonymous ftp files
-  - Backup for databases
-  - Backup for email files
-  - Backup for subdomains directory
-  - Backup for optional directories
-  - Backup for private directories

The meaning of each icon that appears in the Files column is explained below:

-  - Tar archive file
-  - Tar archive file for email
-  - MySQL dump file
-  - PostgreSQL dump file

The log records can be sorted by domain name, backup date, or backup author by clicking the table header links.

Disk Space Management

In order to manage backup space for his domain, the domain user must click the  **Manage** icon. In this area, the disk space usage and date of last backup (if applicable) are available. In order to delete the existing backup, check the corresponding checkbox and click the [Remove selected](#) link.

2. Disk Space Management

In the Disk Space Management area (click the **Manage** button available in the tool bar) the domain user can manage backup space for his domain.

The disk space usage and date of last backup (if applicable) are displayed next to the domain name.

To delete existing backups, check the corresponding checkbox and click the [Remove selected](#) link.

3. Backup Reports

In this area (click the **Reports** button available in the tool bar) the domain user can view various details about the backups performed for his domain and can filter records using the available search criteria.

Next to the domain name are 4 columns which contain the backup date, backup options, backup initiator and the list of the resulted files.

Appendix A. How to Restore Files from Tar Archives

The domain files backup can be restored using the FTP account or the shell account. In order to do this you can untar the archive on your local computer and upload the files on the server using the FTP account.

With a shell level account it is not necessary to untar the files on your computer, you can do it from shell using the following syntax:

```
tar -zxf backupfile.tar.gz
```

The MySQL and PostgreSQL databases can be restored on the server using the restore functions integrated in phpMyAdmin and phpPgAdmin.

It is not possible to restore email files. The email files backup function is provided for storage purposes only.

Appendix B. Server Compatibility

4PSA Client Backup for Plesk 7.x Reloaded is compatible with Plesk 7.x Reloaded installations only.

You have to download the build based on the operating system installed on your machine.

The file `client_backup_buildRedHat7xXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- RedHat Linux 7.3
- RedHat Enterprise Linux 2.1

The file `client_backup_buildRedHat9xXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- RedHat Linux 9
- RedHat Enterprise Linux 3.0
- Fedora Linux Core 1
- Fedora Linux Core 2

The file `client_backup_buildFreeBSD4XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 4.8
- FreeBSD 4.9

The file `client_backup_buildFreeBSD5XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 5.2.1
- FreeBSD 5.3

The file `client_backup_buildSuseXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Suse Linux 9
- Suse Linux 9.1

The file `client_backup_buildMandrakeXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Mandrake 10

The file `client_backup_buildDebianXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Debian 3.1