



4PSA Integrator 1.6.5
for Plesk 7.x Reloaded
User's Guide

Manual Version 1.15

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Chapter 1. About 4PSA Integrator 1.6.5

4PSA Integrator 1.6.5 is a server-level application designed to automate the installation process of various popular open source, web based software products on SWsoft Plesk 7.x Reloaded servers. The software tools included in 4PSA Integrator 1.6.5 are bulletin boards, ecommerce applications, chat modules, online picture albums, content management applications, online support systems, etc. These applications may also be referred to as tools in 4PSA Integrator.

4PSA Integrator 1.6.5 Features

4PSA Integrator 1.6.5 offers the following features:

- Plesk integrated, available for administrator, clients and domain users.
- Automatic tool management for: Advanced Poll, AutoIndex, b2Evolution, Boast Machine, Coppermine, Crafty Syntax Live Help, Gallery, Invision Power Board, Moodle, OpenBiblio, osCommerce, osTicket, Owl Intranet Engine, PHP Open Chat, PHP-Nuke, phpAdsNew, phpBB, phpBook, phpBugTracker, PhpCollab, phpDig, phpFormGenerator, PhpGroupware, phpMyFamily, PHPProjekt, phpSurveyer, phpWebSite, PhpWiki, pLog, PostNuke Phoenix, TYPO3, WebCalendar, WordPress, WordPress, XRMS, **Google Sitemaps**
- Tool management options include automatic installation, reconfiguration and deletion
- Google Sitemaps management
- Automatic PHP safe_mode management
- Can install tools in httpdocs, httpsdocs, web_users and subdomains directories
- Can install applications in the website root
- Localization capabilities for managed tools (language packs included)
- Move installations between domain directories, subdomains and web users
- Separate access permissions per client / domain user
- Notification on installation for client/administrator with fully customizable template text

- Tool management templates for clients
- Detection of new repository on the remote 4PSA update server
- Tool templates for clients and domains (every domain can have different tool management permissions)
- Tool installation statistics (per server, per domain, per version)
- Can manage both proprietary and Open Source software
- Custom tools support
- Language packs capabilities

Chapter 2. The Administrator Module

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



Note

When installing the product for the first time no client is allowed to access 4PSA Integrator and no access link is available in the navigation menu. In order to give access rights to your hosting customers you must access 4PSA Integrator after you login as admin to your Plesk 7.x Reloaded server. Then check the Permissions area to give access permissions to your clients. Further information is available in this chapter.

The 4PSA Integrator tool bar is available on top of the application's interface. The tool bar provides an easy method for the server administrator to view the tools available for installation, install tools on a specific domain, grant management permissions to clients and domain users, view server-wide installation statistics, setup tool templates, select the tools that can be managed on the server, view details about the 4PSA Integrator installation, modify various parameters which control the behavior of 4PSA Integrator, and manage the 4PSA Integrator license.

1. Manage Tools for Domains

The server administrator can view a list of domains in the Domains area in which the available tools can be installed. 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 the number of installed tools and the date of the last installation on a per domain basis. Next to the domain names 2 columns display these statistics for every domain:

Installed tools – The number of tool installations available on the domain

Last installation date – The date when the latest tool installation was performed on the domain

Tools for a Domain

In order to view the tools available for management, the server administrator must click the chosen domain name. In the Tools area on the selected domain the server administrator can view a list of available tools. For every tool in the list the following information is displayed:

Type – The type of tool, which can be standard or custom (displayed using an icon)

Tool – The name of the tool

Description – A short description of the tool

Installations – The number of installations of the tool


For each tool the latest version will be made available for installation.




Note

4PSA is not affiliated with any of the supported tool developers and DOES NOT provide support for these applications. Please visit the tool's home page for more details.

Two action icons are available for each tool in the list.

Install – By clicking the  icon, the server administrator will be able to install the chosen tool


Modify – By clicking the  icon, the server administrator will be able to view a detailed list of installations of the chosen tool, reconfigure and uninstall these instances.



Note

The Modify link for tools that have not been yet installed on the chosen domain cannot be used and the icon is grayed out.

Installing Tools on Server

To install a new tool the server administrator must click the  icon corresponding to the chosen tool. A new page will open that contains the information required for installing the chosen tool.

Free space required – This is the free disk space on the server required for the tool installation

Installation type – This can be Non SSL or SSL. The tool will be installed in the httpdocs directory (when Non SSL is enabled) or in the httpsdocs directory (when SSL is enabled) located on the domain's home directory.



Note

You must have SSL support enabled for that domain in order to use the SSL feature.

Install on website root – When this option is checked, the tool is installed into the website root directory (in httpdocs or httpsdocs directory, depending on the Installation Type selection).



Note

Warning: The installation on website root directory is **dangerous**. A tool installed in the website root can not be moved. Furthermore, when the tool installation is deleted ALL the website contents where the tool was installed is erased. **Use this feature with caution.**

Install for web user – This option can be used when web users are available on the target domain. The web user where you want to install the tool can be selected from the list.

Install for subdomain - When subdomains are available on the target domain the chosen tool can be installed directly in the subdomain's root directory.



Note

When you uninstall the tool all data from the installation directory will be erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

Installation directory - The directory where the files will be placed. The directory will be automatically created, however the parent directory must exist. The application will be available at `www.domainname/installationdirectory/`.



Note

The directory name must be specified relative to the domain's web files directory and it must not contain a trailing slash (/).

MySQL Database name - If the tool requires database support, a MySQL database with the specified name will be automatically created, unless the database limit is not exceeded

MySQL Database username - The username used to connect to the tool database

MySQL Database password - The password used to connect to the tool database

Administrator username - The username used for the tool administration account

Administrator password - The password used for the tool administration account

Administrator email - The email address of the tool's administrator

Language - Select the tool's installation language

Access link after installation - The link where the tool can be accessed after installation

To install the tool, provide the required information and click **Install**. To return to the previous page without installing it, click **Cancel**.

Installation Report

When the installation process succeeds, 4PSA Integrator displays a detailed list of the installation settings for the selected tool:

Tool installed – The name of the tool installed

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account

Tool admin password - The password used for the tool administration account

Tool access URL – The URL where the tool is accessible online

Installation directory - The directory where the tool's files will be placed

4PSA Integrator also displays useful information about the installed tool in the Post installation notes area. In this area you can view details about the tool, advices about tool customization and information about the tool administration area where you can login as administrator to manage the tool.

When the installation process fails, 4PSA Integrator displays an error message.

Installing Google Sitemaps

The Google Sitemaps installation is pretty different than other applications as it requires special installation input.

Site URL - The site URL to be mapped into the Google Sitemaps XML file

Sitemaps XML generation source - Specifies the source to be used for generating Google Sitemaps

Parse for URLs recursively the entire domain directory structure - Specifies that the entire domain directory structure is being used to generate the Google Sitemaps XML file

Parse for URLs recursively only specific directories in the domain directory structure - Use only specific directories from the domain directory structure. Specify these directories in the text box that opens up below the checkbox.



Some parsing options might not be available, depending on the preferences setup in Integrator - > Settings.

Exclude URLs Matching Regular Expressions - Exclude from the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.


Include URLs Matching Regular Expressions - Include in the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.

Exclude URLs Matching Wildcard - Exclude from the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.


Include URLs Matching Wildcard - Include in the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.


To install the tool, provide the required information and click on Install. To return to the previous page without installing it, click on Cancel.


Modify Installed Tools

In order to view the Tool Installations page the server administrator must click the  icon on the chosen tool row.

In this area, the server administrator can view all installations of the chosen tool, can reconfigure and uninstall these installations. Details displayed for all installations include installation type (Non SSL or SSL), tool access URL, tool version, the person who performed the installation (administrator, client or domain user), and installation date. For each installation 3 action icons are available:

Details – By clicking the  icon, the server administrator can view the details for the chosen installation

Reconfigure – By clicking the  icon, the server administrator can reconfigure the chosen installation

Uninstall – By clicking the  icon, the server administrator can uninstall the chosen instance



When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a domain or subdomain root directory. ALL DATA FROM THIS DIRECTORY WILL BE ERASED!

Installation Details

In this area, 4PSA Integrator displays a detailed list of settings for the selected installation:

Tool installed – The name of the installed tool

Tool description - A short description of the installed tool

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool.

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account


Tool admin password - The password used for the tool administration account

Installation type – The type can be Non SSL or SSL

Installation location – The name of the domain where the tool is installed

Installation directory - The directory where the tool files are placed

Reconfigure an Installation

By clicking the  icon corresponding to the chosen installation, the server administrator is able to reconfigure the installation. In this area are available the following details for the selected installation:

Current installation type – The type of the current installation which can be Non SSL or SSL

Current installation directory - The directory where the tool files are placed

To reconfigure the installation the administrator must provide the following required information:

New installation type – The type of the new installation which can be Non SSL or SSL

Move to web user - This option can be used when web users are available on the target domain. The web user can be selected from the available list.

Move to subdomain - When subdomains are available on the target domain, the chosen tool can be reconfigured to be installed directly in the subdomain's root.




When you reconfigure the tool, all data from the current installation directory is erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

New installation directory - The directory where the tool files will be relocated

Access link after reconfiguration – The link where the tool can be accessed after reconfiguration.

To reconfigure the tool, provide the required information and click **Reconfigure**. To return to the previous page without reconfiguring it, click **Cancel**.

Uninstall a Tool

By clicking the  icon corresponding to the chosen installation, the server administrator is able to uninstall this tool.



When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a subdomain root directory. ALL DATA FROM THIS DIRECTORY WILL BE ERASED!

2. Management Permissions

In this area (click the **Permissions** button available in the tool bar) the server administrator can grant 4PSA Integrator management permissions to clients and domain users on the Plesk server. This means that clients and domain users will be able to install/reconfigure/uninstall the available tools on their domains.

Permissions for Clients

To grant management permissions to a client, check the “Allow access” checkbox on the chosen client row and click **Update**. The administrator can later revoke management permissions by unchecking the same checkbox and clicking **Update**.

The server administrator can grant/revoke management permissions for multiple clients in the same time.



Note

If you disable management permission for a client, all domain users for the domains belonging to that client will not be able to manage tools using 4PSA Integrator.

Permissions for Domain Users

To grant management permissions to a domain user, click the name of the client who owns the domain for which you want to enable management permissions. In the domain list that appears in the next page, check the "Allow access" checkbox corresponding to the chosen domain and click **Update**. You can later revoke management permissions by unchecking the same checkbox and clicking **Update**.

The management permissions can be granted / revoked for multiple domain users at the same time.



Note

You must grant management permissions to the client owning the domain in order to grant management permissions to his domain users.

Tool Templates for Client and Domain

Clients and domain users can be allowed to access and manage all tools enabled in the Settings area or a template that contains tools pre-defined by the server administrator in the Templates area.

To choose for which tools to grant management permissions to a client and to his domain users, click the client name. In the Templates area choose one of the available templates and click **Update**. If you want the client and his domain users to have management permissions for all tools enabled in the Settings area, select the **No template** option from the dropdown list.

To choose for which tools to grant management permissions to a domain, click the client name. In the Domains area the server administrator must click the chosen domain name. Next choose one of the available templates and click **Update**. If you want the domain user of the chosen domain to have management permissions for all tools enabled in the Settings area, select the **No template** option from the dropdown list.

3. Statistics

In the 4PSA Integrator Usage Statistics area (click the **Statistics** button available in the tool bar) the server administrator can view a list of available tools and a report with general statistics.

Statistics for Available Tools

In this area, the following information is displayed:

Type – The type of tool, which can be standard or custom (displayed using an icon)

Tool – The name of the tool

Installations - The number of installations of the corresponding tool

To view installation statistics for a particular tool, follow the link on the chosen tool name. To view the list of domains on which the tool is installed follow the link on the number of installations displayed in the Installations column (on the corresponding tool row).

General Statistics

In this area the server administrator can view a small report with general statistics rendered by 4PSA Integrator. These details are available:

Repository size – The total size of the tool repository

Total tools installed – The total number of standard tool installations available on the server

Total custom tools installed – The total number of custom tool installations available on the server

Most installed tool – The name of the tool that has most installations on the server and the number of installations

Last installation date – The date when a tool installation was last performed on the server

Last installed tool – The name of the tool that was last installed on the server and the name of the domain where it was installed

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.

Tool templates allow the server administrator to establish different tool management permissions per client and per domain. Multiple tools can be grouped

under a template name and the server administrator can allow clients and domain users to access and manage only pre-defined tools.

Creating a New Template

To define a new template, write its name in the corresponding field. Click **Add** to save the template.



Note

The template name must contain only alphanumeric chars, 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 Management

The server administrator can edit existing templates. In order to edit a template, click the chosen template name in the Templates area. A new page will open containing a list of the available tools and the size of each tool. The server administrator can enable/disable tools available in the list.

To enable a tool in the list, check the checkbox corresponding to the chosen tool and click **Update**. The server administrator can enable multiple tools at the same time.

To disable a tool in the list uncheck the checkbox corresponding to the chosen tool and click **Update**. The server administrator can disable multiple tools 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 Integrator report and details about the tool archive version, modify alerting settings, settle management permissions for clients and domain users, choose the tools included in the server-wide template, and change language settings.

4PSA Integrator Reports

The **Product version** field displays the version of the 4PSA Integrator installed on the server.

Tools Archive Version

In this area the server administrator can view which version of the tool archive is installed on the server and whether 4PSA released a newer version.



Tip

It is recommended to install the latest version. To update the tool archive please visit this page: <http://www.4psa.com/integrator/how2update.php>

Although the tools included are not 4PSA products and are not actively supported by 4PSA, 4PSA monitors them and releases new archives when newer versions are available.

Alerting and Permissions Settings

In this area the server administrator can settle management permissions for clients and domain users and can modify alerting settings.

Allow clients to set permissions for domain users - When enabled, clients will be able to manage 4PSA Integrator access for the domain users of their domains.

Allow new clients to access 4PSA Integrator - When enabled, new clients added to Plesk will be granted automatically with 4PSA Integrator access rights.

Automatic PHP safe_mode management - When enabled, safe_mode is automatically disabled for the directory where the tool is installed, if the installed tool requires this. For a full list of tools that require safe_mode off, please check Sub-Chapter 6. The safe_mode management is achieved by manipulating vhost.conf and vhost_ssl.conf files. If you do not want safe_mode to be disabled automatically you should leave this option disabled. Please make sure that you understand the implications of this option before enabling it.

Notify admin on new installations - When enabled, the server administrator receives an email notification every time a tool is installed on the server using the 4PSA Integrator.

Notify client on new installations - When enabled, the client receives an email notification every time a tool is installed on one of his domains using the 4PSA Integrator.

Notification email subject – It is available when one of the alerting options above is enabled. In this field the server administrator must write the subject for the notification email.

Notification email body – It is available when one of the alerting options above is enabled. In this field the template used to generate the notification email can be modified. Fields in angular braces (<>) are replaced as follows:

<client_name> - Is replaced by the name of the administrator/client who receives the message

<tool_name> - Is replaced by the name and version of the tool that has been installed on the server by 4PSA Integrator

<domain_name> - Is replaced by the name of the domain where the tool was installed

<date> - Is replaced by the installation date

<who> - Is replaced by "Administrator", "Client" or "Domain user", depending on what account was used for the tool installation

<url> - Is replaced by the link where the tool was installed

Google Sitemaps Settings

The administrator can choose which generation methods are available for Google Sitemaps XML files.

Directory parsing (faster) - When enabled, clients will be able to activate the directory parsing source for Google Sitemaps XML files generation. This method is quite fast, even for domains with thousands of files.

Apache logs (slower) - When enabled, clients will be able to activate the apache logs source for Google Sitemaps XML files generation. This method is pretty slow and can increase the server load, especially when the domains have large apache logs. This is recommended only for sites that have a small apache access_log file.

Server-Wide Tool Template

The server administrator can choose which tools will become available for management. From the list of the available software applications select the tools that clients and domain users will be allowed to install using 4PSA Integrator and click **Update**.

The server-wide tool template is automatically applied to any client or domain user who does not have assigned a particular template.

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 Integrator's interface.

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

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

6. License management

In this area you can manage the 4PSA Integrator license. In order for 4PSA Integrator 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 Integrator there is no reason why you should upload a new key.

7. 4PSA Integrator Low Level Usage

Most software applications included in 4PSA Integrator have moderate server software requirements. They will work on most hosting servers. However, keep in mind that you need:

- PHP 4.3.3 or a superior version
- ImageMagick and Netpbm packages installed (required by Gallery).
- Python with XML SAX support installed (required by Google Sitemaps)

- `Register_globals = on` in `php.ini`. This is required by several applications to work properly.

- `safe_mode off` is required by the following applications included in 4PSA Integrator: BoastMachine, PHP Collab, Moodle, Invision Power Board, PHP GroupWare, Gallery, Mambo, PHP Open Chat, PhProjekt, PHP Website, WordPress, PHP Form Generator, Typo, XRMS, pLog, PhpWiki, PHP Surveyor, PHP BugTracker, PHP Dig, PHP MyFamily, OWL Intranet Engine.



Tip

Due to security reasons, 4PSA DOES NOT recommend to any hosting company to set `safe_mode off` globally in `php.ini`. Instead set `safe_mode off` on individual domains using the `vhost.conf` files.



Note

When Automatic PHP `safe_mode` management is enabled in 4PSA Integrator -> Settings, `safe_mode` is automatically disabled by 4PSA Integrator for the directory where the application is installed.

Chapter 3. The Client Module

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



Note

In order to access 4PSA Integrator, the client must have permissions from the server administrator.

The 4PSA Integrator tool bar is available on top of the application's interface. The tool bar provides an easy method for the client to view the tools available for installation, install tools on a specific domain, grant management permissions to domain users, and view server-wide installation statistics.

1. Manage Tools for Domains

The client can view a list of his domains in the Domains area on which the available tools can be installed. In order to access this area, the client must click the **Domains** button available in the tool bar.



Note

In order to access and manage 4PSA Integrator, the client must have permissions from the server administrator.

In this area the client can view the number of installed tools and the date of the last installation on a per domain basis. Next to the domain names 2 columns display these statistics for every domain:

Installed tools – The number of tool installations available on the domain

Last installation date – The date when the latest tool installation was performed on the domain

Tools for a Domain

In order to view the tools available for management the client must click the chosen domain name. In the Tools on Domains area the client can view a list of available tools. For every tool in the list the following information is displayed:

Type – The type of tool, which can be standard or custom (displayed using an icon)

Tool – The name of the tool

Description – A short description of the tool

Installations - The number of installations of the tool

For each tool the latest version will be made available for installation.




Note

4PSA is not affiliated with any of the supported tool developers and DOES NOT provide support for these applications. Please visit the tool home page for more details.

Two action icons are available for each tool in the list.

Install – By clicking the  icon, the client will be able to install the chosen tool


Modify – By clicking the  icon the client will be able to view a detailed list of installations of the chosen tool, to reconfigure and to uninstall these instances



Note

The Modify link for tools that have not been yet installed on the chosen domain cannot be used and the icon is grayed out.

Installing Tools on Server

To install a new tool the client must click the  icon corresponding to the chosen tool. A new page will open containing the information required for installing the chosen tool.

Free space required – This is the free disk space on the server required for the tool installation

Installation type – This can be Non SSL or SSL. The tool will be installed in the httpdocs directory (when Non SSL is enabled) or in the httpsdocs directory (when SSL is enabled) located on the domain's home directory.



Note

You must have SSL support enabled for that domain in order to use the SSL feature.

Install on website root – When this option is checked, the tool is installed into the website root directory (in httpdocs or httpsdocs directory, depending on the Installation Type selection).



Note

Warning: The installation on website root directory is **dangerous**. A tool installed in the website root can not be moved. Furthermore, when the tool installation is deleted ALL the website contents where the tool was installed is erased. **Use this feature with caution.**

Install for web user - This option can be used when web users are available on the target domain. The web user where you want to install the tool can be selected from the list.

Install for subdomain - When subdomains are available on the target domain the chosen tool can be installed directly in the subdomain's root directory.



Note

When you uninstall the tool all data from the installation directory is erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

Installation directory - The directory where the files will be placed. The directory will be automatically created, however the parent directory must exist. The tool will be available at `www.domainname/installationdirectory/`.



Note

The directory name must be specified relatively to the domain's web files directory and it must not contain a trailing slash (/).

MySQL Database name - If the tool requires database support, a MySQL database with the specified name will be automatically created, unless the database limit is not exceeded

MySQL Database user - The username used to connect to the tool database

MySQL Database password - The password used to connect to the tool database

Administrator username - The username used for the tool administration account

Administrator password - The password used for the tool administration account

Administrator email - The email address of the tool administrator

Language – Select the tool’s installation language

Access link after installation – The link where the tool can be accessed after installation

To install the tool, provide the required information and click **Install**. To return to the previous page without installing it, click **Cancel**.

Installation Report

When the installation process succeeds, 4PSA Integrator displays a detailed list of the installation settings for the selected tool:

Tool installed – The name of the tool installed

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account

Tool admin password - The password used for the tool administration account

Tool access URL – the URL where the tool is accessible online

Installation directory - The directory where the tool files will be placed

4PSA Integrator also displays useful information about the installed tool in the Post installation notes area. In this area you can view details about the tool, advices about the tool customization and information about the tool administration area where you can login as administrator to manage the tool.

When the installation process fails, 4PSA integrator displays an error message.

Installing Google Sitemaps

The Google Sitemaps installation is pretty different than other applications as it requires special installation input.

Site URL - The site URL to be mapped into the Google Sitemaps XML file

Sitemaps XML generation source - Specifies the source to be used for generating Google Sitemaps

Parse for URLs recursively the entire domain directory structure - Specifies that the entire domain directory structure is being used to generate the Google Sitemaps XML file

Parse for URLs recursively only specific directories in the domain directory structure - Use only specific directories from the domain directory structure. Specify these directories in the text box that opens up below the checkbox.



Note

Some parsing options might not be available.

Exclude URLs Matching Regular Expressions - Exclude from the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.


Include URLs Matching Regular Expressions - Include in the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.

Exclude URLs Matching Wildcard - Exclude from the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.


Include URLs Matching Wildcard - Include in the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.

To install the tool, provide the required information and click on Install. To return to the previous page without installing it, click on Cancel.


Modify Installed Tools

In order to view the Tool Installations page the client must click the  icon on the chosen tool row.

In this area, the client can view all installations of the chosen tool, can reconfigure and can uninstall these installations. Details displayed for all installations include installation type (Non SSL or SSL), tool access URL, tool version, the person who performed the installation (administrator, client or domain user), and installation date. Three action icons are available for each installation:

Details – By clicking the  icon, the client can view the details of the chosen installation

Reconfigure – By clicking the  icon, the client can reconfigure the chosen installation

Uninstall – By clicking the  icon, the client can uninstall the chosen instance



When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a domain or subdomain root directory. ALL DATA FROM THIS DIRECTORY WILL BE ERASED!

Installation Details

In this area, 4PSA Integrator displays a detailed list of settings for the selected installation:

Tool installed – The name of the tool installed

Tool description - A short description of the tool installed

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool.

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account


Tool admin password - The password used for the tool administration account

Installation type – The type can be Non SSL or SSL

Installation location – The name of the domain where the tool is installed

Installation directory - The directory where the tool files are placed

Reconfigure an Installation

By clicking the  icon corresponding to the chosen installation, the client is able to reconfigure the installation. In this area, the following details are available for the selected installation:

Current installation type – The type of the current installation which can be Non SSL or SSL

Current installation directory - The directory where the tool files are placed

To reconfigure the installation the client must provide the following required information:

New installation type – The type of the new installation which can be Non SSL or SSL

Move to web user - This option can be used when web users are available on the target domain. The web user can be selected from the available list

Move to subdomain - When subdomains are available on the target domain the chosen tool can be reconfigured to be installed directly in the subdomain's root.



Note


When you reconfigure the tool all data from the current installation directory is erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

New installation directory - The directory where the tool files will be relocated

Access link after reconfiguration - The link where the tool can be accessed after reconfiguration

To reconfigure the tool, provide the required information and click **Reconfigure**. To return to the previous page without reconfiguring it, click **Cancel**.

Uninstall an Installation

By clicking the  icon corresponding to the chosen installation, the client is able to uninstall the chosen installation.



Note

When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a subdomain root directory. **ALL DATA FROM THIS DIRECTORY WILL BE ERASED!**

2. Management Permissions

In this area (click the **Permissions** button available in the tool bar) the client can grant 4PSA Integrator management permissions to his domain users on the Plesk

server. This means that his domain users will be able to install / reconfigure / uninstall the available tools on their domains.



Note

In order to grant management permissions to his domain users, the client must have permissions from the server administrator.

To grant management permissions to a domain user, check the “Allow access” checkbox corresponding to the chosen domain and click **Update**. You can later revoke management permissions by unchecking the same checkbox and clicking Update.

The management permissions can be granted / revoked for multiple domain users at the same time.

3. Statistics

In the 4PSA Integrator Usage Statistics area (click the **Statistics** button available in the tool bar) the client can view a list of available tools and a report with general statistics.

Statistics for Available Tools

In this area, the following information is displayed:

Type – The type of tool, which can be standard or custom (displayed using an icon)

Tool – The name of the tool

Installations - The number of installations of the corresponding tool

To view installation statistics for a particular tool, follow the link on the chosen tool name. To view the list of domains on which the tool is installed follow the link on the number of installations displayed in the Installations column (on the corresponding tool row).

General Statistics

In this area the client can view a small report with general statistics rendered by 4PSA Integrator. These details are available:

Total tools installed – The total number of standard tool installations available on his domains

Total custom tools installed – The total number of custom tool installations available on his domains

Most installed tool – The name of the tool that has most installations on his domains and the number of installations

Last installation date – The date when a tool installation was last performed on his domains

Last installed tool – The name of the tool that was last installed on his domains and the name of the domain where it was installed

Chapter 4. The Domain User Module

The 4PSA Integrator 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 Integrator interface click the [4PSA Integrator](#) link available in the Custom menu located on the left side of the Plesk interface.



Note

In order to access 4PSA Integrator, the domain user must have permissions from the server administrator or from the client who owns his domain.

The 4PSA Integrator tool bar is available on top of the application's interface. The tool bar provides an easy method for the domain user to view the tools available for installation, install tools on a specific domain, and view server-wide installation statistics.

1. Manage Tools for Domain

In the Tools on domain area the domain user can view the tools available for installation on his domain. In order to access this area, the domain user must click the **Tools** button available in the tool bar.



In order to access and manage 4PSA Integrator, the domain user must have management permission.

In this area the domain user can view a list of available tools. For every tool in the list the following information is displayed:

Type - The type of tool, which can be standard or custom (displayed using an icon)

Tool - The name of the tool

Description - A short description of the tool


Installations - The number of installations of the tool


For each tool the latest version will be made available for installation.



4PSA is not affiliated with any of the supported tool developers and DOES NOT provide support for these applications. Please visit the tool home page for more details.

Two action icons are available for each tool in the list.


Install – By clicking the  icon, the domain user will be able to install the chosen tool

Modify – By clicking the  icon, the domain user will be able to view a detailed list of installations of the chosen tool, to reconfigure and to uninstall these instances



The Modify link for tools that have not been yet installed on the chosen domain cannot be used and the icon is grayed out.

Installing Tools on Server

To install a new tool the domain user must click the  icon corresponding to the chosen tool. A new page containing the information required for installing the chosen tool.

Free space required – This is the free disk space on the server required for the tool installation

Installation type – This can be Non SSL or SSL. The tool will be installed in the httpdocs directory (when Non SSL is enabled) or in the httpsdocs directory (when SSL is enabled) located on the domain's home directory.



Note

You must have SSL support enabled for that domain in order to use the SSL feature.

Install on website root – When this option is checked, the tool is installed into the website root directory (in httpdocs or httpsdocs directory, depending on the Installation Type selection).



Note

Warning: The installation on website root directory is **dangerous**. A tool installed in the website root can not be moved. Furthermore, when the tool installation is deleted ALL the website contents where the tool was installed is erased. **Use this feature with caution.**

Install for web user - This option can be used when web users are available on the target domain. The web user where you want to install the tool can be selected from the list.

Install for subdomain - When subdomains are available on the target domain the chosen tool can be installed directly in the subdomain's root directory.



Note

When you uninstall the tool all data from the installation directory is erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

Installation directory - The directory where the files will be placed. The directory will be automatically created, however the parent directory must exist. The application will be available at `www.domainname/installationdirectory/`.



Note

The directory name must be specified relatively to the domain's web files directory and it must not contain a trailing slash (/).

MySQL Database name - If the tool requires database support, a MySQL database with the specified name will be automatically created, unless the database limit is not exceeded

MySQL Database username - The username used to connect to the tool database

MySQL Database password - The password used to connect to the tool database

Administrator username - The username used for the tool administration account

Administrator password - The password used for the tool administration account

Administrator email - The email address of the tool administrator

Language - Select the tool installation language

Access link after installation - The link where the tool can be accessed after installation

To install the tool, provide the required information and click **Install**. To return to the previous page without installing it, click **Cancel**.

Installation Report

When the installation process succeeds, 4PSA Integrator displays a detailed list of the installation settings for the selected tool:

Tool installed – The name of the tool installed

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account

Tool admin password - The password used for the tool administration account

Tool access URL – The URL where the tool is accessible online

Installation directory - The directory where the tool files will be placed

4PSA Integrator also displays useful information about the installed tool in the Post installation notes area. In this area you can view details about the tool, advices about tool customization and information about the tool administration area where you can login as administrator to manage the tool.

When the installation process fails, 4PSA integrator displays an error.

Installing Google Sitemaps

The Google Sitemaps installation is pretty different than other applications as it requires special installation input.

Site URL - The site URL to be mapped into the Google Sitemaps XML file

Sitemaps XML generation source - Specifies the source to be used for generating Google Sitemaps

Parse for URLs recursively the entire domain directory structure - Specifies that the entire domain directory structure is being used to generate the Google Sitemaps XML file

Parse for URLs recursively only specific directories in the domain directory structure - Use only specific directories from the domain directory structure. Specify these directories in the text box that opens up below the checkbox.



Note

Some parsing options might not be available.

Exclude URLs Matching Regular Expressions - Exclude from the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.


Include URLs Matching Regular Expressions - Include in the Google Sitemaps file the URLs matching the given regular expressions. Input one regular expression per line.

Exclude URLs Matching Wildcard - Exclude from the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.


Include URLs Matching Wildcard - Include in the Google Sitemaps file the URLs matching the given wildcards. Input one wildcard per line.

To install the tool, provide the required information and click on Install. To return to the previous page without installing it, click on Cancel.


Modify Installed Tools

In order to view the Installations of Tool page the domain user must click the  icon on the chosen tool row.

In this area, the domain user can view all installations of the chosen tool, can reconfigure and can uninstall these installations. Details displayed for all installations include installation type (Non SSL or SSL), tool access URL, tool version, the person who performed the installation (administrator, client or domain user), and installation date. For each installation three action icons are available:

Details – By clicking the  icon, the domain user can view the details of the chosen installation

Reconfigure – By clicking the  icon, the domain user can reconfigure the chosen installation

Uninstall – By clicking the  icon, the domain user can uninstall the chosen instance



When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a domain or subdomain root directory. ALL DATA FROM THIS DIRECTORY WILL BE ERASED!

Installation Details

In this area, 4PSA Integrator displays a detailed list of settings for the selected installation:

Tool installed – The name of the tool installed

Tool description - A short description of the tool installed

Database name – If the tool requires database support, this is the name of the MySQL database created for the tool.

Database username - The username used to connect to the tool database

Tool admin username - The username used for the tool administration account


Tool admin password - The password used for the tool administration account

Installation type – The type can be Non SSL or SSL

Installation location – The name of the domain where the tool is installed

Installation directory - The directory where the tool files are placed

Reconfigure an Installation

By clicking the  icon corresponding to the chosen installation, the domain user is able to reconfigure the installation. In this area, the following details are available for the selected installation:

Current installation type – The type of the current installation which can be Non SSL or SSL

Current installation directory - The directory where the tool files are placed

To reconfigure the installation the domain user must provide the following required information:

New installation type – The type of the new installation which can be Non SSL or SSL

Move to web user - This option can be used when web users are available on the target domain. The web user can be selected from the available list

Move to subdomain - When subdomains are available on the target domain the chosen tool can be reconfigured to be installed directly in the subdomain's root.



Note


When you reconfigure the tool all data from the current installation directory is erased, including other files that might not be part of the installed tool. Use this feature with caution, especially when you install in a subdomain or domain root directory!

New installation directory - The directory where the tool files will be relocated

Access link after reconfiguration - The link where the tool can be accessed after reconfiguration

To reconfigure the tool, provide the required information and click **Reconfigure**. To return to the previous page without reconfiguring it, click **Cancel**.

Uninstall a Tool

By clicking the  icon corresponding to the chosen installation, the domain user is able to uninstall the chosen tool.



Note

When uninstalling a tool, all its related data is permanently lost. Be cautious when you uninstall a tool, especially a tool that was installed directly in a domain or subdomain root directory. ALL DATA FROM THIS DIRECTORY WILL BE ERASED!

2. Statistics

In the 4PSA Integrator Usage Statistics area (click the **Statistics** button available in the tool bar) the domain user can view a list of available tools and a report with general statistics.

Statistics for Available Tools

In this area the following information is displayed:

Type - The type of tool, which can be standard or custom (displayed using an icon)

Tool - The name of the tool

Installations - The number of installations of the corresponding tool

To view installation statistics for a particular tool, follow the link on the chosen tool name. To view the name of the domain on which the tool is installed follow the link on the number of installations displayed in the Installations column (on the corresponding tool row).

General Statistics

In this area the domain user can view a small report with general statistics rendered by 4PSA Integrator. The following details are available:

Total tools installed – The total number of standard tool installations available on his domain

Total custom tools installed – The total number of custom tool installations available on his domain

Most installed tool – The name of the tool that has most installations on his domain and the number of installations

Last installation date – The date when a tool installation was last performed on his domain

Last installed tool – The name of the tool that was last installed on his domain and the domain name.

Appendix A. Server Compatibility

4PSA Integrator 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 `integrator_buildRedHat7xXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- RedHat Linux 7.3
- RedHat Enterprise Linux 2.1

The file `integrator_buildRedHat9xXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- RedHat Linux 9
- RedHat Enterprise Linux 3.0
- RedHat Enterprise Linux 4.0
- Fedora Linux Core 1
- Fedora Linux Core 2
- Fedora Linux Core 3

The file `integrator_buildFreeBSD49XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 4.8
- FreeBSD 4.9

The file `integrator_buildFreeBSD53XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 5.2.1
- FreeBSD 5.3

The file `integrator_buildSuseXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Suse Linux 9
- Suse Linux 9.1

The file `integrator_buildDebianXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Debian 3.1

The file `integrator_buildMandrakeXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Mandrake 10