



4PSA Advanced Statistics 1.3.5
for Plesk 7.x Reloaded
User's Guide

Manual Version 0.45

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Chapter 1. About 4PSA Advanced Statistics 1.3.5

4PSA Advanced Statistics 1.3.5 is a server-level application that provides statistics reports for domains hosted on Plesk 7.x Reloaded servers. 4PSA Advanced Statistics 1.3.5 has independent administrator, client and domain user modules to offer advanced, browser based management of the statistics engine capabilities.

4PSA Advanced Statistics 1.3.5 Features

- Separate client, domain user and administrator modules
- Enable 4PSA Advanced Statistics engine per domain basis (mass enable available)
- Client and domain user 4PSA Advanced Statistics permissions
- Generates separate statistics for NON-SSL and SSL pages
- Generates monthly statistics
- Send monthly statistics by email in PDF format
- Separate client, domain user and administrator modules
- GeoIP country lookup for precise and efficient log processing
- Able to export statistics in PDF format
- Full resellers support
- Administrator level management settings:
 - New added domains statistics
 - New added clients and domains 4PSA Advanced Statistics access permissions
 - Permissions for clients
 - DNS Lookup settings (GeoIP, No lookup, fully enabled, from cache file)
 - Parallel log processing capabilities for increased speed
- Per-domain independent statistics settings:
 - Statistics reports language, currently available:
Albanian, Bosnian, Bulgarian, Chinese (Taiwan), Chinese (Simplified), Czech, Danish, Dutch, English, Estonian, Finnish, French, German, Greek, Hebrew, Hungarian, Indonesian, Italian, Japanese, Korean,

Latvian, Norwegian (Nynorsk), Norwegian, (Bokmal), Polish, Portuguese, Portuguese (Brazilian), Romanian, Russian, Serbian, Slovak, Spanish, Spanish (Catalan), Swedish, Turkish, Ukrainian, Welsh

- Advanced website statistics
- Export PDF capabilities
- Uses AWStats log analyzer
- Ability to disable Webalizer from 4PSA Advanced Statistics
- Statistics available over the web
- Ability to protect the 4PSA Advanced Statistics directory with password
- Language packs support

Chapter 2. The Administrator Module

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



Note

When you install the product for the first time no client is allowed to access 4PSA Advanced Statistics and no access link is available in the navigation menu. In order to give access rights to your hosting customers you must access 4PSA Advanced Statistics 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 Advanced Statistics tool bar is available on top of the application's interface. The tool bar provides an easy method for the server administrator to view and manage statistics on a per domain basis, to grant/revoke management permissions to clients and domain users, to modify the statistics engine behavior, to setup various system wide settings, and to manage the 4PSA Advanced Statistics license.

1. Advanced Statistics Management

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

Enable Advanced Statistics

In order for the statistics to be processed for a particular domain, the engine must be activated. To activate the engine for a domain, you must check the "Activate" checkbox corresponding to the chosen domain and click **Update**. Statistics are updated overnight, so you must allow some time for them to be rendered (but no more than 24 hours).


You can later disable domain statistics by unchecking the same checkbox and clicking **Update**.


The domain statistics can be enabled / disabled for multiple domains at the same time.


View Advanced Statistics


When the advanced statistics are enabled for a domain, the server administrator can view these statistics for non-SSL (httpdocs) directory and SSL (httpsdocs) directory, if the domain has SSL capabilities.

To view statistics, the server administrator must click the chosen icon. The icons are displayed next to the domain names in the available columns: non-SSL, non-SSL PDF, SSL, SSL PDF, and monthly statistics.

 - By clicking this icon the server administrator will view the non-SSL statistics in a HTML page. This page can also be accessed directly from the web at <http://domainname/astats/>

 - By clicking this icon the server administrator will view the SSL statistics in a HTML page. This page can also be accessed directly from the web at <https://domainname/astats/>

 - By clicking this icon the server administrator will view the non-SSL statistics in a PDF page. This page can also be accessed directly from the web at <http://domainname/astats/stats.pdf>

 - By clicking this icon the server administrator will view the SSL statistics in a PDF page. This page can also be accessed directly from the web at <https://domainname/astats/stats.pdf>



Note

Both SSL and non-SSL statistics can be viewed in PDF format, if the **Generate PDF report** option is enabled for the chosen domain. If this setting is not enabled the PDF icons are grayed.



- By clicking this icon the server administrator will be able to select the monthly statistics type (SSL or non-SSL) he chooses to view in a HTML or a PDF page.



Note

Monthly statistics are available when the **Generate monthly statistics** and **Generate monthly PDF statistics** options are enabled for the chosen domain.

Statistics Settings for Domains

The server administrator can customize the statistics report level using domain settings.

General Settings

Language – Change the language in which the advanced statistics report will be generated.

Generate PDF report - When enabled, a PDF document containing the detailed report will be generated each time statistics are updated.



Note

If the `htmldoc` package is not installed on the server, this option cannot be enabled and its checkbox is grayed. `htmldoc` RPM packages for different RedHat operating systems are available at : <http://www.4psa.com/software/>

Under FreeBSD `htmldoc` is available in the ports directory at `/usr/ports/textproc/htmldoc`.

Generate monthly statistics - When enabled, a HTML document containing the detailed report will be generated monthly.

Generate monthly PDF statistics - When enabled, a PDF document containing the detailed report will be generated monthly.

PLESK webalizer status - Allows you to start/stop the Webalizer available in Plesk.



If you no longer use Webalizer, disable it to reduce server load and the time required to process logs.

Send monthly statistics by email - When enabled, an email with a PDF attachment containing the monthly statistics is dispatched to the email address available in the **Send monthly statistics to** field.

Send monthly statistics to - This is the email address where the monthly statistics are sent. In order for the above option to work, this field must be set.



Monthly statistics can be sent by email, when the **Generate monthly PDF statistics** option is enabled for the chosen domain.

Advanced Settings

Advanced Settings - The server administrator can check this checkbox in order to enable all advanced settings.

Detailed countries statistics - A detailed report of visitors by country.

Detailed hosts statistics - A detailed report of visitors by host name.

Last hosts statistics - A detailed report with statistics of the last host that visited the website.

Unresolved IP Address statistics - A detailed report of the IP addresses that could not be translated into a hostname by a reverse DNS lookup.

Detailed login statistics - A detailed report with statistics for each authenticated user.

Last login statistics - A detailed report with statistics for the last authenticated user.

Detailed robots/spiders statistics - A report detailing the visits of robots/spiders (they generate hits or traffic "not viewed" by visitors, so they are not included in other charts).

Last robot/spider statistics - A detailed report with the statistics for the last robot/spider visit.

Detailed URL statistics - A detailed report of the URLs visited on this domain.

Entry URL statistics - A detailed report of the entry URLs for this domain. An entry page is the first page viewed by a visitor during his visit.

Exit URL statistics - A detailed report of the exit URLs for this domain. An exit page is the last page viewed by a visitor during his visit.

Detailed browser statistics - A detailed report of the browsers used to view the web pages on this domain.

Unknown browser statistics - A detailed report including the hits originating from unidentified browsers.

Detailed OS statistics - A detailed report of the operating systems on the computers from which this domain was visited.

Unknown OS statistics - A detailed report including the hits originating from computers with unidentified operating systems.

Referring search engines statistics - A detailed report of the search engines from which visits on this domain originated.

Referring sites statistics - a detailed report of the sites from which visits to this domain originated.

Detailed Search Key Phrases statistics - A detailed report of the key phrases used to search for this website.

Detailed Search Keywords statistics - A detailed report of the keywords used to search for this website.

Pages not found statistics - A detailed report of the requests that produced an error 404 "Not Found" on the server for this website.



Note

Due to the impact on the processing speed, by default the client can not change the status of the advanced Settings. If you want to allow clients to change the status of these settings, enable the option **Allow client access to advanced settings** in Settings area.

2. Management Permissions

In the Permissions area (click the **Permissions** button available in the tool bar) the server administrator can grant 4PSA Advanced Statistics management permissions to clients and domain users on the Plesk server. This means that clients and domain users will be able to choose for themselves which domains to enable advanced settings for.

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 at the same time.

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 domains 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.

3. Global Settings

In this area (click the **Settings** button available in the tool bar) the server administrator can view a 4PSA Advanced Statistics report, modify the AWStats engine settings, change the management permissions settings and select the interface settings.

4PSA Advanced Statistics Reports

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

AWStats Engine Settings

In this area the server administrator can change the AWStats engine settings.

DNS Lookup - If you want to have hosts reported by name instead of IP address, AWStats needs to make reverse DNS lookups (if these are not made by apache in the log file).

No DNS Lookup - When enabled, all hosts will be reported by their IP addresses and not by their full hostname.

DNS Lookup fully enabled - When enabled, reverse DNS lookup will be done on IPv4 addresses.



Tip

This will dramatically reduce engine update process speed.

DNS Lookup from static cache file - When enabled, reverse DNS Lookups will be made through a DNS cache file created by a previous run of AWStats. This file is erased and recreated after each statistics update process. You do not need to create and/or edit it.

DNS Lookup from Geo:IP database - When enabled, reverse DNS Lookups will be made through the Geo:IP database. This greatly improves the 4PSA Advanced Statistics processing speed and accuracy.



Note

The Geo::IP perl module must be installed. Please check install.txt for more details about Geo::IP installation on different operating systems.

Parallel log processing - When enabled, multiple log files will be processed simultaneously to extract statistics, thus reducing the processing time.

Management Permissions Settings

In this area the server administrator can change the management permissions settings. The following settings are available:

Allow clients to set permissions for domain users - When enabled, clients are able to change 4PSA Advanced Statistics access permissions for their domain users. Disable it to prevent this.

Allow 4PSA Advanced Statistics access to new clients and domains - When enabled, all new added clients and domain users will have access to 4PSA Advanced Statistics.

Automatically generate statistics for new domains - When enabled, advanced statistics will be generated for all new added domains.

Allow client access to advanced settings - When enabled, the client is able to manage advanced statistics options for his domains.

Monthly Statistics Email Template

In this area the server administrator can manage the monthly statistics email feature. The following settings are available:

Email subject template - This is the subject of the email that is sent to every domain owner who has enabled the feature to send the monthly statistics by email. [domain_name] is replaced with the domain name.

Email template - This is the text of the email sent to every domain owner who has enabled the feature to send the monthly statistics by email. [domain_name] is replaced with the domain name.

Send report to server admin - When enabled, the server administrator will receive a report regarding the monthly statistics email sending operation.

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 Advanced Statistics interface.

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

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

4. License Management

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

Chapter 3. The Client Module

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



Note

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

The 4PSA Advanced Statistics tool bar is available on top of the application's interface. The client can view advanced statistics and modify general settings for his domains. When the administrator allows it, the client can also enable advanced statistics and change management permissions for domain users.

1. Advanced Statistics Management

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

Enable Advanced Statistics



Note

In order to enable advanced statistics for a domain, the client must have permissions from the server administrator to manage 4PSA Advanced Statistics.

In order for the statistics to be processed for a particular domain, the engine must be activated. To activate the engine for a domain, you must check the "Activate" checkbox corresponding to the chosen domain and click **Update**. Statistics are updated overnight, so you must allow some time for them to be rendered (but no more than 24 hours).


You can later disable domain statistics by unchecking the same checkbox and clicking **Update**.


The domain statistics can be enabled / disabled for multiple domains at the same time.


View Advanced Statistics


If the advanced statistics are enabled for a domain, the client can view these statistics for non-SSL (httpdocs) directory and SSL (httpsdocs) directory, if the domain has SSL capabilities.

To view statistics, the client must click the chosen icon. The icons are displayed next to the domain names in the available columns: non-SSL, non-SSL PDF, SSL, SSL PDF, and monthly statistics.

 - By clicking this icon the client will view the non-SSL statistics in a HTML page. This page can also be accessed directly from the web at <http://domainname/astats/>


 - By clicking this icon the client will view the SSL statistics in a HTML page. This page can also be accessed directly from the web at <https://domainname/astats/>

 - By clicking this icon the client will view the non-SSL statistics in a PDF page. This page can also be accessed directly from the web at <http://domainname/astats/stats.pdf>

 - By clicking this icon the client will view the SSL statistics in a PDF page. This page can also be accessed directly from the web at <https://domainname/astats/stats.pdf>



Both SSL and non-SSL statistics can be viewed in PDF format, if the **Generate PDF report** option is enabled for the chosen domain. If this setting is not enabled the PDF icons are grayed.

 - By clicking this icon the client will be able to select the monthly statistics type (SSL or non-SSL) he chooses to view in a HTML or a PDF page.



Monthly statistics are available when the **Generate monthly statistics** and **Generate monthly PDF statistics** options are enabled for the chosen domain.

General Settings

The client can customize the statistics report level using general domain settings.

Language - Allows the client to change the language in which the advanced statistics report will be generated.

Generate PDF report - When enabled, a PDF document containing the detailed report will be generated each time the statistics are updated.

Generate monthly statistics - When enabled, a HTML document containing the detailed report will be generated monthly.

Generate monthly PDF statistics - When enabled, a PDF document containing the detailed report will be generated monthly.

PLESK webalizer status - Allows you to start/stop the Webalizer available in Plesk.

Send monthly statistics by email - When enabled, an email with a PDF attachment containing the monthly statistics is dispatched to the email address available in the **Send monthly statistics to** field.

Send monthly statistics to - This is the email address where the monthly statistics are sent. In order for the above option to work, this field must be set.



Note

Monthly statistics can be sent by email, when the **Generate monthly PDF statistics** option is enabled for the chosen domain.

Advanced Settings

Advanced Settings - The client can check this checkbox in order to enable all advanced settings.

Detailed countries statistics - A detailed report of visitors by country.

Detailed hosts statistics - A detailed report of visitors by host name.

Last hosts statistics - A detailed report with statistics of the last host that visited the website.

Unresolved IP Address statistics - A detailed report of the IP addresses that could not be translated into a hostname by a reverse DNS lookup.

Detailed login statistics - A detailed report with statistics for each authenticated user.

Last login statistics - A detailed report with statistics for the last authenticated user.

Detailed robots/spiders statistics - A report detailing the visits of robots/spiders (they generate hits or traffic "not viewed" by visitors, so they are not included in other charts).

Last robot/spider statistics - A detailed report with the statistics for the last robot/spider visit.

Detailed URL statistics - A detailed report of the URLs visited on this domain.

Entry URL statistics - A detailed report of the entry URLs for this domain. An entry page is the first page viewed by a visitor during his visit.

Exit URL statistics - A detailed report of the exit URLs for this domain. An exit page is the last page viewed by a visitor during his visit.

Detailed browser statistics - A detailed report of the browsers used to view the web pages on this domain.

Unknown browser statistics - A detailed report including the hits originating from unidentified browsers.

Detailed OS statistics - A detailed report of the operating systems on the computers from which this domain was visited.

Unknown OS statistics - A detailed report including the hits originating from computers with unidentified operating systems.

Referring search engines statistics - A detailed report of the search engines from which visits on this domain originated.

Referring sites statistics - A detailed report of the sites from which visits to this domain originated.

Detailed Search Key Phrases statistics - A detailed report of the key phrases used to search for this website.

Detailed Search Keywords statistics - A detailed report of the keywords used to search for this website.

Pages not found statistics - A detailed report of the requests that produced an error 404 "Not Found" on the server for this website.



Note

Due to the impact on the processing speed, the server administrator can enable/disable the Advanced Settings management for his clients.

2. Management Permissions

In the Permissions area (click the **Permissions** button available in the tool bar) the client can grant/revoke 4PSA Advanced Statistics management permissions to domain users. This means that domain users will be able to choose for themselves whether or not to enable advanced statistics for their domain.

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

The client can grant/revoke management permissions for multiple domain users at the same time.

Chapter 4. The Domain User Module

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



Note

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

The 4PSA Advanced Statistics tool bar is available on top of the application's interface. The tool bar provides an easy method for the domain user to enable and view domain advanced statistics.

1. Enable Advanced Statistics



Note

In order to enable advanced statistics for a domain, the domain user must have permissions to manage 4PSA Advanced Statistics.


In order for the statistics to be processed for a particular domain, the engine must be activated. To activate the engine for your domain, you must check the "Activate" checkbox corresponding to the chosen domain and click **Update**. Statistics are updated overnight, so you must allow some time for them to be rendered (but no more than 24 hours).


You can later disable domain statistics by unchecking the same checkbox and clicking **Update**.


2. View Advanced Statistics


If the advanced statistics are enabled for his domain, the domain user can view these statistics for non-SSL (httpdocs) directory and SSL (httpsdocs) directory, if the domain has SSL capabilities.

To view statistics, the domain user must click the chosen icon. The icons are displayed next to the domain name in the available columns: non-SSL, non-SSL PDF, SSL, SSL PDF, and monthly statistics.

 - By clicking this icon the domain user will view the non-SSL statistics in a HTML page. This page can also be accessed directly from the web at <http://domainname/astats/>


 - By clicking this icon the domain user will view the SSL statistics in a HTML page. This page can also be accessed directly from the web at <https://domainname/astats/>

 - By clicking this icon the domain user will view the non-SSL statistics in a PDF page. This page can also be accessed directly from the web at <http://domainname/astats/stats.pdf>

 - By clicking this icon the domain user will view the SSL statistics in a PDF page. This page can also be accessed directly from the web at <https://domainname/astats/stats.pdf>



Both SSL and non-SSL statistics can be viewed in PDF format, if the **Generate PDF report** option is enabled for the chosen domain. If this setting is not enabled the PDF icons are grayed.

 - By clicking this icon the domain user will be able to select the monthly statistics type (SSL or non-SSL) he chooses to view in a HTML or a PDF page.



Monthly statistics are available when the **Generate monthly statistics** and **Generate monthly PDF statistics** options are enabled for the chosen domain.

3. General Settings

The domain user can customize the statistics report level using domain general settings.

Language - Allows the domain user to change the language in which the advanced statistics report will be generated.

Generate PDF report - When enabled, a PDF document containing the detailed report will be generated each time the statistics are updated.

Generate monthly statistics - When enabled, a HTML document containing the detailed report will be generated monthly.

Generate monthly PDF statistics - When enabled, a PDF document containing the detailed report will be generated monthly.

PLESK webalizer status - Allows the domain user to start/stop the Webalizer available in Plesk.

Send monthly statistics by email - When enabled, an email with a PDF attachment containing the monthly statistics is dispatched to the email address available in the **Send monthly statistics to** field.

Send monthly statistics to - This is the email address where the monthly statistics are sent. In order for the above option to work, this field must be set.



Note

Monthly statistics can be sent by email, when the **Generate monthly PDF statistics** option is enabled for the chosen domain.

Appendix A. Server Compatibility

4PSA Advanced Statistics 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 `advanced_statistics_buildRedHat7xXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- RedHat Linux 7.3
- RedHat Enterprise Linux 2.1

The file `advanced_statistics_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 `advanced_statistics_buildFreeBSD4XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 4.8
- FreeBSD 4.9

The file `advanced_statistics_buildFreeBSD5XXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- FreeBSD 5.2.1
- FreeBSD 5.3

The file `advanced_statistics_buildSuseXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Suse Linux 9
- Suse Linux 9.1

The file `advanced_statistics_buildMandrakeXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Mandrake 10

The file `advanced_statistics_buildDebianXXX_Plesk7x.tar.gz` provides compatibility with the following operating systems:

- Debian 3.1