Vantage Premium 2.2
Quick Start Tutorial

This document is intended to help you to start using WebSpy Vantage Premium. For more detailed information, please see the Vantage Premium help guide. This can be accessed via Help | Contents on the main menu.

Please send all issues or queries to WebSpy support (support@webspy.com)

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Quick Start Tutorial

Thank you for downloading or purchasing WebSpy Vantage Premium.

This tutorial will guide you through Vantage Premium's main functions to help you start analyzing and reporting on your network log files.

These functions include:

- Importing your log files into a storage.
- Running an Analysis on your storage.
- Browsing your Summaries.
- Applying Aliases to your Summaries.
- Creating and Generating reports.
- Creating and running tasks.

Importing log files

Vantage Premium enables you to analyze and report on the information contained within log files from common network devices such as proxy servers, firewalls, routers and gateways. For a list of supported formats, please visit our website.

Before you can start analyzing and reporting on your network data, you need to import your log file data into a storage. Storages are optimized for quick data access so you can analyze and report on the data you're interested in faster.

This tutorial uses Sentinel.log included with the application you downloaded. Sentinel is a packet capture tool that you can install on your network to log network traffic.

Try this: Import log files into a storage:

1. Open Vantage Premium and click the **Storages** tab at the top of the screen. This takes you to the Storages dock.
2. Click the **Import logs** link in the 'Inputs' task pad. This launches the Input dialog.
3. On the **Storages** page, click the 'Create a new storage' radio button and enter the name 'My Storage' into the 'Name' edit box and click **Next**.
4. On the **Input Type** page, select 'Local or networked files and folders' and click **Next**.
5. On the **Input Specifications** page, select the format 'WebSpy' and click **Next**.
6. On the **Input Selection** page, click **Add | File**. Navigate to ‘My Documents\WebSpy\Vantage Premium 2.2\Logs’, select ‘WebSpy Sentinel.log’ and click **Open**.
7. Click **OK** on the Input Dialog to begin the import process.

Optimization Tip: *You can get better performance out of Vantage Premium by configuring some of the settings on the 'Advanced' pages of the Inputs dialog. For more information see Advanced Importing Features*

While Vantage Premium imports data, it also runs an analysis on your data at the same time. This analysis is then saved back into the storage. This means that every time you want to analyze the storage, the first level of Summaries are instantly available.

As Vantage Premium imports WebSpy Sentinel.log, you can view the progress of the import on the Storages dock. The Storages dock displays the size of the log file (illustrated as size imported / total size), the number of records imported, and the percentage complete (shown in the progress column). It also shows the format of the log file. This is useful if you are importing multiple files of different formats.

Any issues that are encountered during the import are displayed at the bottom of the screen. For more information see Import Issues in the help file.

If any of the log files you have imported are still being updated by your logging device, you can easily import the new hits by clicking the Import all new data link in the 'Inputs' task pad. You can also clear all the imported hits and reload the information from your log files by clicking the Reload all link in the 'Inputs' task pad.

Running an Analysis

Running an Analysis is the process of reading the information in your storage and creating Summaries. Summaries can be interactively browsed and filtered using the Summaries dock, enabling you to drilldown into all areas of your network activity.

There are two types of Analyses:

- Ad-hoc Analysis:
  An Ad-hoc Analysis displays all 'top-level' or 'overview' Summaries that you can drilldown into. When you drilldown, Vantage Premium runs another analysis to retrieve the next group of Summaries from your storage. This type of analysis is great for interrogating your data on demand, but it is recommended that you only perform Ad-hoc Analyses on relatively small amounts of data, such as a day or a week, as the time it takes to perform each drilldown is affected by the amount of data Vantage Premium needs to analyze.
- Template Analysis:
  If you know what you want to analyze, such as the top 10 users and the largest file downloads, you can create an Analysis Template that displays just this information, and select it when running an analysis. This is effectively the same as running a report, only the results are displayed in the Summaries screen, allowing you to drilldown past what has been defined in your template.

You can select the type of analysis you want to run from the 'Analysis Type' page of the Analysis dialog.

Try this: Run an Ad-hoc Analysis:

1. Click the **Summaries** tab at the top of the screen. This takes you to the Summaries dock.
2. Click the **New Analysis** link in the 'Summaries' task pad to launch the Create Analysis dialog.
3. Select 'My Storage' from the 'Storage' list.
4. Select 'Sentinel Web' from the 'Schema' list.
5. Click **Next**.
6. On the **Analysis Type** page, select the 'Ad-hoc Analysis' radio button and ensure 'Use precalculated analysis if available' checkbox is checked.
7. Click **OK**.

Note: You can filter the analysis using the Filter page. For more information see Filtering. You can also select the summaries that you want created using the summaries page. For more information see Summary Selection. You can filter the analysis using the Filter page. For more information see Filtering. You can also select the summaries that you want created using the summaries page. For more information see Summary Selection.

To create a Template Analysis, simply select the Analysis Template you want to run from the 'Template' drop down list on the Analysis Type page.

Once your analysis has been run, you can interactively browse your Summaries.

Browsing Summaries

Once an Analysis has been run, Vantage Premium displays all the generated Summaries in the Summaries dock. The Summaries dock is a powerful interface that enables you to interactively analyze any information contained in your imported log files.

You can toggle the Summary Tree on or off using the button at the top of the screen. This lists all available Summaries and allows you to quickly jump to any Summary at any given drilldown level.

The right-hand pane also displays the list of Summaries for the schema you analyzed. Each Summary that contains more than one item is hyperlinked. Clicking a hyperlinked summary takes you to the corresponding summary where you can view the actual information.

Try this: Viewing Summaries:

1. Toggle the Summary Tree to on by clicking the button.

2. Click on **User Summary** in the Summary Tree. All the Users in your storage are displayed in the right hand pane. The number of Hits, Duration and Size of data transmitted are also displayed. The bottom right hand pane charts the top 25 items in the Summary.
3. Click the 'Hits' column heading to sort the Summary by this field. You will notice the vertical axis of the chart changes depending on the column you are sorting by.

You will notice that the Summary items in the right hand pane are hyperlinked. You can drilldown into any Summary item to view Summaries that pertain only to that summary item.

Try this: Drilldown into the User with the most number of Hits:

1. Click the User at the top of the list. Vantage Premium performs a drilldown and retrieves all the Summaries that pertain to that User.
2. Once the drilldown is complete, all the generated Summaries are listed underneath the User in the Summary Tree. Click next to the User to display the list of generated Summaries.

Once you have drilled down into a specific Summary item, you can view any Summary by selecting it in the Summary Tree. You can then repeat the Drilldown process with any of the Summary items displayed.

You can also Drilldown into a Summary item and jump to a specific Summary in one easy step using the right-click Drilldown function.

Try this: View the Site Profile for a specific User using the right-click Drilldown function:

1. Go to the User Summary by clicking this Summary in the Summary Tree.
2. Right-click on the first User in the list and select 'Drilldown' from the pop-up menu.
3. Select the Site Profile Summary from the sub-menu.

Vantage Premium then performs a drilldown into the first User in the list and displays the Site Profile Summary.

Your drilldown path is displayed at the top of the right hand pane. You can easily jump back to a previous level by clicking the appropriate button in this drilldown path. You can also select a different Summary at any level by dropping down the drop down menu on any of these buttons at the top of the pane. You can also use the Summary tree to browse through all your drilldowns and Summaries.

You can also filter the list of summary items using the Find edit box at the top of the screen. Simply enter the term you want to filter by and click the Find button. To clear the filter, click the Clear button.

Try This: Find all Google web sites:

1. Click the Site Name summary in the Summary Tree.

2. Enter 'Google' into the edit box in the Find task pad. All the sites that includes Google are displayed in the list.

Once you are confident browsing your Summaries and drilling down into Summary items, you can utilize the Summaries dock to dynamically extract any information you want to analyze from your imported log files.

Applying Aliases

When browsing your Summaries, you may want to group items together or represent some Summary items with more meaningful names. It is possible to perform these functions using Aliases.

For example, if you are viewing the Users contained within your User Summary, you may want to show the users actual name, or a shorten name to what is actually contained in the summary.

Some example Aliases are provided with the Vantage Premium install file you downloaded.

Try this: View the list of sample aliases:

1. Go to the Aliases dock by clicking the **Aliases** tab at the top of the screen.
2. Select any alias on the left to view the Alias Groups and Items in the right hand pane. The Alias Group is the name that will be displayed when any of the Group's Items match a Summary Item.

Any of these aliases can be applied to your Summaries in the Summaries dock using the Apply Aliases button on the toolbar in the right hand pane.

Try this: To apply Aliases to your Summaries:

1. Return to the Summaries dock by clicking the **Summaries** tab at the top of the screen.
2. Ensuring you have the 'My Storage' Analysis open (created in the topic ‘Running an Analysis’), select the User Summary in the Summary Tree.
3. Select 'Departments' in the Aliases task pad. All the Users are now represented by Department Names. Any Users that do not match a Department Name are grouped into the 'Unknown' Alias Group.

Aliases only apply to specific Summaries. This is configured on the Aliases dock and is explained in the topic ‘Configuring Aliases’. When browsing your Summaries, only Aliases that apply to the Summary you are viewing can be selected in the Aliases task pad.

Once an alias has been applied, you can drilldown into it as you can with any other Summary item.

Creating Reports

Vantage Premium enables you to produce report documents which you can send to other members of your organization, or archive.

The Reports dock enables you to configure and generate reports as well as manage any existing reports. To access the Reports dock, click the Reports tab at the top of the screen.

All Report templates are listed on the Reports screen. Each template has an Edit button and a Generate button. At bottom of the screen is the Reports Manager pane that lists all previously generated reports.

You can create three types of reports:

- Analysis Reports
  Analysis Reports enable you to define customized drilldown paths and Summaries. Analysis Reports can be generated as a printable or online report, or viewed in the Summaries dock by running an Template Analysis (see ‘Running a Template Analysis’).
- Trend Reports
  Trend Reports utilize statistical functions to calculate trends over time and predict values in the future (see ‘Creating Trend Reports’)
- Comparison Reports
  Comparison Reports enable you to quickly define up to four drilldowns that you want to view. The process of creating a Comparison Report is explained below.

Try this: Create a quick Comparison report:

1. Click the **Reports** tab at the top of the screen. This takes you to the Reports dock.
2. Click the **Comparison Reports** tab at the top of the Reports screen.
3. Click the **New Template** link in the Templates task pad. This launches the Add Template dialog.
4. Type 'My Comparison Report' in the Name edit box.
5. Select 'Sentinel Web' from the Schema drop down list.
6. Select the 'Comparison' radio button and click **OK**. A new Comparison Report Template is added to the Reports screen.
7. Click the **Edit** button on this template.
8. Ensure the '1' check box is checked enable the options for the first drilldown.
9. Select **User** from the ‘Summary’ drop down list and select **Usernames** from the ‘Alias’ drop down list. Select **Hits** from the ‘Order By’ drop down list.
10. Check the '2' check box to enable the options for the second drilldown.
11. Select **Site Name** from the ‘Summary’ drop down list and select **Hits** from the ‘Order By’ drop down list. Leave the ‘Alias’ drop down list set to none.

You have now configured a Comparison Report to drilldown into Users and display all the Site Resources for each one. You can now generate the Comparison Report to create a printable or online document (explained in the next topic 'Generating Reports').

You created an Analysis Report in the topic 'Creating an Analysis Template'. In addition to being able to run it in Summaries (see 'Running a Template Analysis') you can use it to generate a printable or online document (see 'Generating Reports').

Generating Reports

Vantage Premium comes with a list of predefined report templates that you can generate. You can also create your own customized report templates.

Reports can be generated in the following formats:

- Web Document (MHT)
- Web Document (HTML, Loose files)
- Microsoft® Word Document (DOC)
- Text Document (TXT)
- Comma Separated File (CSV)

Try This: Generate a report:

1. Click the **Reports** tab at the top of the screen. This takes you to the Reports dock.
2. Select the tab that contains the Report Template you want to generate. In this case, select the **Comparison Reports** tab.
3. Select 'My Comparison Report' you created in the previous topic and click the **Generate** button located on the template. This launches the Generate Report dialog.
4. On the **Storages** Tab, check 'My Storage' that you created in the topic 'Importing log files'. Click **Next**.
5. On the **Format** Tab, click the 'Web Document MHT' radio button. This will create an MHT file which is a packaged HTML document. Click **Next**.
6. On the **Publish** Tab, enter 'My Generated Report' in the Name edit box. Check the 'Display the report using the default viewer' checkbox. Click **Next**.
7. Click **OK**.

Vantage Premium then generates the report and opens it using the default viewer for the format you selected in step 5.

Web Document MHT reports can be created as a packaged document (MHT) or as loose HTML, where all the graphics, styles and html pages are contained in a folder. MHT files can only be viewed in Microsoft® Internet Explorer. To view HTML reports in other browsers, generate them as loose HTML.

Note: You can filter your reports using the Filter tab of the Generate Report dialog. For more information see Filtering. There are also other publishing options for reports such as emailing the report and copying it to a location. For more information, see Report Publishing. You can filter your reports using the Filter tab of the Generate Report dialog. For more information see Filtering. There are also other publishing options for reports such as emailing the report and copying it to a location. For more information, see Report Publishing.

You can also create a separate report document for each item in a Summary. For example, you can create a separate report for each user or each department in your organization.

Creating Tasks

Most actions you perform in Vantage Premium can be set to run automatically as part of a task. Importing data and running reports can therefore be done overnight, ready for you in the morning.

To create a task:

1. Click the **Tasks** tab at the top of the screen. This takes you to the tasks dock.
2. Click the **New Task** link in the Tasks task pad. This launches the Task Options dialog.
3. On the **General** page, enter a name for your task such as 'Weekly network usage report task'. Click **Next**.
4. On the **Schedule** page, check the 'Run task using Windows Task Scheduler' check box. The 'Key' that is displayed can be used to identify the Windows Job that gets created.
5. Select when you would like the task to run. For example, Start: 01/05/2005 at 06:00:00, Recurrence: Weekly - every 1 week on Fridays. Click **Next**.
6. On the **Authentication** page, enter the Windows user name and password that you want the task to run as, for example 'mydomain\john.citizen'.
7. Click **OK**.

Tip: You can receive notification each time your task runs, by configuring the task to send results to an email address using the 'Send task results by email' option on the General page. You can receive notification each time your task runs, by configuring the task to send results to an email address using the 'Send task results by email' option on the General page.

Now that you have created a task, you can add actions to the task.

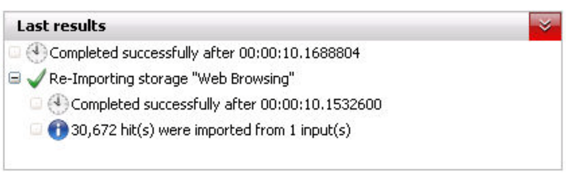
To add actions to a task:

1. Select the task you created in the Tasks list.
2. Click the **Add Action** button in the right-hand pane and select the action you want to run.

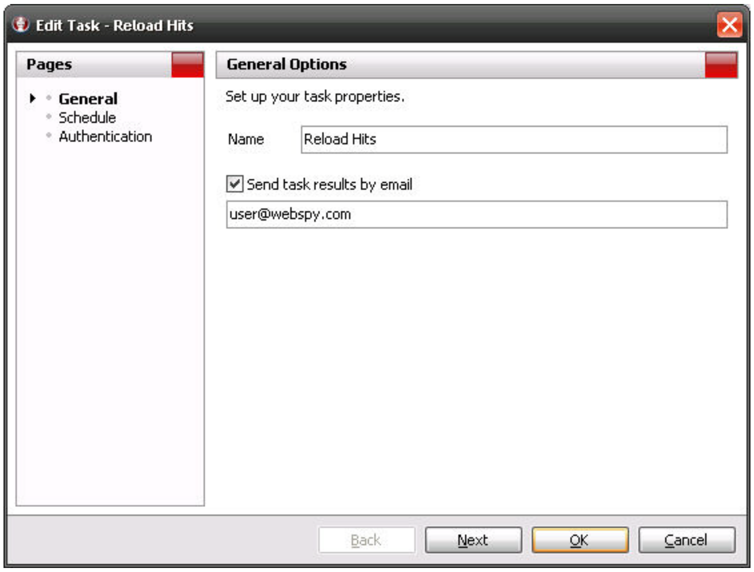
3. The action will be added to the Actions list and will include a number of sub-actions. For example, the 'Run a comparison or analysis report'' task action has two sub-actions: 'Select template' and 'Configure report'.
4. Double-click each sub-action to configure them.
5. Once you have added all the actions you want the task to run, and configured all the sub-actions, you can run the task by clicking the **Run Task** link in the Tasks task pad. This is a good way to test that the task is working as you expect.
6. Once you are happy with your task, you can leave it to run as scheduled.

Tip: Tasks are not only useful for running actions at convenient times, but also for setting up batch jobs. For example, if you always want to run a set of 10 reports, you can configure a task that runs these reports, and simply click the 'Run Task' button when you want to generate those reports. This is much more convenient than generating each report one by one. On the Task Options dialog, uncheck the 'Run task using Windows Task Scheduler' check box' so that the task doesn't try to run at a scheduled time. Tasks are not only useful for running actions at convenient times, but also for setting up batch jobs. For example, if you always want to run a set of 10 reports, you can configure a task that runs these reports, and simply click the 'Run Task' button when you want to generate those reports. This is much more convenient than generating each report one by one. On the Task Options dialog, uncheck the 'Run task using Windows Task Scheduler' check box' so that the task doesn't try to run at a scheduled time.

Once completed, task results are displayed in the ‘Last Results’ section of the selected task.



These results can also be sent by email. This option can be found on the General page of the task options, accessed via Edit Task.



End of Tutorial

That concludes the quick start tutorial. You should now have enough information to start using Vantage Premium to analyze and report on your own log files.

If you require more information, please visit the WebSpy web site at www.webspy.com. You can also contact WebSpy Support by emailing support@webspy.com or visiting our support page

If you are testing a pre-release version of this product, such as a technology preview, beta, or release candidate, please submit your feedback using our beta feedback page.

If you would like to receive updates when pre-release versions are made available, as well as get access additional testing resources, please register as a WebSpy beta tester by submitting your details using our beta registration page.

Thank you for using WebSpy Vantage Premium.