Pitney Bowes Software

Plain Text Scanner

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® Plain Text Scanner Manual

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Plain Text Scanner

What it includes:

- About Plain Text Scanner
- Scanning Plain Text Files
- Working with scanned Plain Text Files
    - Searching Plain Text files for Domains
    - Searching Text

About Plain Text Scanner

Using **Plain Text Scanner** you can scan plain text files across your enterprise data landscape and perform a number of activities like searching for domains and texts in them.

Scanning Plain Text Files

This topic teaches you to find out plain text files located in any system in your network.
To scan plain text files:

- Right click the desired system from the left hierarchy pane and select **Scan Plain Text Files** option. **Scan Plain Text Files** wizard appears
- On Step 1 of the wizard:
  - Select a source
  - Specify a directory or select appropriate checkbox to scan the entire system.
  - Select appropriate checkbox to:
    - scan compressed files
    - scan plain text files in emails

Figure 1: Scanning plain text files

Click **Next**.

- On Step 2 of the wizard:
  - select the appropriate radio button to run the task now or schedule it for a later time
  - Assign a priority level by choosing between five priority options **(Background, Low, Normal, High, Critical)**
  - Select the **Run tasks in parallel** check box to enable running more than one task at the same time and specify **Maximum tasks to run in parallel**
  - You can also add time restrictions by clicking on the **Add Time Restrictions** link

Click **Finish**.

Viewing scanned Plain Text files

Scanned plain text files of the selected system appear in a separate explorer pane. You can view this explorer pane from the **Scanned Files** tab on the right display pane if a system from the left hierarchy pane is selected. In the explorer pane, you can select a drive or directory from the hierarchy on the left to view all scanned plain text files in a list view on the right.

Figure 2: Viewing scanned plain text files

Working with scanned Plain Text files

You can search for domains and text in the scanned Plain Text files.

Searching Plain Text files for Domains

Actions in grey need to be completed sequentially before the current action is performed. The current action is marked in red.

Pre-requisites

- Scan Plain Text File
- Search Domains

This topic teaches you to search domains in plain text files.

To search a plain text for domains:

- Right click a system from the left hierarchy pane and select **Search Domains** option. **Search Domains** wizard appears.
- On Step 1 of the wizard:
  - Select the drive where you want to search the plain text files for domains. You may choose to search the entire drive by selecting the appropriate checkbox.

Click **Next**.

- On Step 2 of the wizard appears if you de-select Search Entire Drive checkbox:
  - Select the plain text files in which you want to search domains.

Click **Next**.

- On Step 3 of the wizard:

- Select **domains** (from a list of pre-defined domains bundled with the software) that you would like to search.

Figure 3: Searching domains in plain text files - step 3

Click **Next**.

- On Step 4 of the wizard, you can:
  - Specify appropriate keywords for the selected domains to filter the search and reduce the number of false positives. This step is optional.

Click **Next**.

- On Step 5 of the wizard specify the following parameters:
  - Minimum number of matches
  - Select **Apply Match Threshold %** checkbox to the change default matching threshold.
  - To search a file for multiple domains select the appropriate checkbox and specify the number of domains to number of domains to search.
  - Check the appropriate checkbox to:
    - upload matched file(s) to server
    - rerun domain scan for previously scanned files

Figure 4: Searching domains in plain text files - step 5

Click **Next**.

- On Step 6 of the wizard:
  - Select the appropriate radio button to run the task now or schedule it for a later time.
  - Assign a priority level by choosing between five priority options **(Background, Low, Normal, High, Critical)**
  - Select the **Run tasks in parallel** check box to enable running more than one task at the same time and specify **Maximum tasks to run in parallel**
  - You can also add time restrictions by clicking on the **Add Time Restrictions** link

Click **Finish**.

Viewing searched domains

Domain Search Results tab at system level displays all plain text files in which domains are found. The hierarchical table view also displays file owners name and number of records found. You can select the **Is False Positive** checkbox if the domain found is not correct.

Searching Text in Plain Text files

This topic teaches you to search text in plain text files.

To search text:

- Select **Search** tab.
- Right click the **Search** root node from the left hierarchy pane and select **Search Text** option. **Search Text** wizard appears.
- On Step 1 of the wizard:
  - Select drives where the files in which you want to search for the text reside.

Figure 5: Searching text - step 1

Click **Next**.

- On Step 2 of the wizard:
  - Click on **Basic** tab to
    - search an exact word or phrase
  - Click on **Advanced** tab to
    - search all the words, exact word or phrase, one or more of the given words, or to restrict viewing of files that have some specific words

Figure 6: Searching text - step 2

Click **Next**.

- On Step 3 of the wizard:
  - Provide name and description

Click **Next**.

- On Step 4 of the wizard:

- select the appropriate radio button to run the task now or schedule it for a later time
- Assign a priority level by choosing between five priority options **(Background, Low, Normal, High, Critical)**
- Select the **Run tasks in parallel** check box to enable running more than one task at the same time and specify **Maximum tasks to run in parallel**
- You can also add time restrictions by clicking on the **Add Time Restrictions** link

Click **Finish**.

Viewing files having the searched text

Search Results tab at the system level displays number of times a searched text is found in plain text files. You can add more field(s) in the pivot grid from the Field list for a detailed analysis. By default you can view the search name, location where the search is conducted, number of files searched and number of files in which the searched text is found.

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