Pitney Bowes Software

LDAP Scanner

User Guide

Spectrum™ Technology Platform

Data Discovery Module

Version 8

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Global IDs Product Suite® LDAP Scanner Manual

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LDAP Scanner

What it includes:

- About LDAP Scanner
- Connecting to LDAP Server
- Scanning LDAP directory

About LDAP Scanner

LDAP Scanner application enables you to connect to an LDAP (Lightweight Directory Access Protocol) server and scan the directories in it.

Connecting to LDAP Server

This topic teaches you to connect to a LDAP server located in any system in your network.
To do so:

- Right click the root node of the left hierarchy pane and select **Add LDAP Connection** option. **Add LDAP Connection** wizard appears.
- On Step 1 of the wizard:
  - Provide a connection name.
  - Specify name/IP of the system where the LDAP server is located.
  - Choose a protocol from the following options:
    - LDAP
    - LDAPS
    - LDAP (StartTLS)
  - The default port appears depending on the protocol you select. You can change it if required.
  - Select the authentication type from the following options:
    - ANONYMOUS
    - CRAMMD5
    - DIGESTMD5
    - GSSAPI
    - PLAIN
    - SIMPLE
  - Provide the Authentication ID or User DN. If the protocol is SIMPLE, you need to provide USER DN. For all other protocols, you need to provide Authentication ID.
  - Provide the password.

  Click **Next**.

Figure 1: Connecting to LDAP Server

- 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 LDAP Connection

Once the connection to the LDAP server is established successfully, it appears in the left hierarchy pane.

Scanning LDAP directory

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

Pre-requisites

- Add LDAP Connection
- Scan LDAP Directory

This topic teaches you to scan the LDAP directory to which connection has been established.

To do so:

- Right click a LDAP connection from the left hierarchy pane and select **Scan LDAP Directory** option. **Scan LDAP Directory** wizard appears.
- On Step 1 of the wizard:
  - Provide a name and description of the scan.

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 data references in code files

Once you have scanned the LDAP directory, it will be visible in the left hierarchy pane. If you select it, you can view the directory structure along with the attributes and values from the right display pane. On the right display pane, you can view the directory structure on the top. If you select an element from here, you will be able to view the attributes and their values from the **LDAP Entry Attributes** section below.

Figure 2: Viewing LDAP directory

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