



CONFIGURATION GUIDE

DATA DISCOVERY AND CLASSIFICATION

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1 Introduction

The Data Discovery & Classification module from the Lepide Data Security Platform allows you to give more context around your most sensitive data. You can easily identify potential areas of exposure and apply the correct access controls. You will, for example, be able to see how many of your files contain sensitive data, where they are distributed, and what type of data you have.

This guide explains how data is classified within the module and helps to familiarize you with the configuration of Data Discovery & Classification.

If you have any questions at any point in the process, you can contact our Support Team. The contact details are listed at the end of this document.

2 The Data Discovery & Classification Screen

- Click the  icon to go to the Data Discovery & Classification screen:

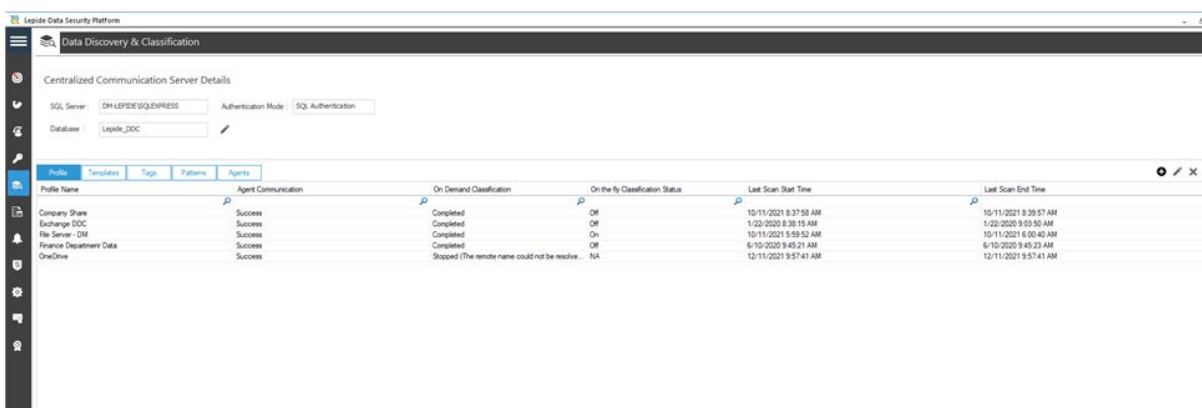
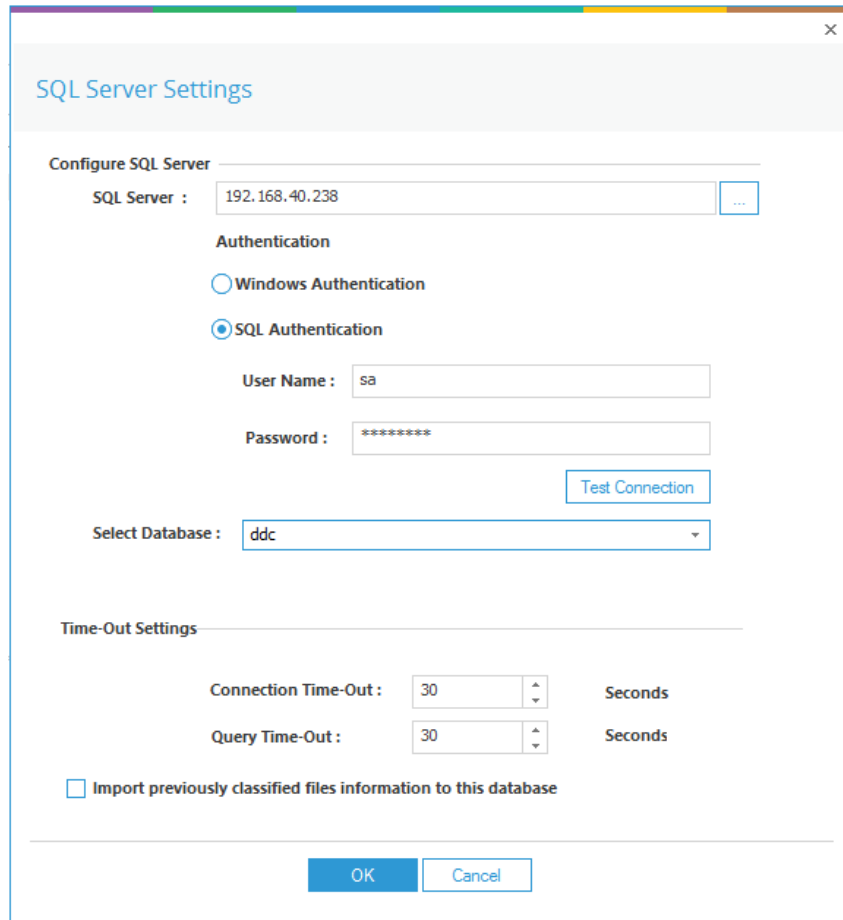


Figure 1: Data Discovery & Classification Screen

From this screen, you can add or modify the Centralized Communication Server Details. This SQL server will contain the file classification data and will be queried by the Data Discovery & Classification agent.

To Configure Data Discovery and Classification SQL server details:


- Click the  icon to Modify the settings. The following dialog box will appear:



The dialog box is titled "SQL Server Settings". It contains the following sections:

- Configure SQL Server**:
 - SQL Server : 192.168.40.238 (with a dropdown arrow icon)
- Authentication**:
 - ☐ Windows Authentication
 - ☒ SQL Authentication
 - User Name : sa
 - Password : (masked with asterisks)
 - Test Connection button
- Select Database**: ddc (dropdown menu)
- Time-Out Settings**:
 - Connection Time-Out : 30 Seconds
 - Query Time-Out : 30 Seconds
- ☐ Import previously classified files information to this database
- OK and Cancel buttons at the bottom.

Figure 2: SQL Server Settings

- Add the IP address for the SQL server. Click the  icon to display a list of servers
- Choose **Windows Authentication** or **SQL Authentication**
- Click **Test Connection**
- The following dialog box will appear if the test is successful:

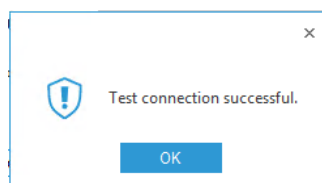


Figure 3: Successful Connection Message

- Click **OK**
- From the **Select Database** drop-down, type a new database name or select an existing database
- Change the **Time-Out Settings** if required
- Check the **Import previously classified files information to this database** if required
- Click **OK**

2.1 How Data is Classified

Once Data Discovery & Classification has been configured, your data will need to be scanned to highlight the most sensitive data and this can then be reported on.

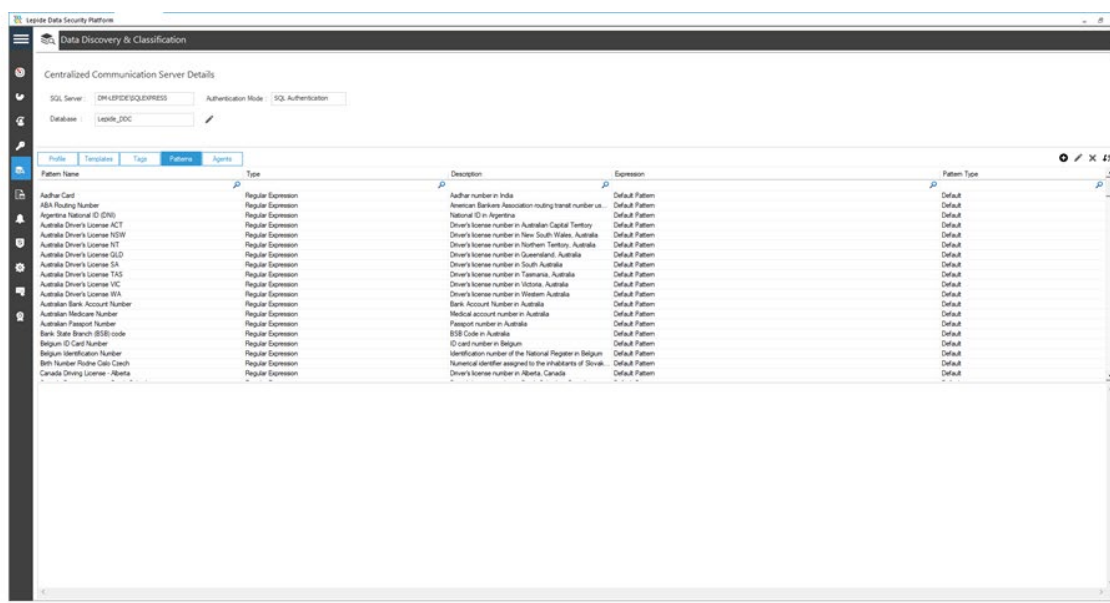
Sensitive data will vary for different organizations and can include anything you choose but typical examples are credit card numbers, passport numbers, social security numbers, personal data and so on. For the Solution to be able to detect your sensitive data, you will need to specify what it should look for. This is done in the form of patterns, tags, templates, and profiles which are explained as follows:

2.1.1 Patterns

Patterns are the strings or regular expressions which can be used to classify the data and are the lowest, most detailed level of the data classification structure.

Data patterns such as credit card numbers, passport numbers, postcodes etc. always follow a certain pattern and so can be detected within data. There are many patterns included by default within the Lepide Data Security Platform, but custom patterns can be created if necessary.

In the example below, the **Pattern Tab** has been selected. Information about the Patterns including Pattern Name, Type and Description is displayed on the screen:



2.1.2 Tags

A Tag contains one or more patterns so that you can group similar patterns together.

For example, with a credit card number, a pattern would be a regular expression containing a 16-digit number.

However, credit card numbers can be further subdivided as the first four digits of the number refer to a specific bank.

Therefore, we can have a pattern for say Credit Card Visa, another for Credit Card Amex and so on.

These patterns can then be grouped together within a Tag called Credit Card and it will contain all credit card numbers for the different banks.

In the example below, the **Tags Tab** has been selected. Information including Tag Name, Description, and the Patterns it contains is displayed on the screen:

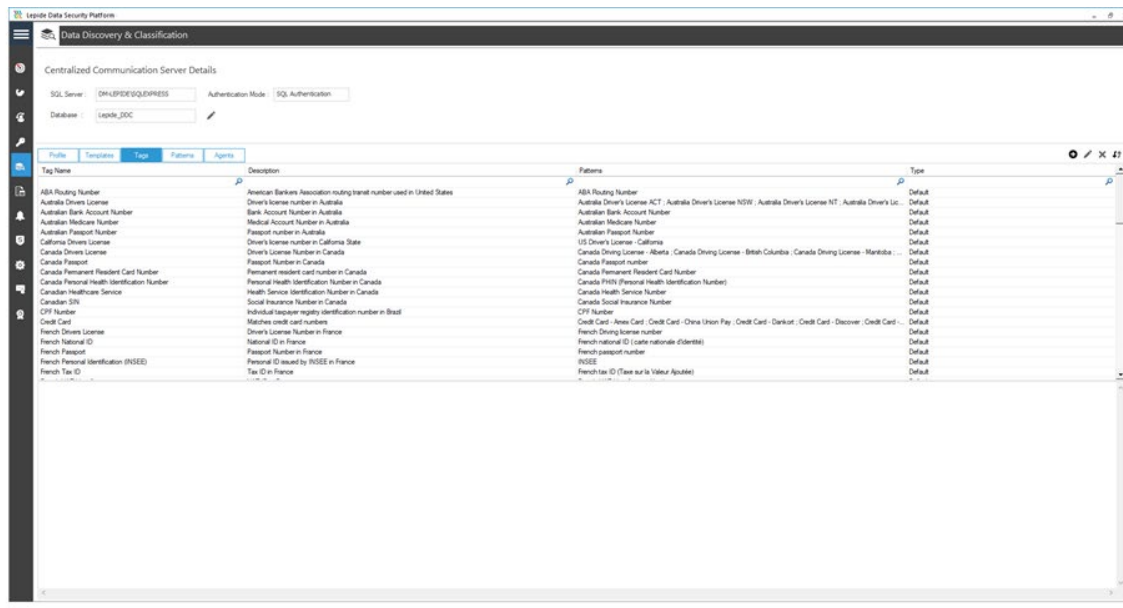


Figure 5: Tags Tab

If you click on a Tag, more information about the Tag is displayed at the bottom of the screen:

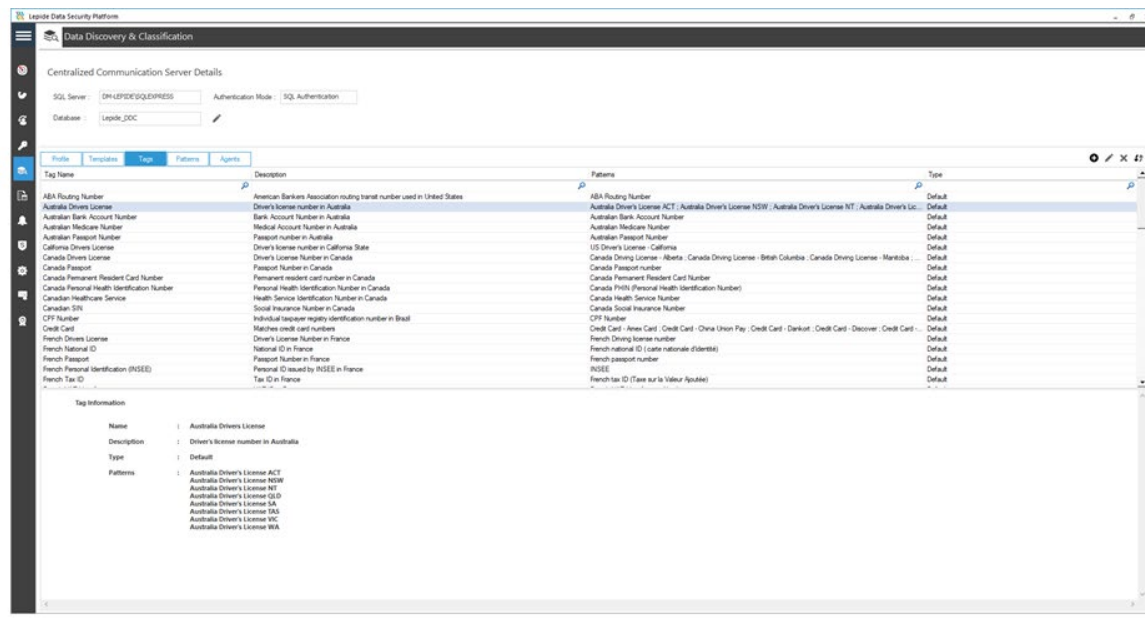


Figure 6: Tags Tab with Detail

2.1.3 Templates

A Template contains one or more Tags so that you can group similar Tags together.

In the credit card example, you may want to group credit card information together with other financial data and so you could create a Template called 'Financial Data'.

In the example below, the **Templates Tab** has been selected. Information including Template Name, Tag Name, Description, and the Patterns it contains is displayed on the screen.

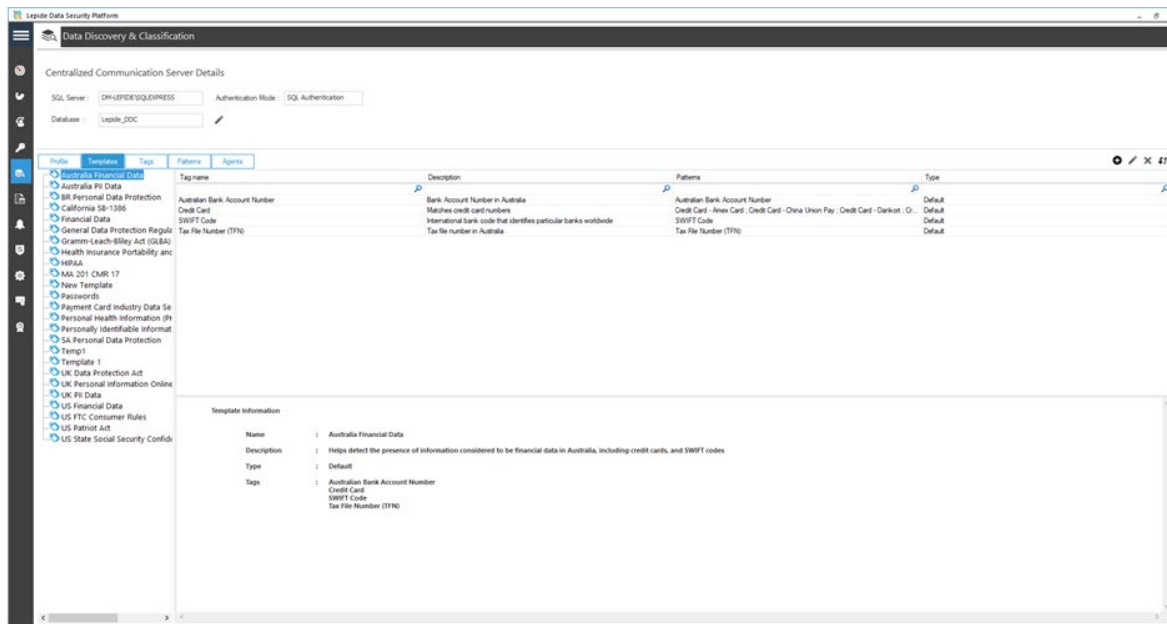


Figure 7: Templates Tab

2.1.4 Profile

A profile contains a group of Templates and is the highest level of the data classification structure.

The example below shows a Profile called **Company Share** and status information related to it. In the lower part of the screen is more detailed information relating to the Profile including the Component Type, Folder Information, and the Templates it contains.

Centralized Communication Server Details

SQL Server: DM-LEPIDE\SQLEXPRESS Authentication Mode: SQL Authentication
Database: Lepide_DOC

Profile Name	Agent Communication	On Demand Classification	On the Fly Classification Status	Last Scan Start Time	Last Scan End Time
Company Share	Success	Completed	Off	10/11/2021 8:37:58 AM	10/11/2021 8:39:57 AM
Exchange DDC	Success	Completed	Off	1/22/2020 9:38:15 AM	1/22/2020 9:03:50 AM
File Server - CRM	Success	Completed	On	10/11/2021 5:59:52 AM	10/11/2021 6:00:40 AM
Finance Department Data	Success	Completed	Off	6/10/2020 9:45:21 AM	6/10/2020 9:45:23 AM
OneDrive	Success	Stopped (The remote name could not be resolved)	NA	12/11/2021 9:57:41 AM	12/11/2021 9:57:41 AM

Profile Information

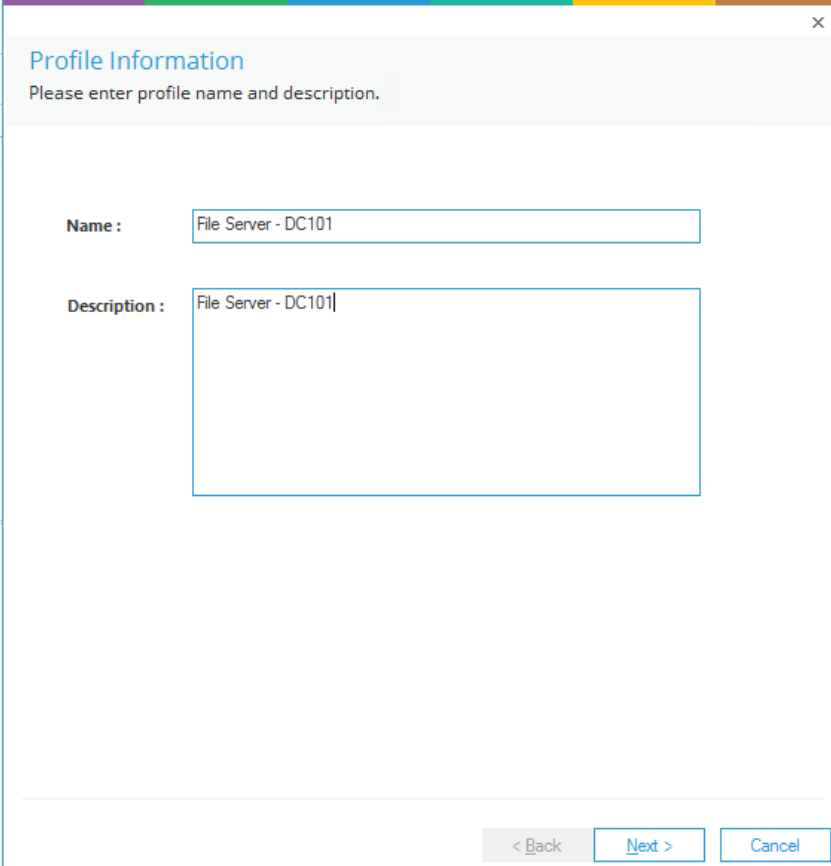
Name: Company Share
Description:
Component Type: Windows File Server
Folder Information: \\\DC-LEPIDE\DATA\Data from Development ; \\\DC-LEPIDE\DATA\Dev-FSA ; \\\DC-LEPIDE\DATA\Directors ; \\\DC-LEPIDE\DATA\Employees Quota ; \\\DC-LEPIDE\DATA\Finance ; \\\DC-LEPIDE\DATA\HR ; \\\DC-LEPIDE\DATA\Marketing ; \\\DC-LEPIDE\DATA\Operations ; \\\DC-LEPIDE\DATA\Support
Status: Completed
On the Fly Status: Off
Templates: Australia PI Data ; BR Personal Data Protection ; California SB-1386 ; Financial Data ; General Data Protection Regulation (GDPR) ; Gramm-Leach-Bliley Act (GLBA) ; Health Insurance Portability and Accountability Act (HIPAA) ; HIPAA ; MA 201 CMR 17 ; Passwords ; Payment Card Industry Data Secu
Schedule:
Start Time: 10/11/2021 8:37:58 AM
End Time: 10/11/2021 8:39:57 AM
Classification Server: 172.31.22.237

Figure 8: Profiles Tab

3 Create a New Profile for Windows File Server

The first step in configuring Data Discovery & Classification is to add a Profile. The Profile will contain Classification Templates which in turn will contain the Tags and Patterns for the data:

- From the Data Discovery & Classification screen
- Click on the **Profile** tab
- Click the **+** icon
- The **Profile Information** dialog box appears:



Profile Information
Please enter profile name and description.

Name : File Server - DC101

Description : File Server - DC101

< Back Next > Cancel

Figure 9:Profile Information Dialog Box

- Add a profile **Name** and optional **Description**
- Click **Next**

The **Select Object(s)** dialog box is displayed:

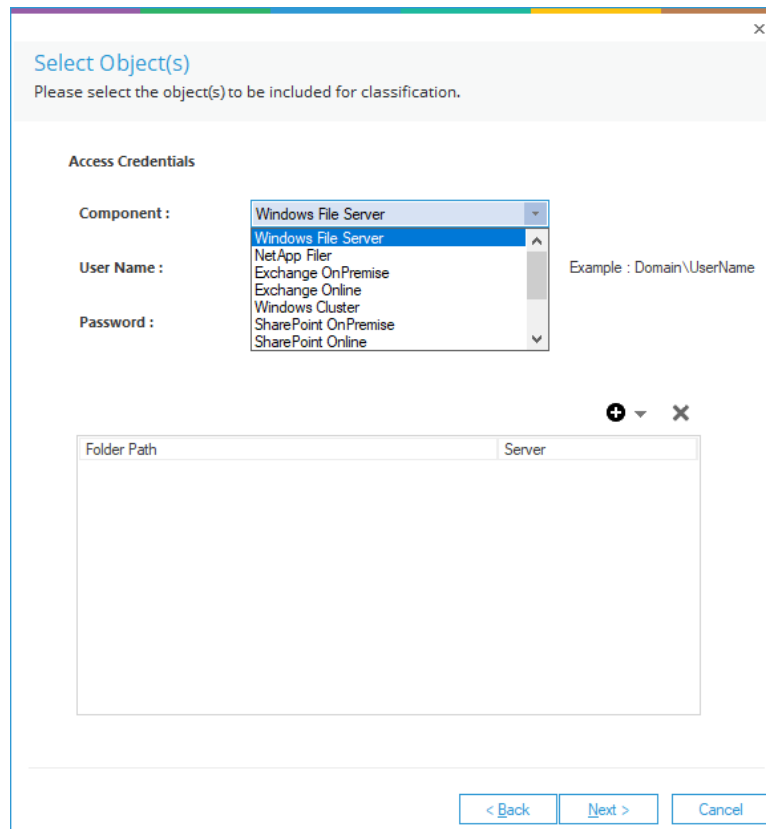


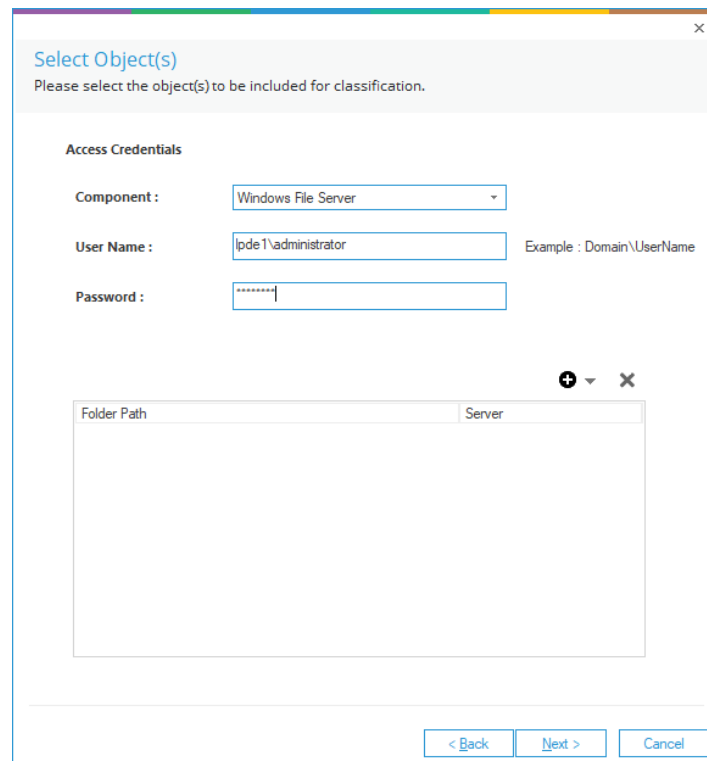
Figure 10: Select Objects Dialog Box

This dialog box lets you add one of the following components:

- Windows File Server
- NetApp Filer
- Exchange OnPremise
- Exchange Online
- Windows Cluster
- SharePoint OnPremise
- SharePoint Online
- OneDrive
- Dropbox
- Linux
- Unix

The following steps will cover the **Windows File Server** component. The other components are described later in this document.

- Select the **Windows File Server** component
- Type in the **Username** and **Password**



The screenshot shows a dialog box titled "Select Object(s)" with a close button (X) in the top right corner. Below the title bar, it says "Please select the object(s) to be included for classification." The dialog is divided into two main sections. The top section, "Access Credentials", contains three fields: "Component" (a dropdown menu with "Windows File Server" selected), "User Name" (a text box with "lpde1\administrator" entered, and an example "Example : Domain\UserName" to its right), and "Password" (a text box with masked characters "*****"). The bottom section contains a table with two columns: "Folder Path" and "Server". The table is currently empty. Above the table, there is a plus icon (+) and a close icon (X). At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

Figure 12: Select Object - Windows File Server

3.1 Folder Options

You will need to specify the folder(s) where the data is stored. There can be multiple folders included within a profile. To add a Folder:

- Click the **+** icon. A menu is displayed with the following options:
 - All Shares:** This is all shared folders within file server components
 - Import from Existing DataSet:** This is an existing dataset within the Lepide Data Security Platform
 - Import from CSV:** This is a .CSV file containing folder location paths
 - Set UNC Path:** This is a path specified in the format: \\server-name\shared-resource-pathname

Scan Shares from audited File Servers: These are shared drives within file server components which have been added to the Lepide Data Security Platform.

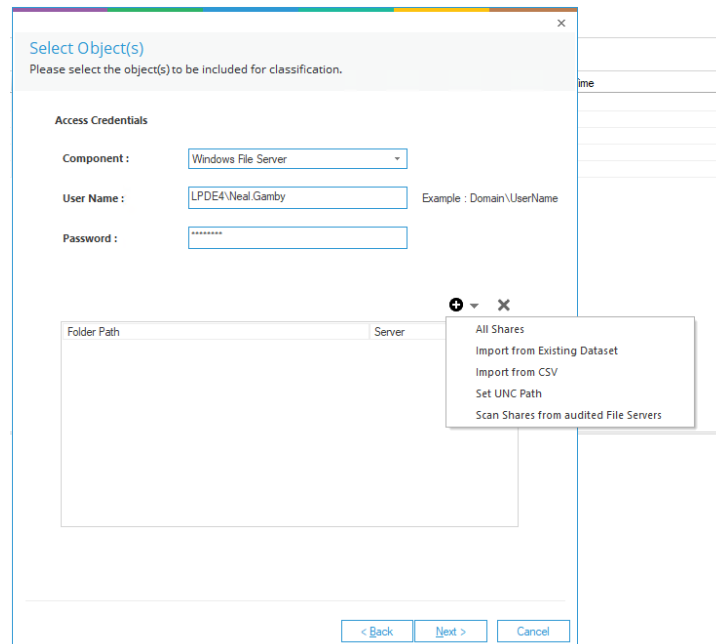


Figure 13: The Add Menu

- For this example, select **All Shares**. The following dialog box appears:

- Specify the File Server path using \\server name format and click **OK**

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : Windows File Server

User Name : LPDE4\Neal Gamby Example : Domain\UserName

Password :

Folder Path :

File Server :

Note : Use \\server name Format.

OK Cancel

< Back Next > Cancel

Figure 14: Specify the File Server Path

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : Windows File Server

User Name : LPDE4\Neal Gamby Example : Domain\UserName

Password :

Folder Path : \\DCD01\\\$ALL\$

Server : DCD01

< Back Next > Cancel

Figure 15: Folder Path Specified

- Click **Next**

The **Assign Templates** dialog box is displayed:

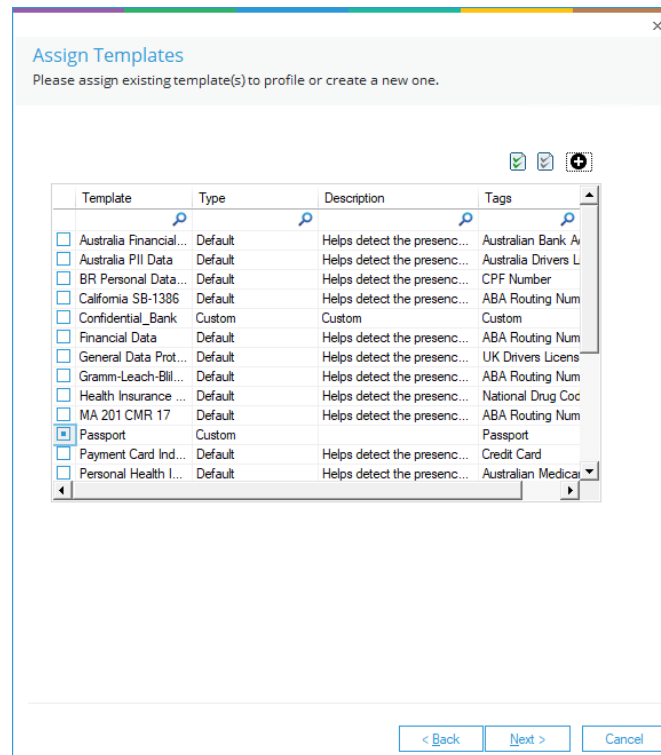



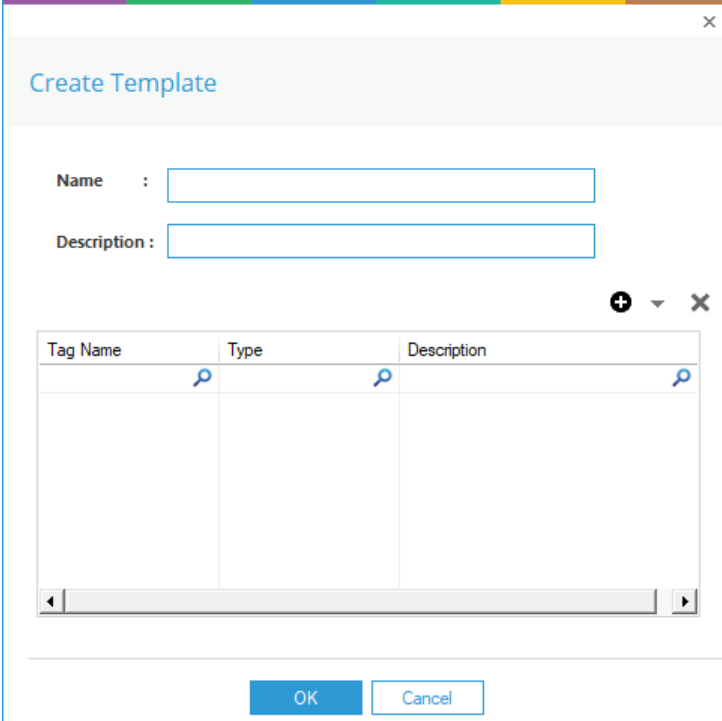


Figure 16: Assign Templates dialog box

- From here you can:
 - Select one or more existing Templates using the check boxes
 - Click the  icon to select all Templates
 - Click the  icon to remove the selection
 - Click the  icon to add a new Template. The following dialog box is displayed:

3.2 Create a New Template



The 'Create Template' dialog box is a window with a title bar and a close button (X). It contains two text input fields: 'Name' and 'Description'. Below these fields is a table with three columns: 'Tag Name', 'Type', and 'Description'. Each column has a magnifying glass icon. To the right of the table is a '+' icon, a dropdown arrow, and an 'X' icon. At the bottom of the dialog are 'OK' and 'Cancel' buttons.

Tag Name	Type	Description

Figure 17: Create Template dialog box

- Add a **Name** and **Description** for the Template:
- Click the **+** icon to add a **Tag** to the template. A menu is displayed:

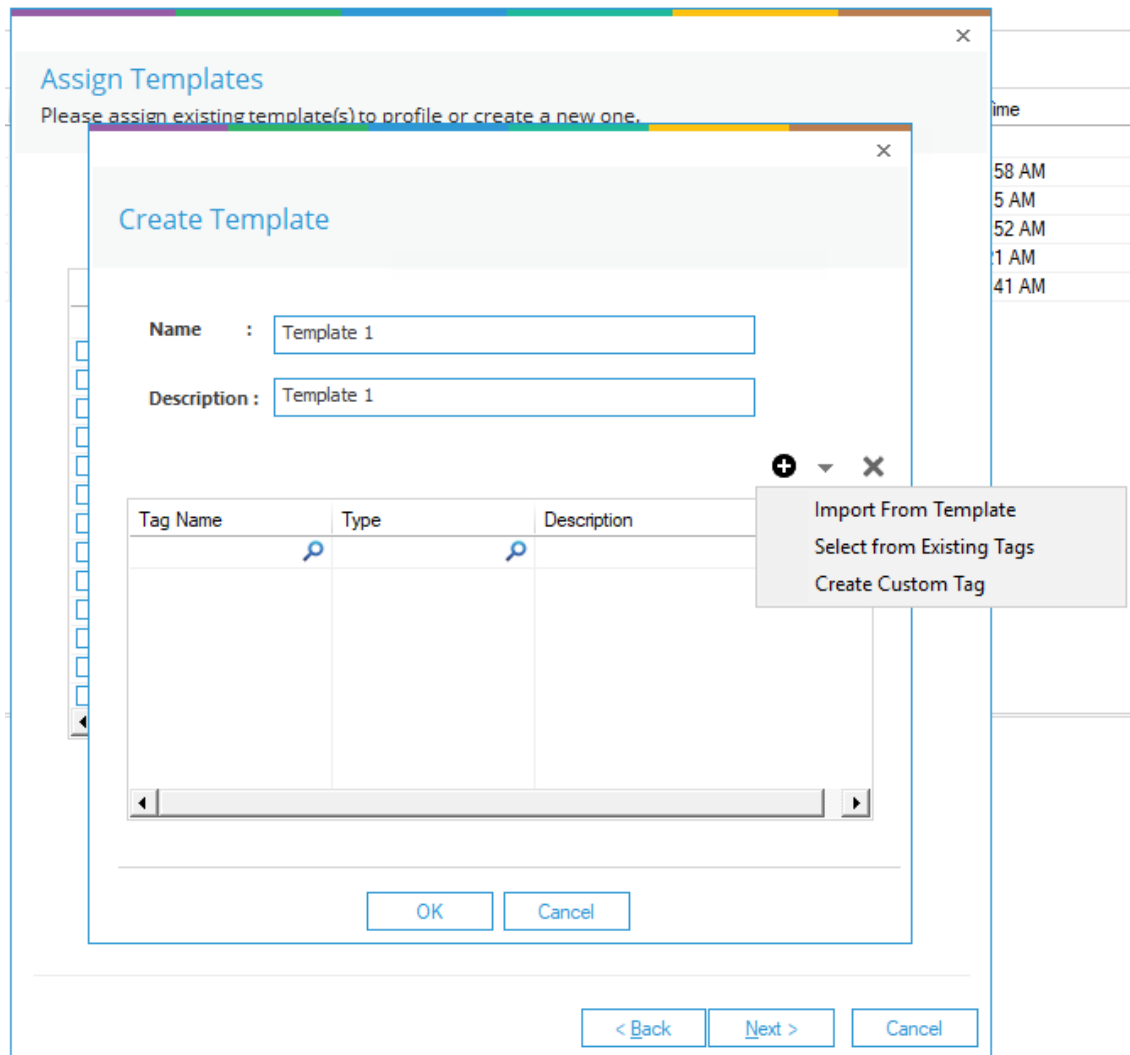


Figure 18: Add Tag Options

- You can do one of the following:
 - Import From Template
 - Select from Existing Tags
 - Create Custom Tag
- For this example, choose **Create Custom Tag** and the **Create Tag** dialog box will appear:


3.3 Create a New Tag

Pattern	Type	Expression

Figure 19: Create Tag

- Add a **Name** and **Description** for the Tag
- The next step is to add the pattern(s) to the Tag

Patterns are the strings or the regular expressions which can be used to classify the files. You can either choose from an existing pattern or create a new one.

- Click the  icon and a menu will be displayed:

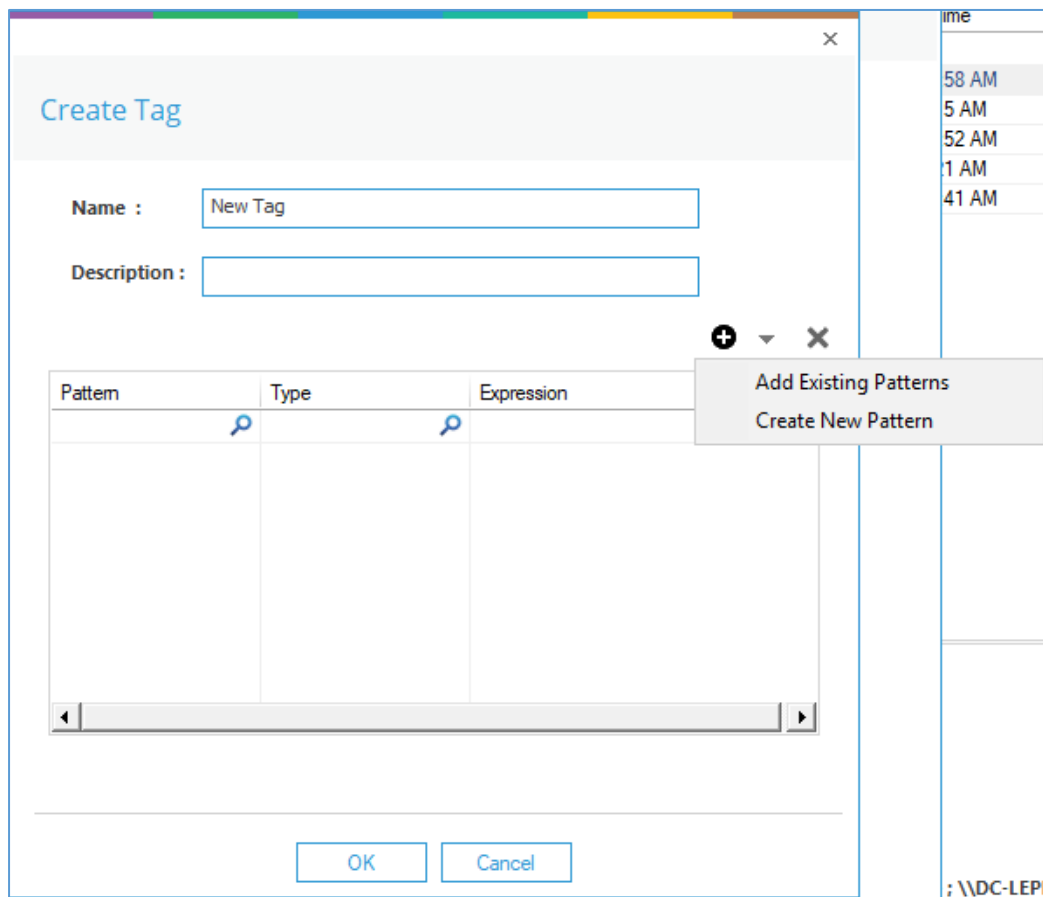


Figure 20: Pattern Options

3.4 Add an Existing Pattern to a Tag

- To add an existing pattern, choose **Add Existing Patterns** and the following dialog box will appear:

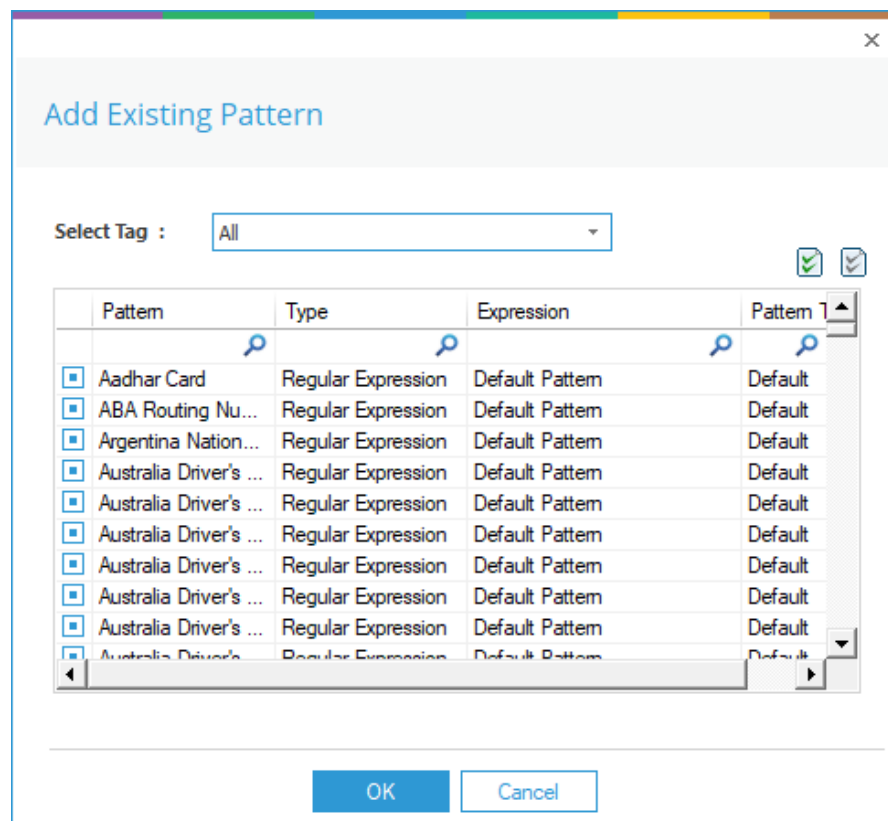




Figure 21: Add Existing Pattern

- From here you can:
 - Select one or more existing Patterns using the check boxes
 - Click the  icon to select all Patterns
 - Click the  icon to remove the selection
- Select which Patterns you require then click **OK**

3.5 Create a New Pattern

From the Create Tag dialog box:

Click the  icon and select **Create New Pattern**. The following dialog box is displayed:

Create New Pattern

Name :

Type :

Description :

Regex/String :

Risk Level : Monetary Value :

☐ Supporting Evidence

Proximity : characters

Keywords to include :
Enter each keyword in a new line

Keywords to exclude :
Enter each keyword in a new line

Regex to include :
Enter each regex in a new line

OK Cancel

Figure 22: Create New Pattern

- Add a **Name** and **Description** for the Pattern
- Choose the **Type** which can be **Regular Expression**, **String** or **Case Sensitive String**
- Type in the **Regex/String**. This is in PowerShell code format
- Type a value for **Risk Level** and **Monetary Value**
- Check the **Supporting Evidence** box if required
- Add **Proximity**: which is the number of characters around the Pattern
- **Keywords to include**:
- **Keywords to exclude**:
- **Regex to include**
- Click **OK** when finished

- Click **OK**

The File Type dialog box is displayed:

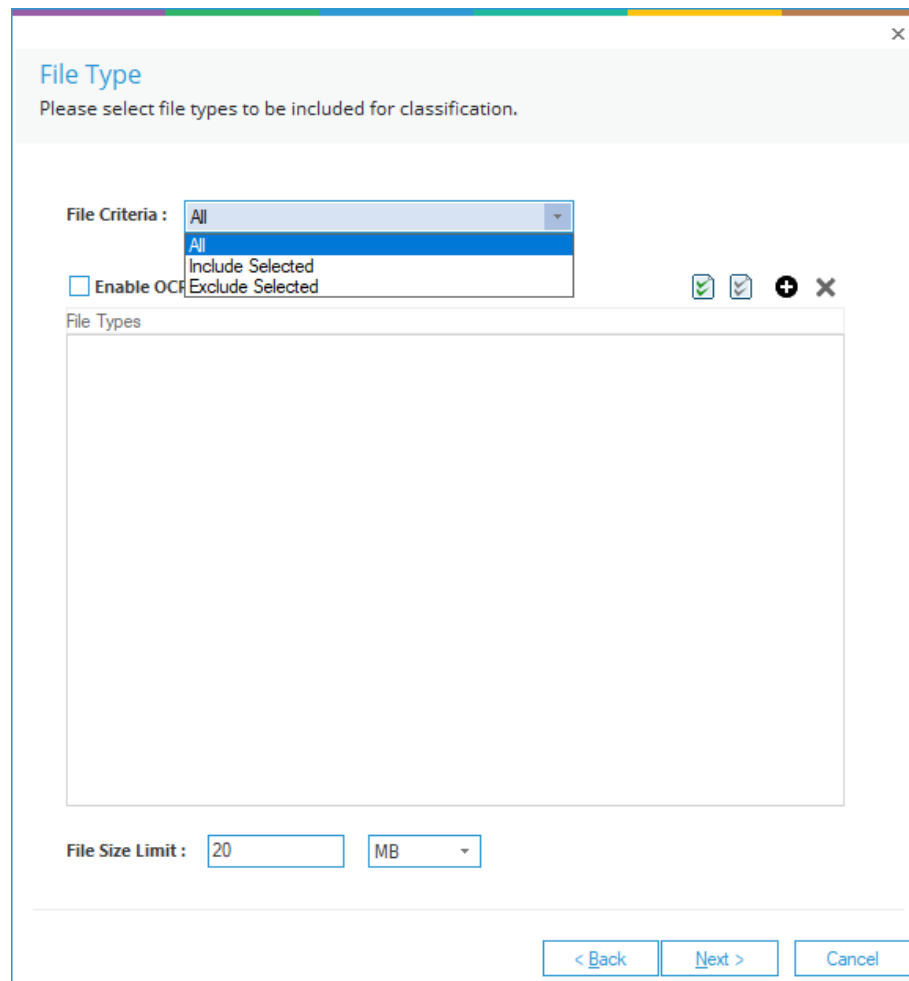






Figure 23: File Type dialog box

- Select the file types which you want to scan for the Data Classification. The Default is **All**.

- If you choose **Include** or **Exclude Selected** you can do the following:
 - Select one or more file types using the check boxes
 - Click the  icon to select all File Types
 - Click the  icon to remove the selection
 - Click the  icon to add a new File Type. Check the **Enable OCR** box if required
 - Click the  icon to remove a File Type
- Select the **File Size Limit**
- Click **Next**

- The **SQL Server Settings** dialog box is displayed:

SQL Server Settings

Please enter SQL information to store data.

Configure SQL Server

SQL Server : DM-LEPIDE\SQLEXPRESS

Authentication

☒ Windows Authentication

☐ SQL Authentication

User Name :

Password :

Test Connection

Select Database : DDC

< Back Next > Cancel

Figure 24: SQL Server Settings

- Specify the **SQL Server Settings**
- Click **Next**

- The Classification Server dialog box appears:

Classification Server
Please select the classification method and server.

☐ On the fly Classification ?

☐ Classify Now

☐ Classification Schedule

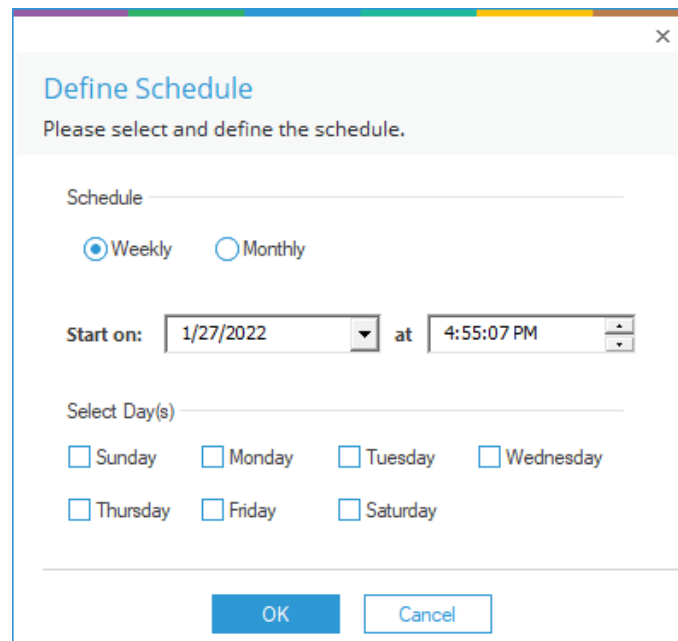
Change Schedule

Classification Server :
Please enter the IP of the server where you need to host the Classification agent.

< Back Finish Cancel

Figure 25: Classification Server

- You will need to set the classification Method and specify the Classification Server.
- Classification Method has the following options:
 - **On the fly Classification** – Files will be scanned whenever they are changed or added
 - **Classify Now** – This will run a scan immediately
 - **Classification Schedule** – This allows you to specify a date and time to run a scan
- You can choose one or more of these options as required.
- If you choose Classification Schedule, the **Change Schedule** button is enabled. Click this button to define your schedule:

A dialog box titled "Define Schedule" with a close button (X) in the top right corner. Below the title is the instruction "Please select and define the schedule." The "Schedule" section has two radio buttons: "Weekly" (selected) and "Monthly". The "Start on:" section shows a date "1/27/2022" in a dropdown menu and a time "4:55:07 PM" in a time picker. Below this is the "Select Day(s)" section with checkboxes for "Sunday", "Monday", "Tuesday", "Wednesday", "Thursday", "Friday", and "Saturday". At the bottom are "OK" and "Cancel" buttons.

Define Schedule

Please select and define the schedule.

Schedule

☒ Weekly ☐ Monthly

Start on: 1/27/2022 at 4:55:07 PM

Select Day(s)

☐ Sunday ☐ Monday ☐ Tuesday ☐ Wednesday

☐ Thursday ☐ Friday ☐ Saturday

OK Cancel

Figure 26: Define Schedule

From the Classification Server dialog box, you will need to specify the Classification Server. This is the machine where the classification agent is installed. This can be either the Lepide Console, the Local File Server or any remote file server.

- Click **Finish** when you have completed the information.

If an Agent is not installed, the following message box will be displayed:

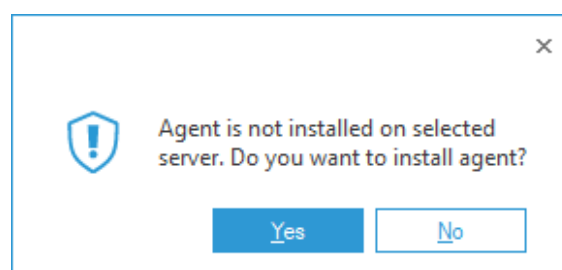


Figure 27: Message Box Asking to Install an Agent

- Choose **Yes** to install the Agent

3.6 Install an Agent

The **Install Agent** dialog box is displayed:

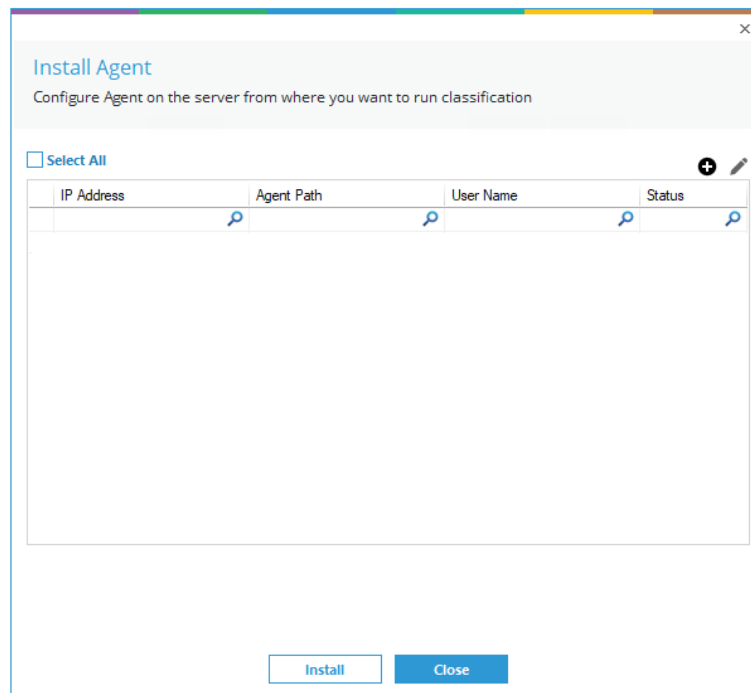



Figure 28: Install Agent Dialog Box

- Click the  icon to add a new server. The **Add Server** dialog box is displayed:

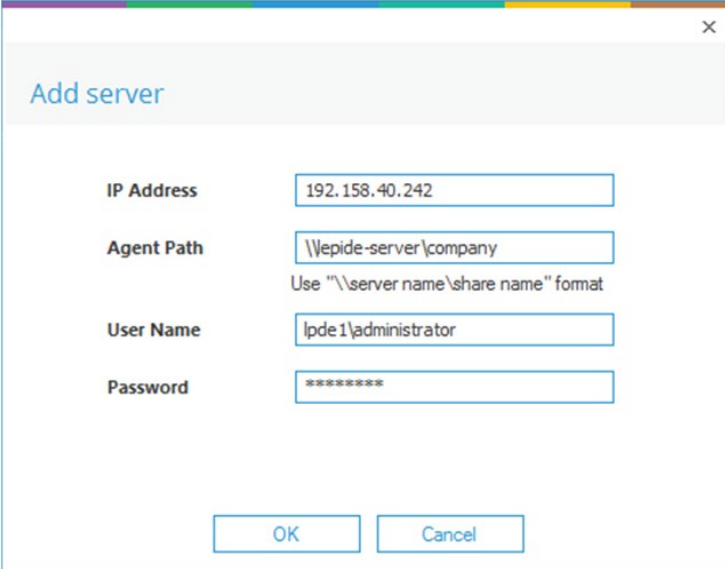
A screenshot of the 'Add server' dialog box. The dialog has a title bar with a close button (X) in the top right corner. The title 'Add server' is displayed in blue text at the top. Below the title, there are four labeled text input fields: 'IP Address' with the value '192.158.40.242', 'Agent Path' with the value '\\lepide-server\company' and a note below it saying 'Use "\server name\share name" format', 'User Name' with the value 'lpde1\administrator', and 'Password' with masked characters '*****'. At the bottom of the dialog, there are two buttons: 'OK' and 'Cancel'.

Figure 29: Add Server Dialog Box

- Enter the server information as follows:
 - **IP address:** The IP address of the server from where you want to run Classification, it can be the Lepide Data Security Platform server or the File server.
 - **Agent Path:** Create a shared folder on the Classification server. (\\server name or IP\Shared Folder) where the Agent will be installed.
 - **Username & Password:** Username with Read/Write access on the Shared folder.
- Click **OK** when finished to go back to the **Install Agent** dialog box:

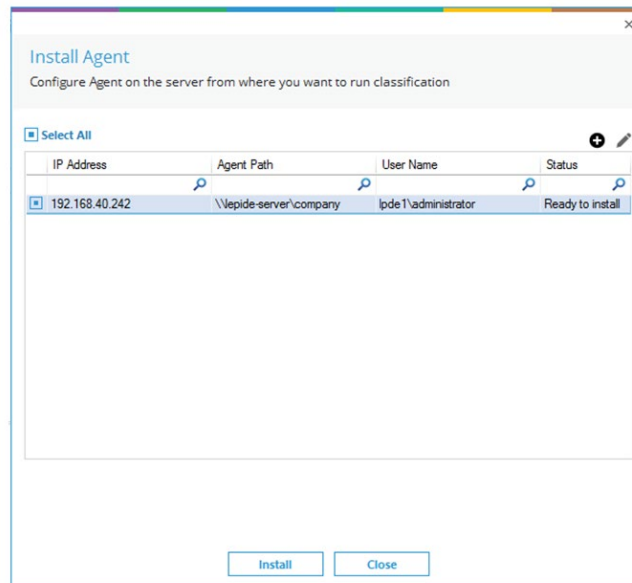


Figure 30: Install Agent Dialog Box

- Select the server and click **Install** to install the agent:

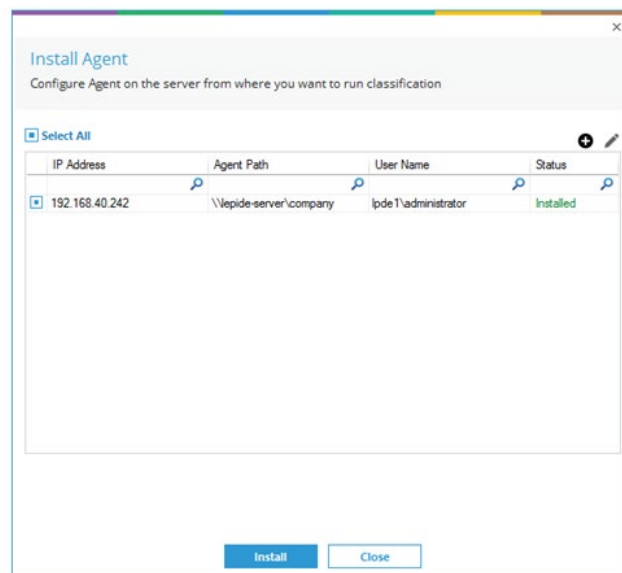



Figure 31: Agent is Successfully Installed

- Once the installation is complete, click **Close** to return to the **Classification Server** dialog box
- Click **Finish**

3.7 Uninstalling an Agent

- Click the Data Discovery & Classification icon  to go to the Data Discovery & Classification screen and select the **Agents** tab:

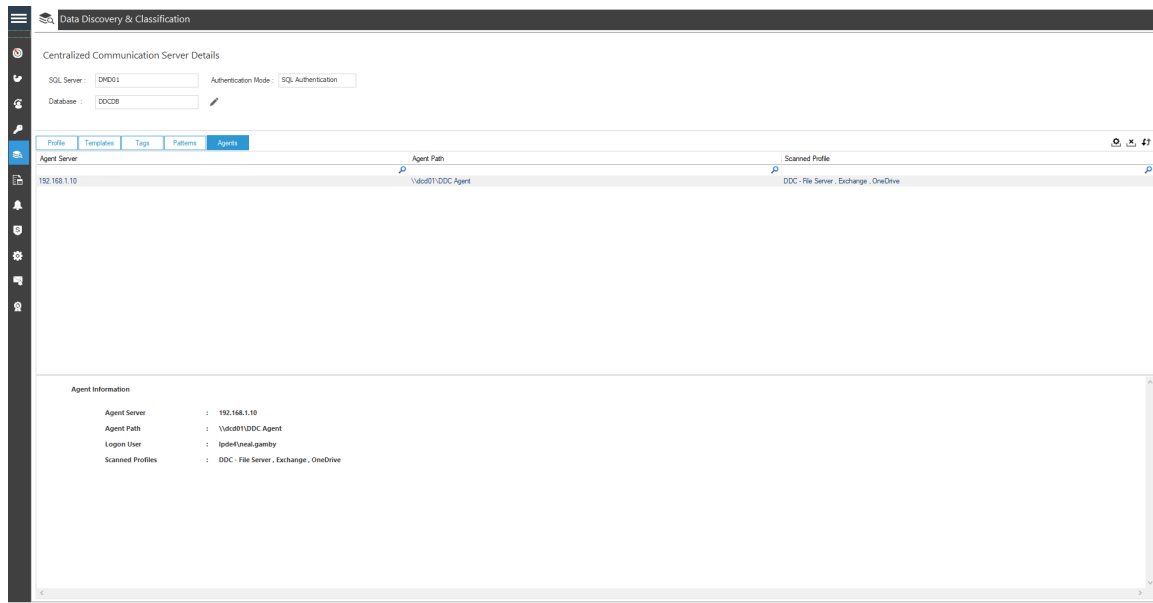



Figure 32: Data Discovery & Classification Screen

- Select the Agent you want to uninstall and click the Uninstall icon 
- The Uninstall Agent dialog box is displayed:

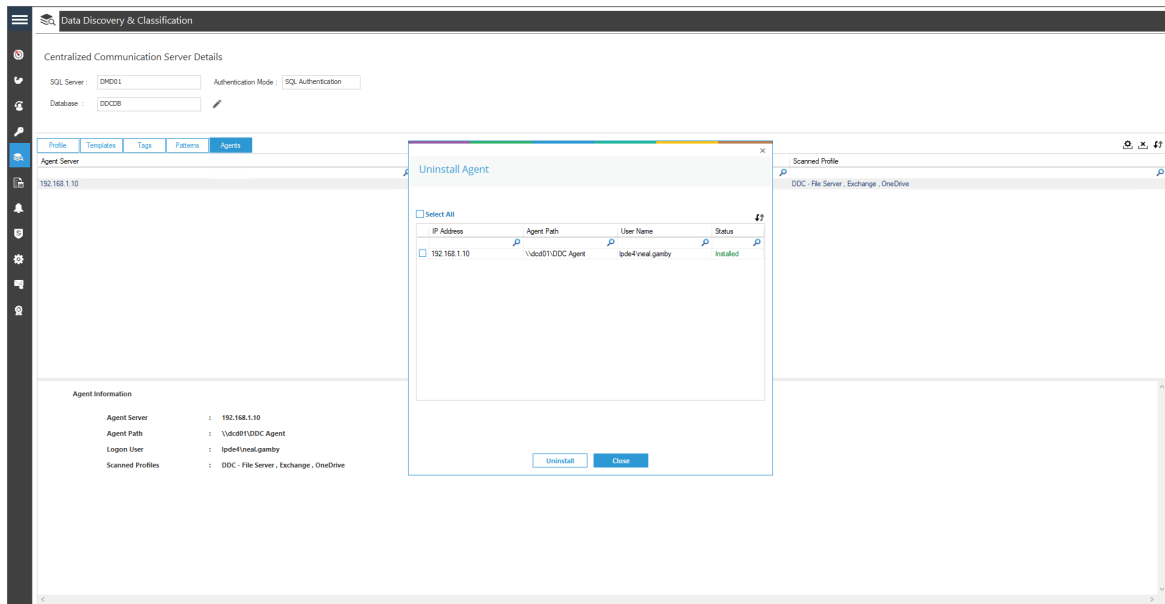


Figure 33: Uninstall Agent Dialog Box

- Choose the server to be uninstalled and click on **Uninstall**:

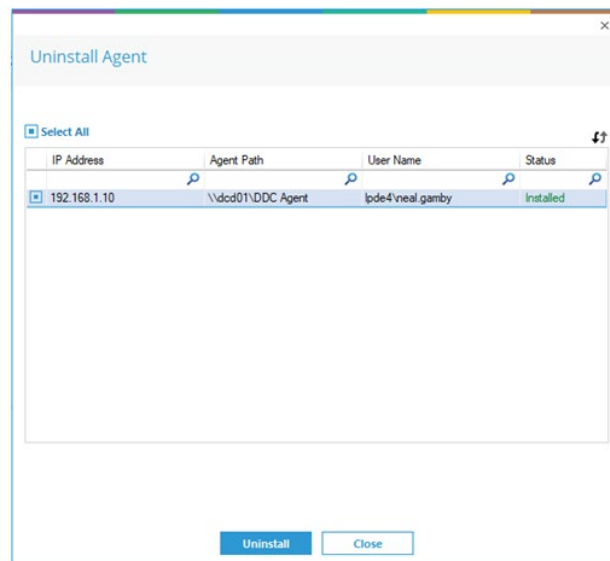


Figure 34: Uninstall Agent

- Select **Yes** to start uninstalling the Selected Server:

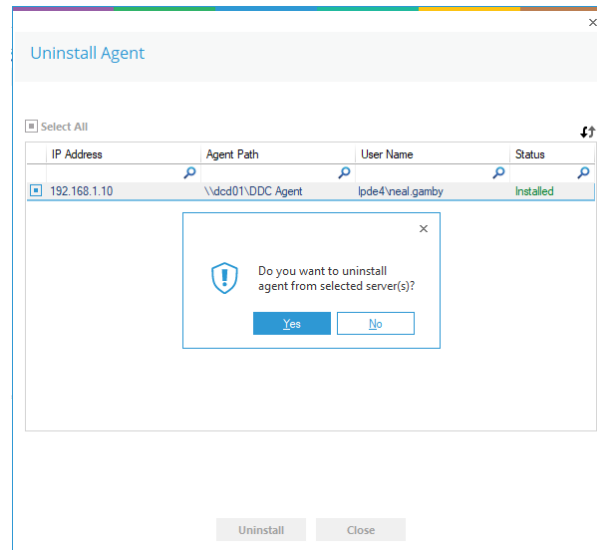


Figure 35: Confirm Uninstall of the Agent

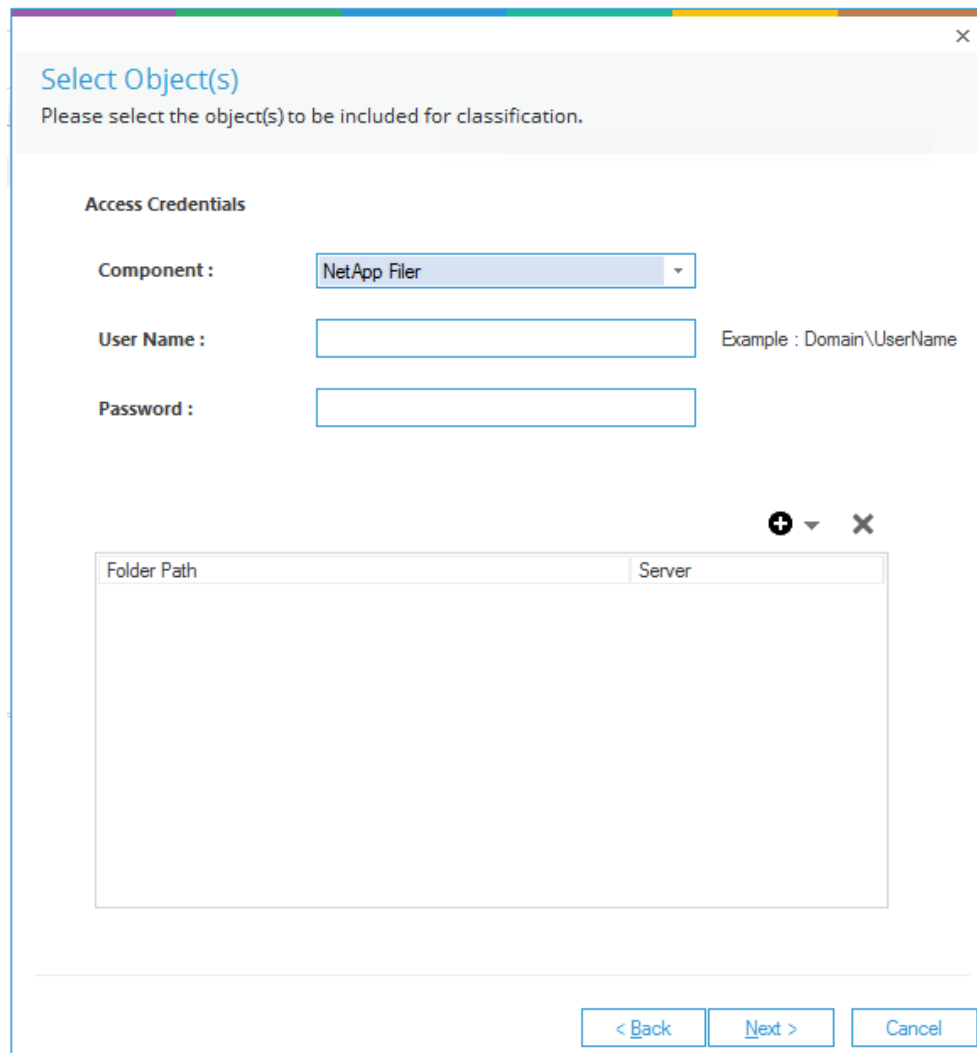
- Click **Close**

3.8 Adding a Profile for Other Components

In Section 3 we added a new Profile for Windows File Server using the Wizard.

The **Select Objects** dialog box is the only step of the Wizard that changes depending on the component selected. Therefore, in the instructions that follow, only the **Select Objects** dialog box is shown, and the other steps are as described previously in Section 3.

3.8.1 Adding a Profile for NetApp Filer



The screenshot shows a dialog box titled "Select Object(s)" with a close button (X) in the top right corner. Below the title bar, there is a subtitle "Please select the object(s) to be included for classification." The main section is titled "Access Credentials" and contains three input fields: "Component" (a dropdown menu with "NetApp Filer" selected), "User Name" (a text box with an example "Domain\UserName" to its right), and "Password" (a text box). Below these fields is a table with two columns: "Folder Path" and "Server". The table is currently empty. At the bottom of the dialog, there are three buttons: "< Back", "Next >", and "Cancel".

Figure 36: Add a NetApp Filer Component

- Choose the **NetApp Filer** Component
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document.

3.8.2 Adding a Profile for Exchange OnPremise

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component :

Server Name/IP :

User Name : Example : Domain\UserName

Password :

Mailbox Name

< Back Next > Cancel

Figure 37: Add an Exchange OnPremise Component

- Choose the **Exchange OnPremise** Component
- Add the **Server Name/IP**
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document (adding Mailbox Name rather than Folders)

3.8.3 Adding a Profile for Exchange Online

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : Exchange Online

Exchange Server : outlook.office365.com

Tenant Name : lepidesoftware.onmicrosoft.com

Client ID : 748b10d9-11f5-4424-920d-a1dfbc3c9a96 ?

Secret Key :

✓ ✓ ?

Mailbox Name

< Back Next > Cancel

Figure 38: Select Objects

- Choose the **Exchange Online** Component
- Add the **Exchange Server Name**
- Add the **Tenant Name, Client ID** and **Secret Key**
Click the ? icon for information on how to generate the Client ID and Secret Key
- Click the Enumerate Mailboxes icon ?
- A list of Mailboxes will be displayed:

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : Exchange Online

Exchange Server : outlook.office365.com

Tenant Name : lepidesoftware.onmicrosoft.com

Client ID : 748b10d9-11f5-4424-920d-a1dfbc3c9a96 ?

Secret Key :

Mailbox Name
<input checked="" type="checkbox"/> Aarushi.1.bhargava
<input checked="" type="checkbox"/> Administrator
<input checked="" type="checkbox"/> Alan
<input checked="" type="checkbox"/> Carl
<input checked="" type="checkbox"/> David
<input checked="" type="checkbox"/> Devsecurity01
<input checked="" type="checkbox"/> Edward
<input checked="" type="checkbox"/> Eas

< Back Next > Cancel

Figure 39: Select Objects with Mailboxes Enumerated

- Check the box next to the URL to select/deselect it
- To select all Mailboxes click the Select All Items icon
- To deselect all Mailboxes click the Remove Selection icon
- Click **Next** once the selections have been made

- To Add **On the fly Classification** select the check box:

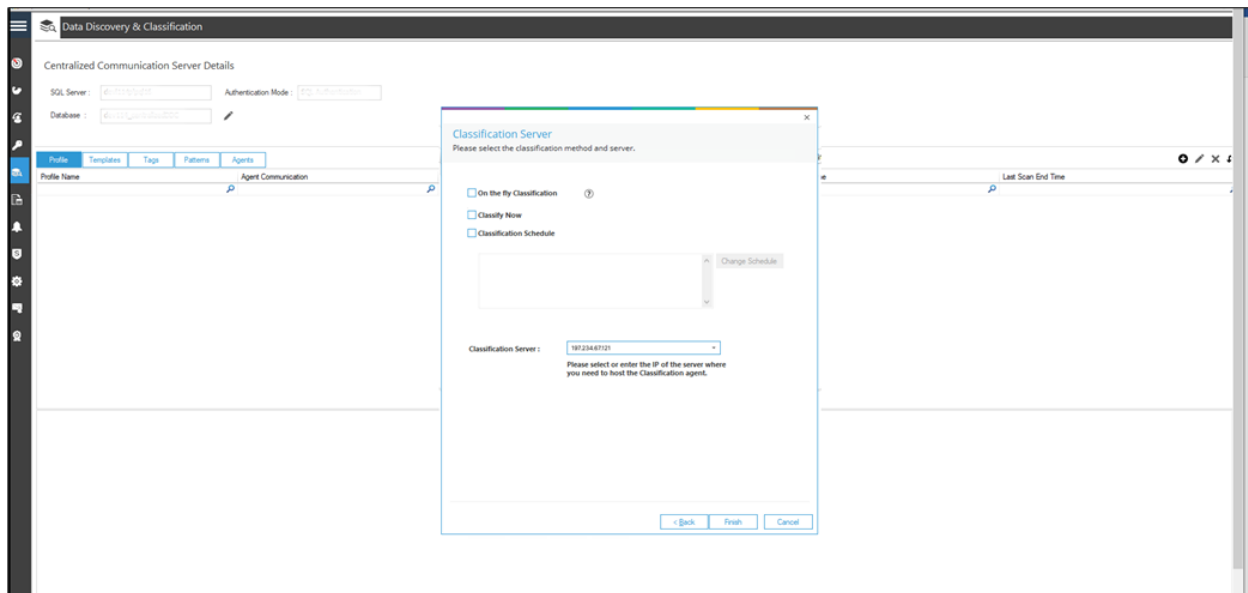


Figure 40: Selecting On the Fly Classification

- Enter the Thumbprint Value of the Tenant's Certificate in the text box:

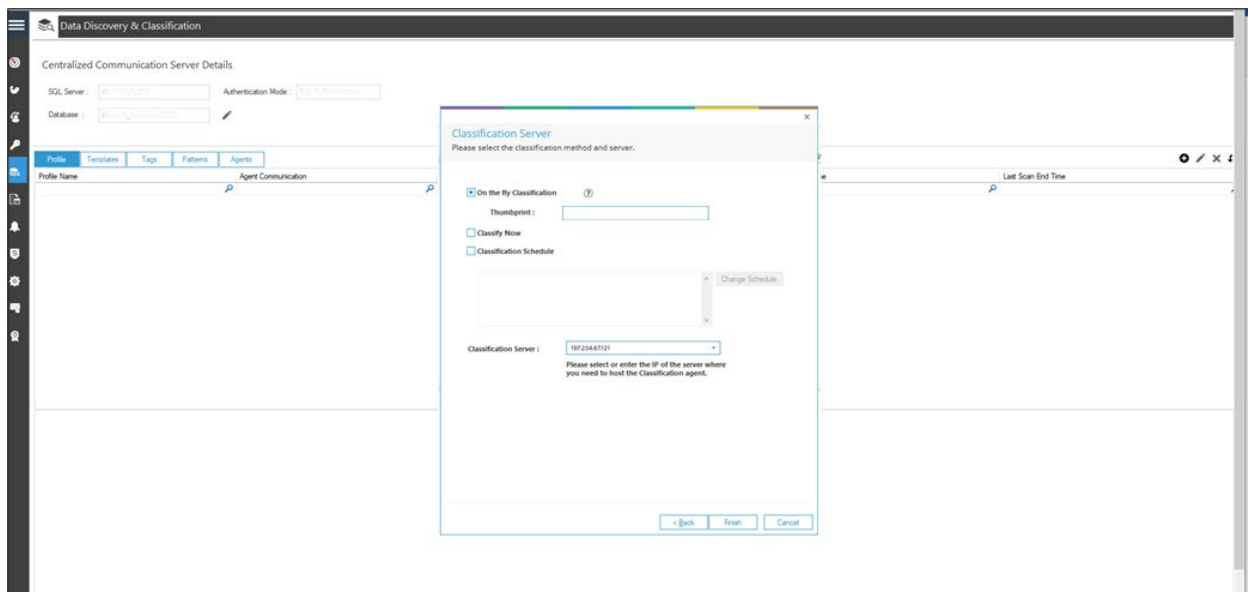


Figure 41: Add the Thumbprint Value

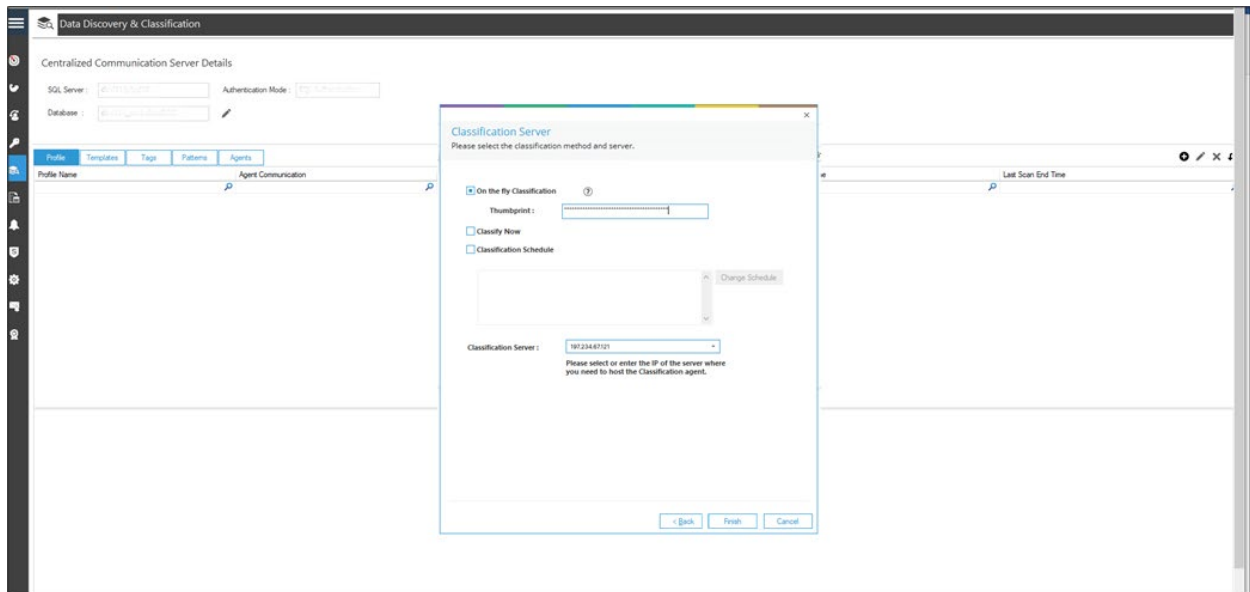


Figure 42: Thumbprint Added

- Choose **Finish**

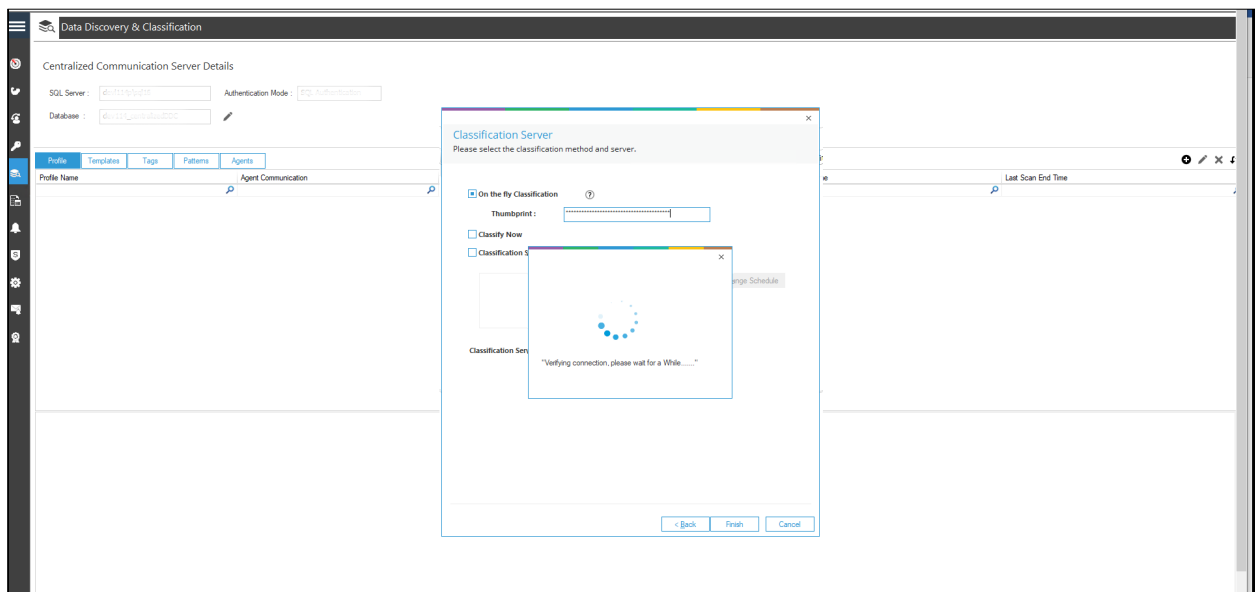


Figure 43: Credentials Validation

- The new DDC Profile will be set up

The Assign Templates dialog box is displayed

- To continue adding the Profile, follow the instructions given previously from page 15 of this document.

3.8.4 Adding a Profile for Windows Cluster

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : Windows Cluster

User Name : Example : Domain\UserName

Password :

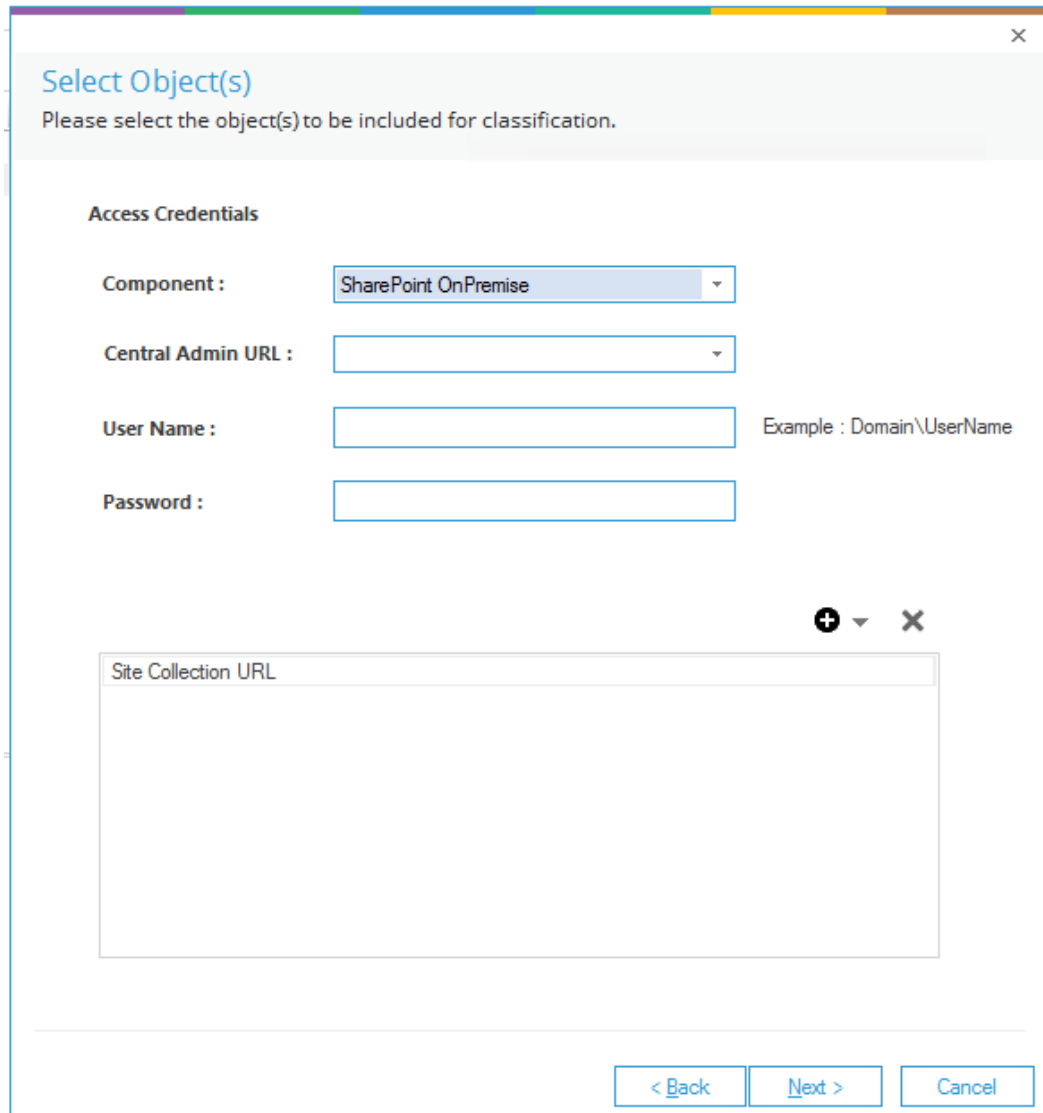
Folder Path	Server
-------------	--------

< Back Next > Cancel

Figure 44: Add a Windows Cluster Component

- Choose the **Windows Cluster** Component
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document.

3.8.5 Adding a Profile for SharePoint OnPremise



The screenshot shows a window titled "Select Object(s)" with a close button (X) in the top right corner. Below the title bar, there is a subtitle "Please select the object(s) to be included for classification." The main area is divided into two sections. The first section, "Access Credentials", contains four fields: "Component" (a dropdown menu with "SharePoint OnPremise" selected), "Central Admin URL" (a dropdown menu), "User Name" (a text box with an example "Domain\UserName" to its right), and "Password" (a text box). The second section, "Site Collection URL", is a large text box with a "+" icon and a dropdown arrow to its top right. At the bottom of the window are three buttons: "< Back", "Next >", and "Cancel".

Figure 45: Add a SharePoint OnPremise Component

- Choose the **SharePoint OnPremise** Component
- Add the **Central Admin URL**
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document (adding Site Collection URL rather than Folders)


3.8.6 Adding a Profile for SharePoint Online

The screenshot shows a window titled "Select Object(s)" with a close button (X) in the top right corner. Below the title bar, it says "Please select the object(s) to be included for classification." The main section is titled "Access Credentials" and contains four fields: "Component" (a dropdown menu showing "SharePoint Online"), "Central Admin URL" (a text box with "https://LepideS1-admin.sharepoint.com"), "Client ID" (a text box with "0a478d8e-b70d-4599-83d1-40a7882f79a6" and an "Info..." link to its right), and "Secret Key" (a text box with masked characters). Below these fields are three icons: a green checkmark, a document with a checkmark, and a globe. Under the icons is a table with one header row labeled "Site Collection URL" and several empty rows below it. At the bottom of the window are three buttons: "< Back", "Next >", and "Cancel".

Figure 46: Add a SharePoint Online Component

- Choose the **SharePoint Online** Component
- Add the **Central Admin URL**
- Add the **Client ID**
- Add the **Secret Key**

Click **Info** for information on how to generate the Client ID and Secret Key

- Click the Enumerate Site Collections icon 
- A list of Site Collection URL's will be displayed:

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component :

Central Admin URL :

Client ID : [Info...](#)

Secret Key :

☐ ☐ ☐

Site Collection URL
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/appcatalog
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/TeamSRC3816
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/NewSite01
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/TestSite5_new001
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/exceldata
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/site1.1
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/OnedriveLTDAbhishek
<input type="checkbox"/> https://lepides1.sharepoint.com/sites/02


Figure 47: Select Objects with Site Collections Enumerated

- Check the box next to the URL to select/deselect it
- To select all Site Collection URL's click the Select All Items icon
- To deselect all Site Collection URL's click the Remove Selection icon
- Click **Next** once the selections have been made

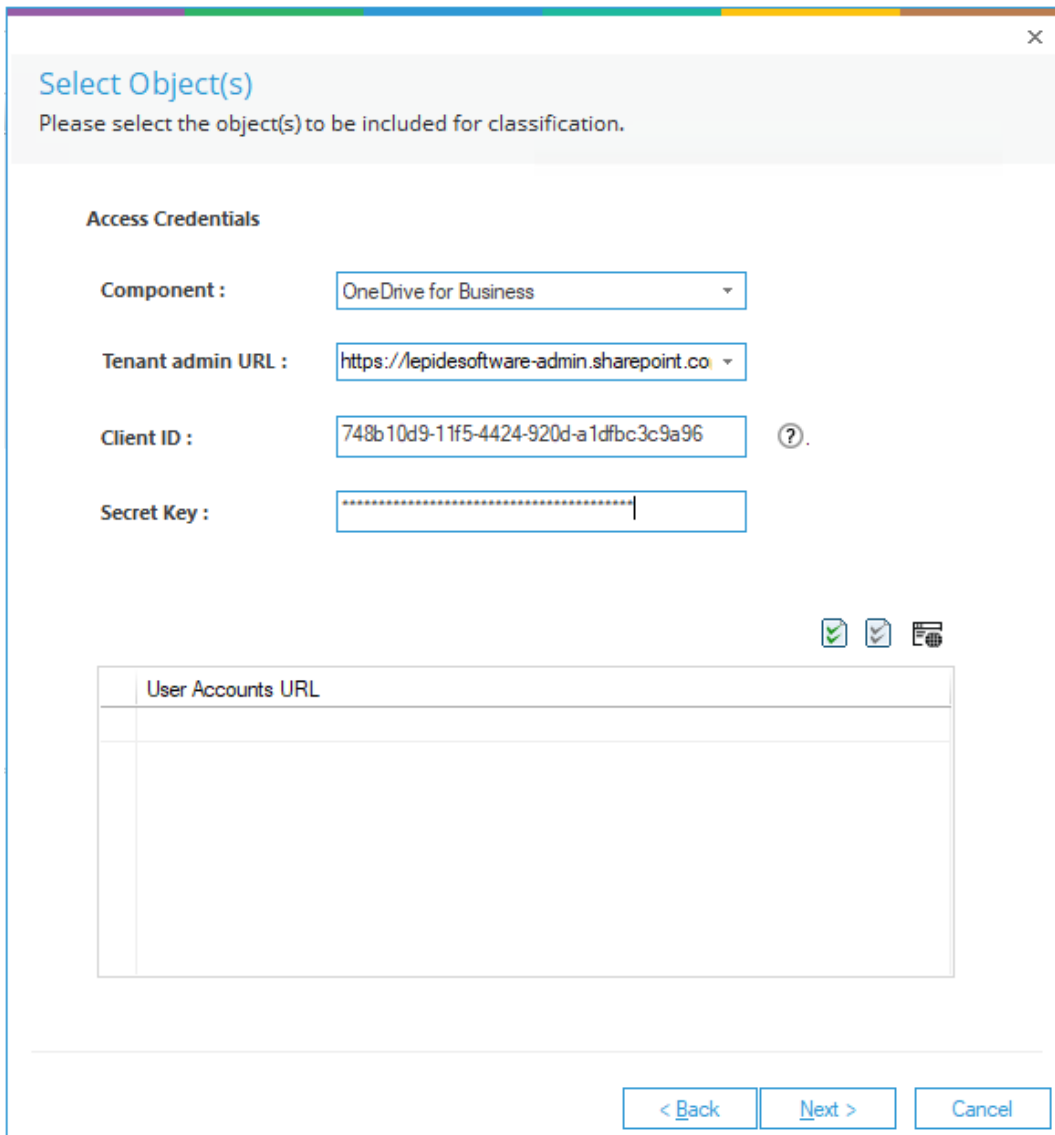
- The Assign Templates dialog box is displayed
- To continue adding the Profile, follow the instructions given previously from page 15 of this document.

3.8.7 Adding a Profile for OneDrive for Business

- Choose the **OneDrive for Business** Component
- Add the **Tenant admin URL**
- Add the **Client ID** and **Secret Key**

Click the  for information on how to generate the Client ID and Secret Key

- Click the Enumerate User Accounts icon 



Select Object(s)

Please select the object(s) to be included for classification.

Access Credentials

Component : OneDrive for Business

Tenant admin URL : https://lepidesoftware-admin.sharepoint.co

Client ID : 748b10d9-11f5-4424-920d-a1dfbc3c9a96

Secret Key :

User Accounts URL

< Back Next > Cancel

Figure 48: Select Object(s)

- A list of User Account URL's will be displayed:

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : OneDrive for Business

Tenant admin URL : https://lepidesoftware-admin.sharepoint.co

Client ID : 748b10d9-11f5-4424-920d-a1dfbc3c9a96 ?



Secret Key :

☒ ☐ ☐

User Accounts URL

- ☐ https://lepidesoftware-my.sharepoint.com/personal/james_lepidesoftware_onmicrosoft_com/
- ☐ https://lepidesoftware-my.sharepoint.com/personal/jason_lepidesoftware_onmicrosoft_com/
- ☐ https://lepidesoftware-my.sharepoint.com/personal/john_lepidesoftware_onmicrosoft_com/
- ☐ https://lepidesoftware-my.sharepoint.com/personal/saddammodemauth_lepidesoftware_on...
- ☐ https://lepidesoftware-my.sharepoint.com/personal/sandeepv_lepidesoftware_onmicrosoft...
- ☐ https://lepidesoftware-my.sharepoint.com/personal/sudesh_lepidesoftware_onmicrosoft_c...
- ☒ https://lepidesoftware-my.sharepoint.com/personal/tarun_lepidesoftware_onmicrosoft_com/

Figure 49: Select Objects with User Accounts Enumerated

- Check the box next to the URL to select/deselect it
- To select all User Account URL's click the Select All Items icon 
- To deselect all User Account URL's click the Remove Selection icon 
- Click **Next** once the selections have been made

- The Assign Templates dialog box is displayed
- To continue adding the Profile, follow the instructions given previously from page 15 of this document.

3.8.8 Adding a Profile for Dropbox

- Choose the **Dropbox** Component
- Add the **Server Name**
- Add the **Authentication**
- To continue adding the Profile, follow the [Folder Options](#) instructions given previously

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component : ?

Server Name :

Authentication :

Folder Path

< Back Next > Cancel

Figure 50: Add a Dropbox Component

3.8.9 Adding a Profile for Linux

- Choose the **Linux** Component
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document

Select Object(s)
Please select the object(s) to be included for classification.

Access Credentials

Component :

User Name : Example : Domain\UserName

Password :

Folder Path

< Back Next > Cancel

Figure 51: Add a Linux Component

3.8.10 Adding a Profile for Unix

Select Object(s)

Please select the object(s) to be included for classification.

Access Credentials

Component :

User Name : Example : Domain\UserName

Password :

Folder Path	Server
-------------	--------


< Back Next > Cancel

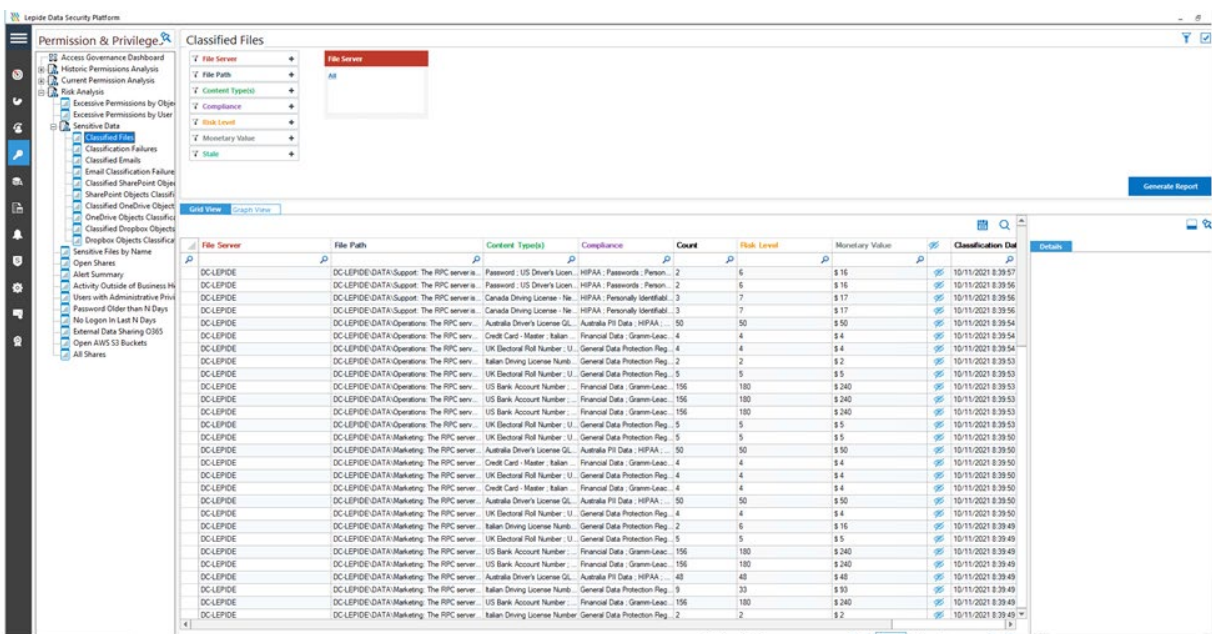
Figure 52: Add a Unix Component

- Choose the **Unix** Component
- Add the **User Name** and **Password**
- To continue adding the Profile, follow Section 3.1 Folder Options given previously in this document

4 Viewing the Classified Files Report

To see a report of classified files:

- Click the Permissions & Privileges icon 
- Expand **Risk Analysis**
- Expand **Sensitive Data**
- Click on **Classified Files**
- Click **Generate Report** to see the data




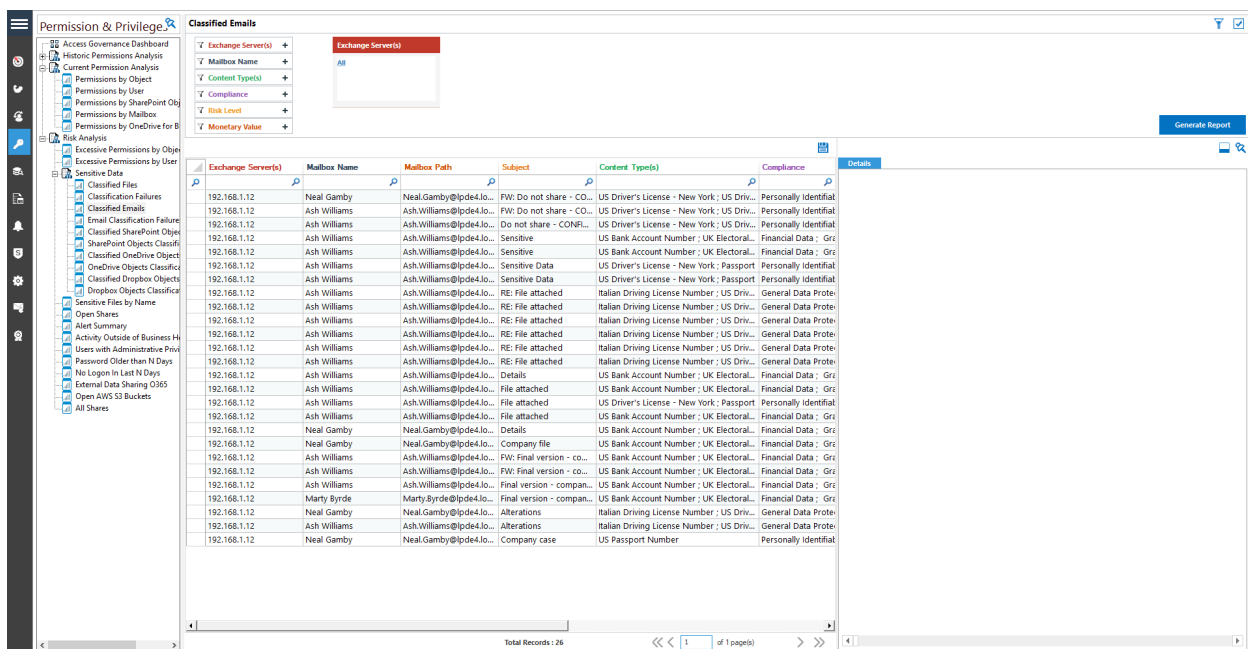
File Server	File Path	Content Type(s)	Compliance	Count	Risk Level	Monetary Value	Classification Date
DC-LEPIDE	DC-LEPIDE\DATA\Support - The RPC server...	Password - US Driver's Licen...	HIPAA - Passwords - Person...	2	6	\$ 16	10/11/2021 8:39:57
DC-LEPIDE	DC-LEPIDE\DATA\Support - The RPC server...	Password - US Driver's Licen...	HIPAA - Passwords - Person...	2	6	\$ 16	10/11/2021 8:39:56
DC-LEPIDE	DC-LEPIDE\DATA\Support - The RPC server...	Canada Driving License - Ne...	HIPAA - Personally Identifi...	3	7	\$ 17	10/11/2021 8:39:56
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	Canada Driving License - Ne...	HIPAA - Personally Identifi...	3	7	\$ 17	10/11/2021 8:39:56
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	Australia Driver's License GL...	Australia PI Data - HIPAA...	50	50	\$ 50	10/11/2021 8:39:54
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	Credit Card - Master - Italian	Financial Data - Gramm-Leac...	4	4	\$ 4	10/11/2021 8:39:54
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	4	4	\$ 4	10/11/2021 8:39:54
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	Italian Driving License Numb...	General Data Protection Reg...	2	2	\$ 2	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	5	5	\$ 5	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Operations - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	5	5	\$ 5	10/11/2021 8:39:53
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	5	5	\$ 5	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Australia Driver's License GL...	Australia PI Data - HIPAA...	50	50	\$ 50	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Credit Card - Master - Italian	Financial Data - Gramm-Leac...	4	4	\$ 4	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	4	4	\$ 4	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Credit Card - Master - Italian	Financial Data - Gramm-Leac...	4	4	\$ 4	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Australia Driver's License GL...	Australia PI Data - HIPAA...	50	50	\$ 50	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	4	4	\$ 4	10/11/2021 8:39:50
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Italian Driving License Numb...	General Data Protection Reg...	2	2	\$ 2	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	UK Electoral Roll Number - U...	General Data Protection Reg...	5	5	\$ 5	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Australia Driver's License GL...	Australia PI Data - HIPAA...	48	48	\$ 48	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Italian Driving License Numb...	General Data Protection Reg...	9	9	\$ 9	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	US Bank Account Number	Financial Data - Gramm-Leac...	156	156	\$ 240	10/11/2021 8:39:49
DC-LEPIDE	DC-LEPIDE\DATA\Marketing - The RPC serv...	Italian Driving License Numb...	General Data Protection Reg...	2	2	\$ 2	10/11/2021 8:39:49

Figure 53: Classified Files Report

5 Viewing the Classified Emails Report

To see a report of classified emails:

- Click the Permissions & Privileges icon 
- Expand **Risk Analysis**
- Expand **Sensitive Data**
- Click on **Classified Emails**
- Click **Generate Report** to see the data



Exchange Server(s)	Mailbox Name	Mailbox Path	Subject	Content Type(s)	Compliance	Details
192.168.1.12	Neal Gamby	Neal.Gamby@pde4.io...	FW: Do not share - CO...	US Driver's License - New York ; US Driv...	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	FW: Do not share - CO...	US Driver's License - New York ; US Driv...	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Do not share - CONFL...	US Driver's License - New York ; US Driv...	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Sensitive	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Sensitive	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Sensitive Data	US Driver's License - New York ; Passport	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Sensitive Data	US Driver's License - New York ; Passport	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	RE: File attached	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	RE: File attached	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	RE: File attached	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	RE: File attached	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	RE: File attached	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Details	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	File attached	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	File attached	US Driver's License - New York ; Passport	Personally Identifiat	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	File attached	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Neal Gamby	Neal.Gamby@pde4.io...	Details	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Neal Gamby	Neal.Gamby@pde4.io...	Company file	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	FW: Final version - co...	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	FW: Final version - co...	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Final version - compan...	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Marty Byrde	Marty.Byrde@pde4.io...	Final version - compan...	US Bank Account Number ; UK Electoral...	Financial Data ; Gri	
192.168.1.12	Neal Gamby	Neal.Gamby@pde4.io...	Alterations	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Ash Williams	Ash.Williams@pde4.io...	Alterations	Italian Driving License Number ; US Driv...	General Data Prote	
192.168.1.12	Neal Gamby	Neal.Gamby@pde4.io...	Company case	US Passport Number	Personally Identifiat	

Figure 54: Classified Emails Report

6 Support

If you face any issues whilst installing, configuring, or using the solution, you can connect with our team using the contact information below.

Product experts

USA/Canada: +1(0)-800-814-0578

UK/Europe: +44 (0) -208-099-5403

Rest of the World: +91 (0) -991-004-9028

Technical gurus

USA/Canada: +1(0)-800-814-0578

UK/Europe: +44 (0) -208-099-5403

Rest of the World: +91(0)-991-085-4291

Alternatively, visit <https://www.lepide.com/contactus.html> to chat live with our team. You can also email your queries to the following addresses:

sales@Lepide.com, support@Lepide.com

To read more about the solution, visit <https://www.lepide.com/data-security-platform/>.

7 Trademarks

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