

Lepide Data Security Platform

Data Discovery and
Classification

Table of Contents

1. Introduction.....	2
2. Purpose of this Document.....	2
3. Features of Data Discovery and Classification	2
4. How to Configure Data Discovery and Classification.....	3
5. Viewing the Report.....	14
6. Support.....	14
7. Trademarks	15

1. Introduction

Welcome to the Data Discovery and Classification document of Lepide Data Security Platform.

Ensure you know where your most sensitive data resides in your file server and the level of risk it poses to your organization. Analyze why the data is sensitive and classify it accordingly.

2. Purpose of this Document

The purpose of this document is to familiarize you with the configuration of Data Discovery and Classification in Lepide Data Security Platform and to give you a glimpse of how the Data Discovery and Classification can help you in solving few of the business problems.

3. Features of Data Discovery and Classification

These are the various features of Data Discovery and Classification which would be very useful to the organizations:

Discover, Classify and Tag Sensitive Data

Ensure you know where your most sensitive data resides in your file server and the level of risk it poses to your organization. Analyze why the data is sensitive and classify it accordingly.

Instant Insight into Your Sensitive Data

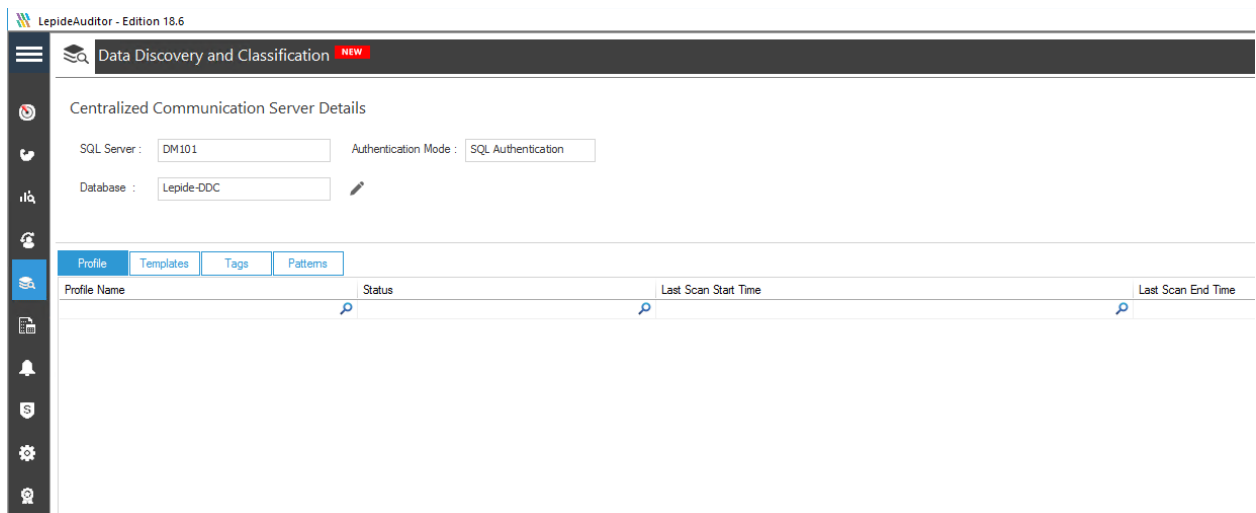
Scan your content for PII, credit card numbers, dates of birth and more based on a pre-defined set of conditions. Classify your data and automate both tagging and scoring to help you detect your most sensitive data fast.



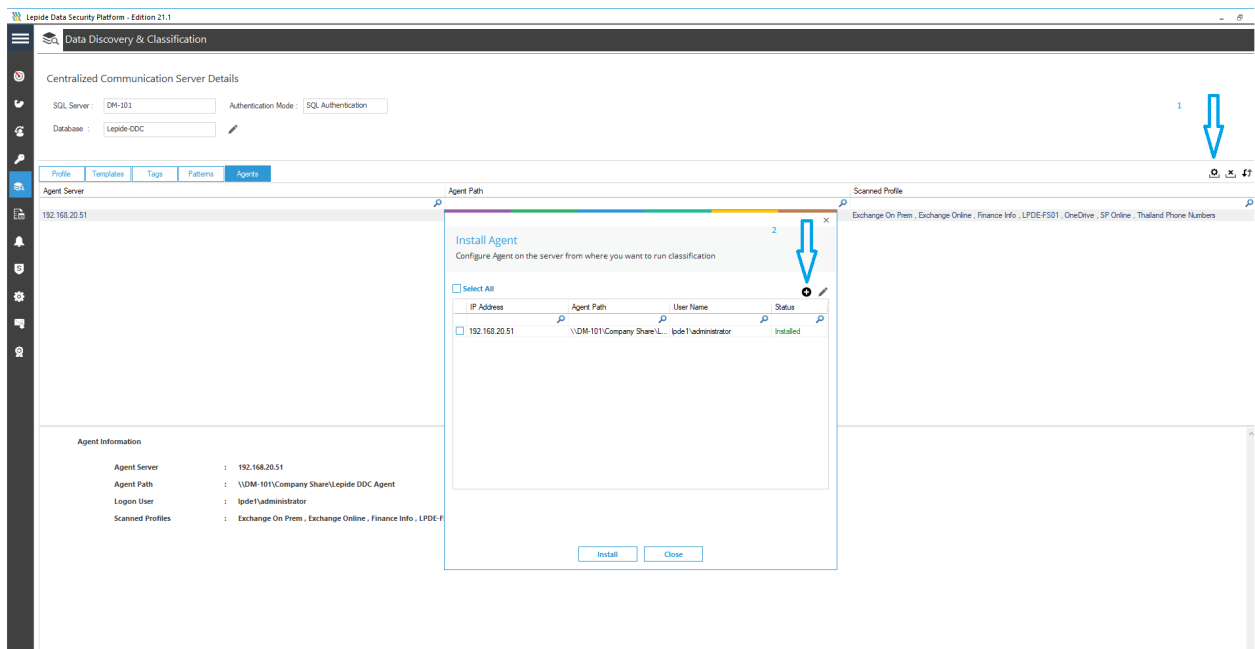
4. How to Configure Data Discovery and Classification

To Configure Data Discovery and Classification please follow the below steps:

1. Go to DDC tab and add the Centralized Communication Server Details. This SQL server will contain the file classification data and will be queried by the DDC agent.



2. The next step is to install the DDC Agent. This agent can either be installed on the same Lepide Server inside a share or on any remote server for load distribution.



- In the Add Server window, please key in the IP address of the machine where the agent is to be installed. Please create a shared folder on that machine and give full control to the Lepide Service account or any account which you would like to use here and click OK.

Add server

IP Address 192.168.20.50

Agent Path \\192.168.20.50\IT Admins
Use "\\server name\share name" format

User Name ldpe1\administrator

Password *****

OK Cancel

- Check the box for that IP and click on Install.

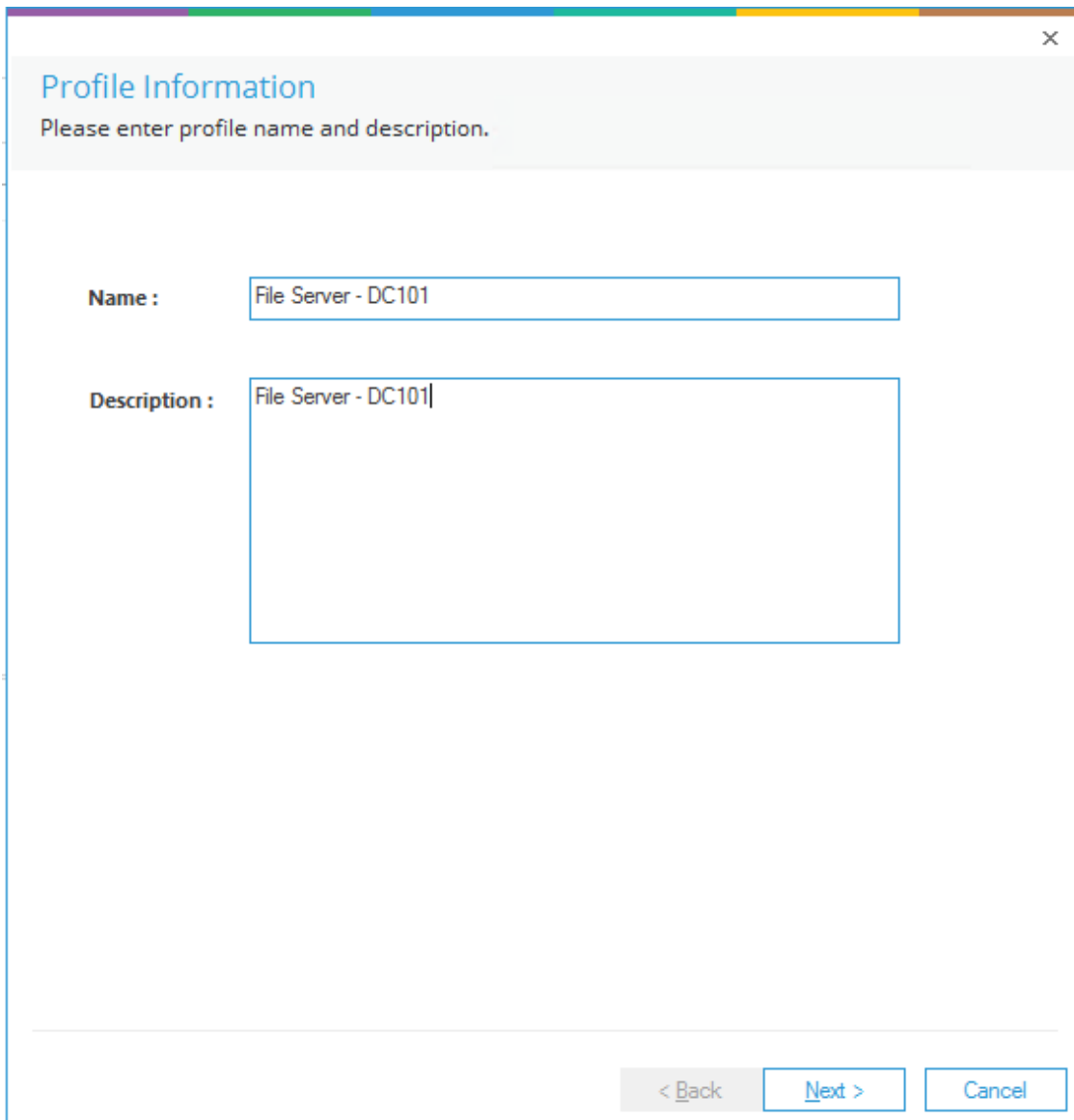
Install Agent
Configure Agent on the server from where you want to run classification

Select All

IP Address	Agent Path	User Name	Status
192.168.20.51	\\DM-101\Company Share\L...	ldpe1\administrator	Installed
<input checked="" type="checkbox"/> 192.168.20.50	\\192.168.20.50\IT Admins	ldpe1\administrator	Ready to install

Install Close

5. Create a Profile to specify the Classification Templates containing the tags and patterns at the lower levels:



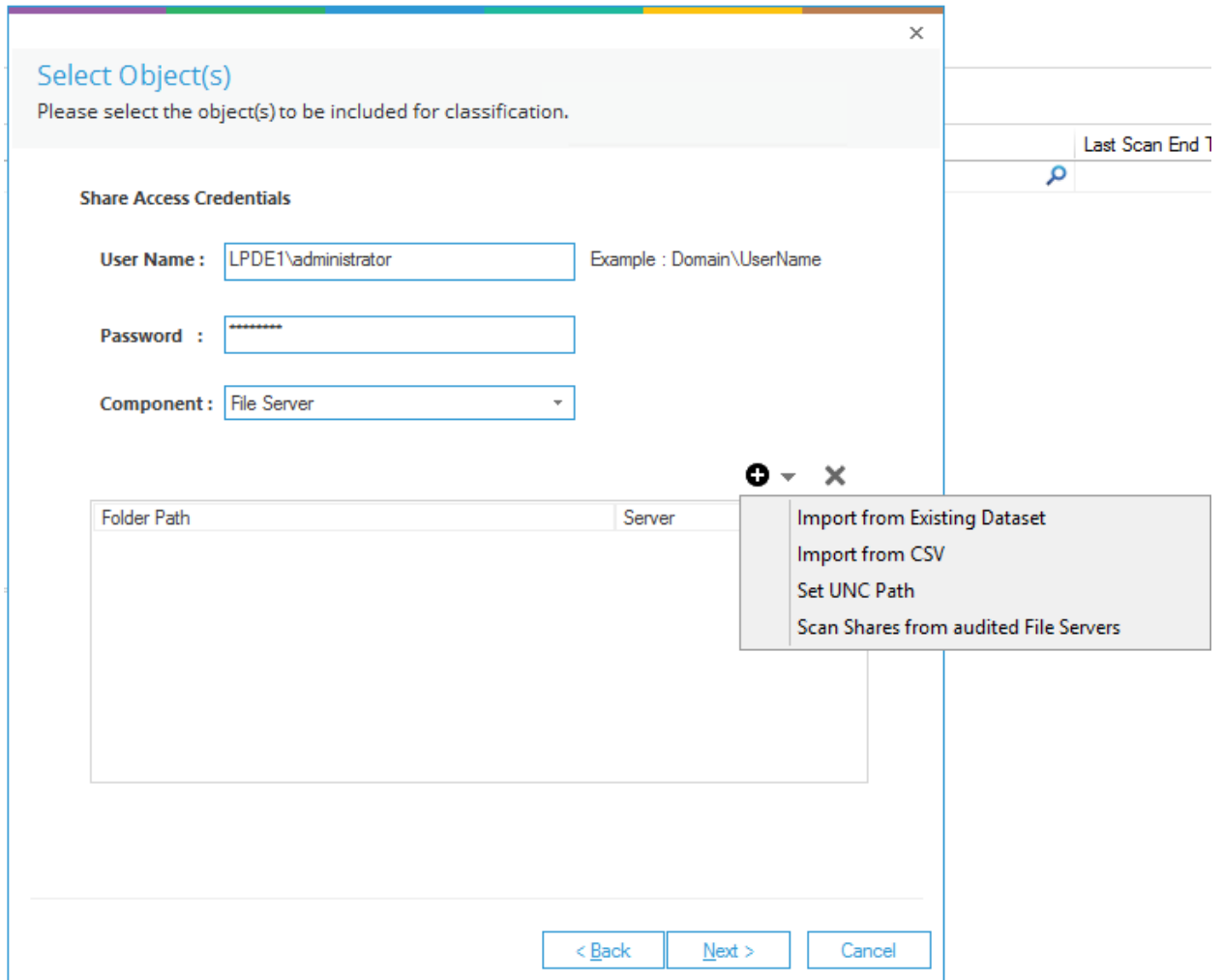
Profile Information
Please enter profile name and description.

Name : File Server - DC101

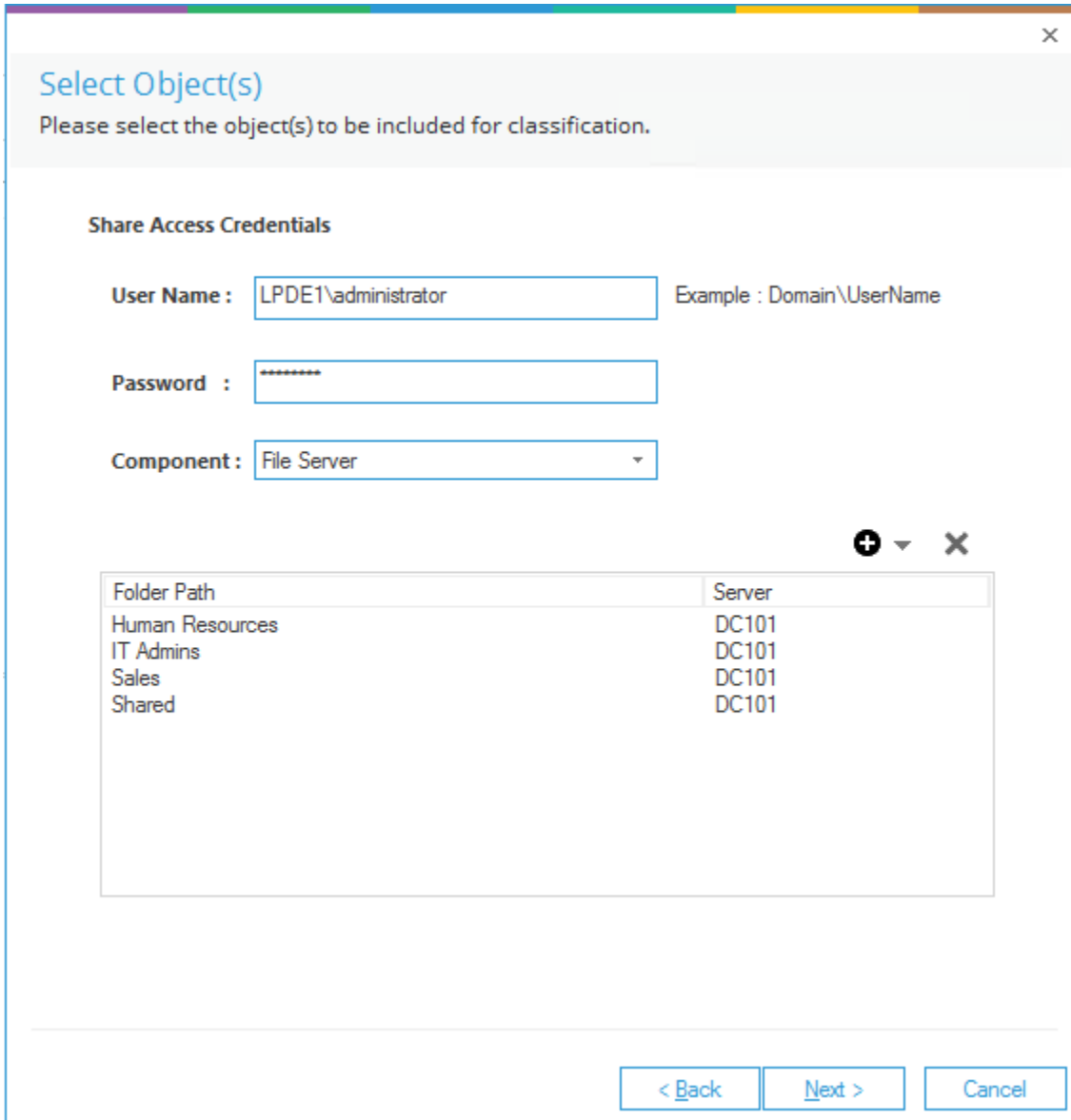
Description : File Server - DC101

< Back Next > Cancel

6. On the next screen, please enter the credentials to access the shared folders. Domain admin is the preferred choice here. Now add the shared folders to be scanned for the data classification from the 4 available options:



7. Once the Folders are selected, they will appear in the box below as:



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

Share Access Credentials

User Name : Example : Domain\UserName

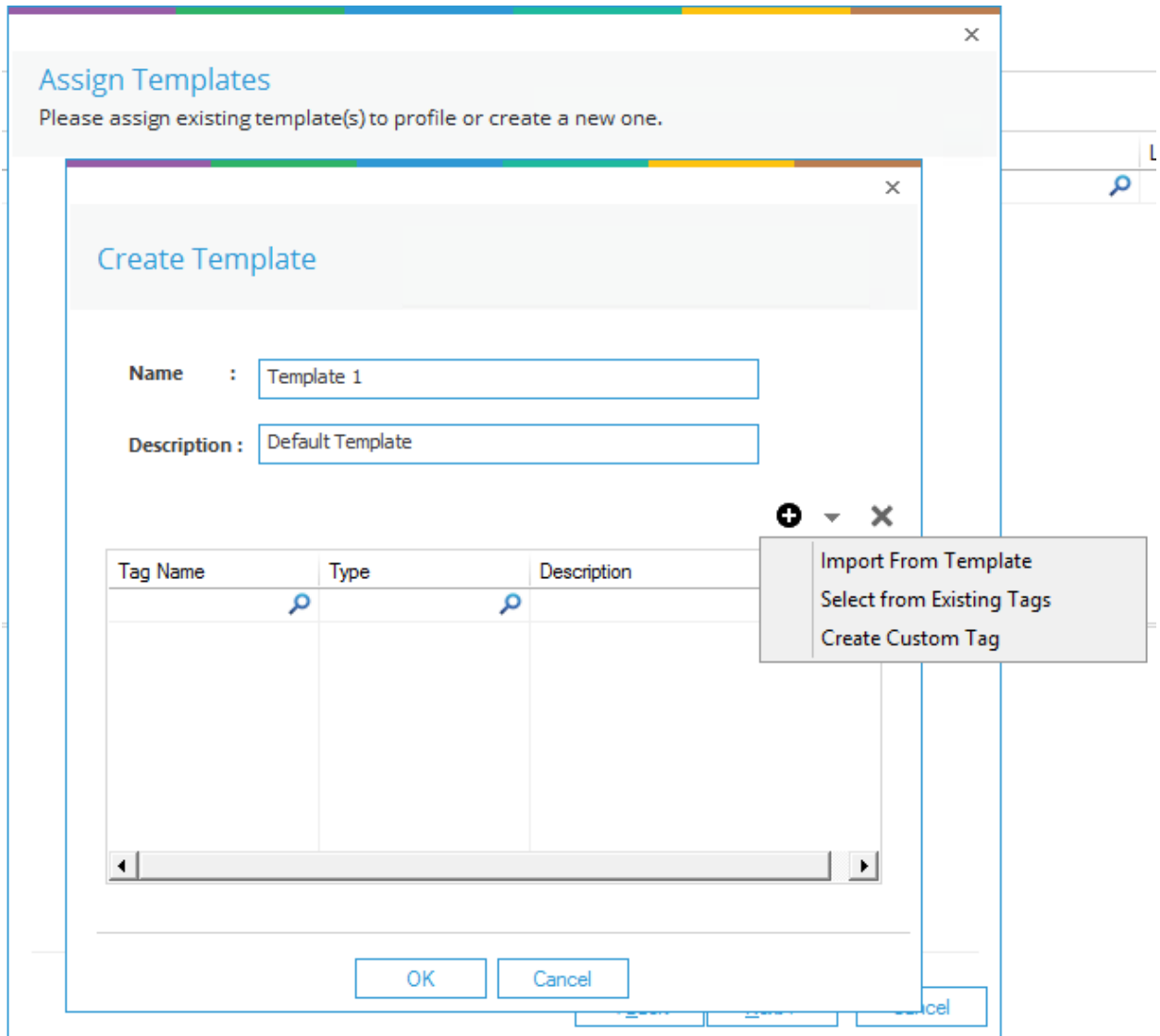
Password :

Component :

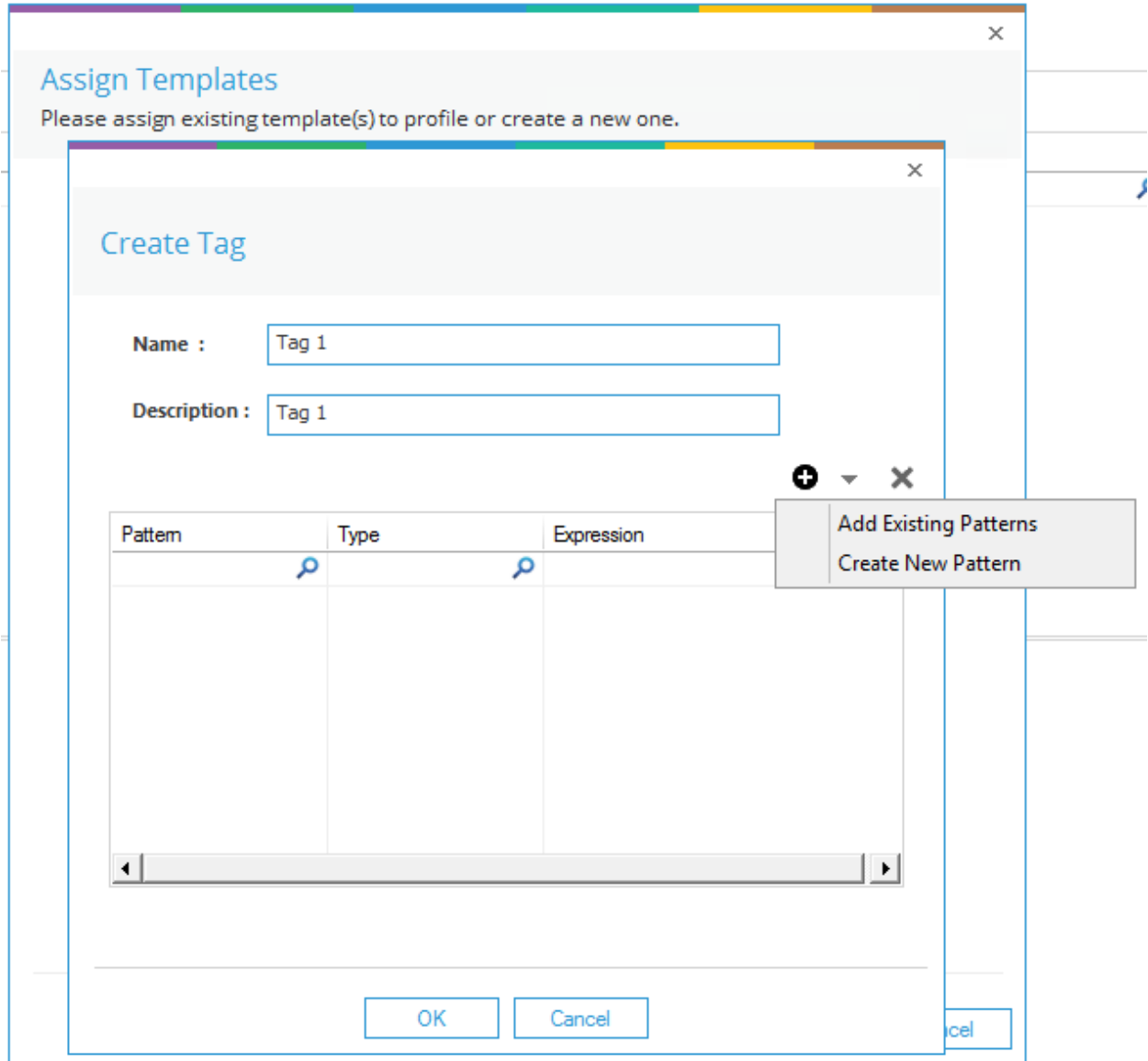
Folder Path	Server
Human Resources	DC101
IT Admins	DC101
Sales	DC101
Shared	DC101

< Back Next > Cancel

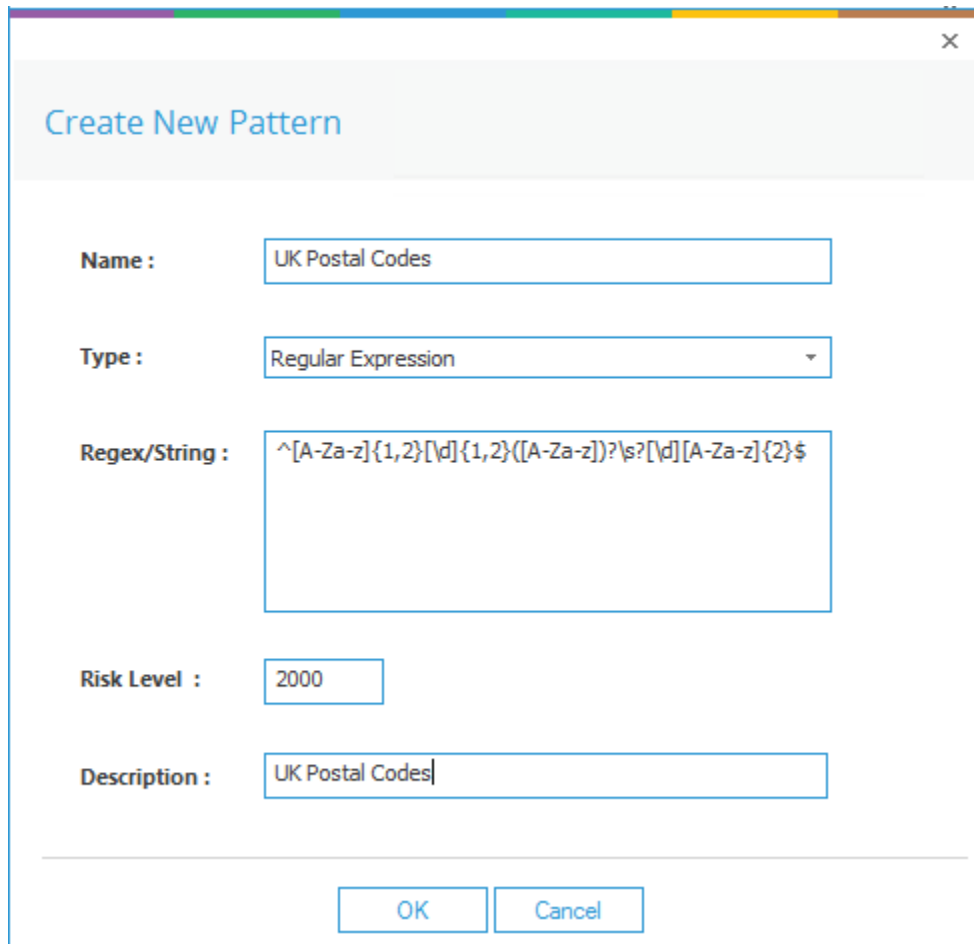
- Now assign a template to the Profile which you have selected. Template is basically a collection of Tags which in turn is a collection of Patterns (Strings or Regular Expressions).



9. You can either import the information from a previous template or import the existing tags or can create your new custom tag. The first-time users will have to create a custom tag.



10. The next step is to create the patterns within the tags. 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 for the first-time use.



Create New Pattern

Name : UK Postal Codes

Type : Regular Expression

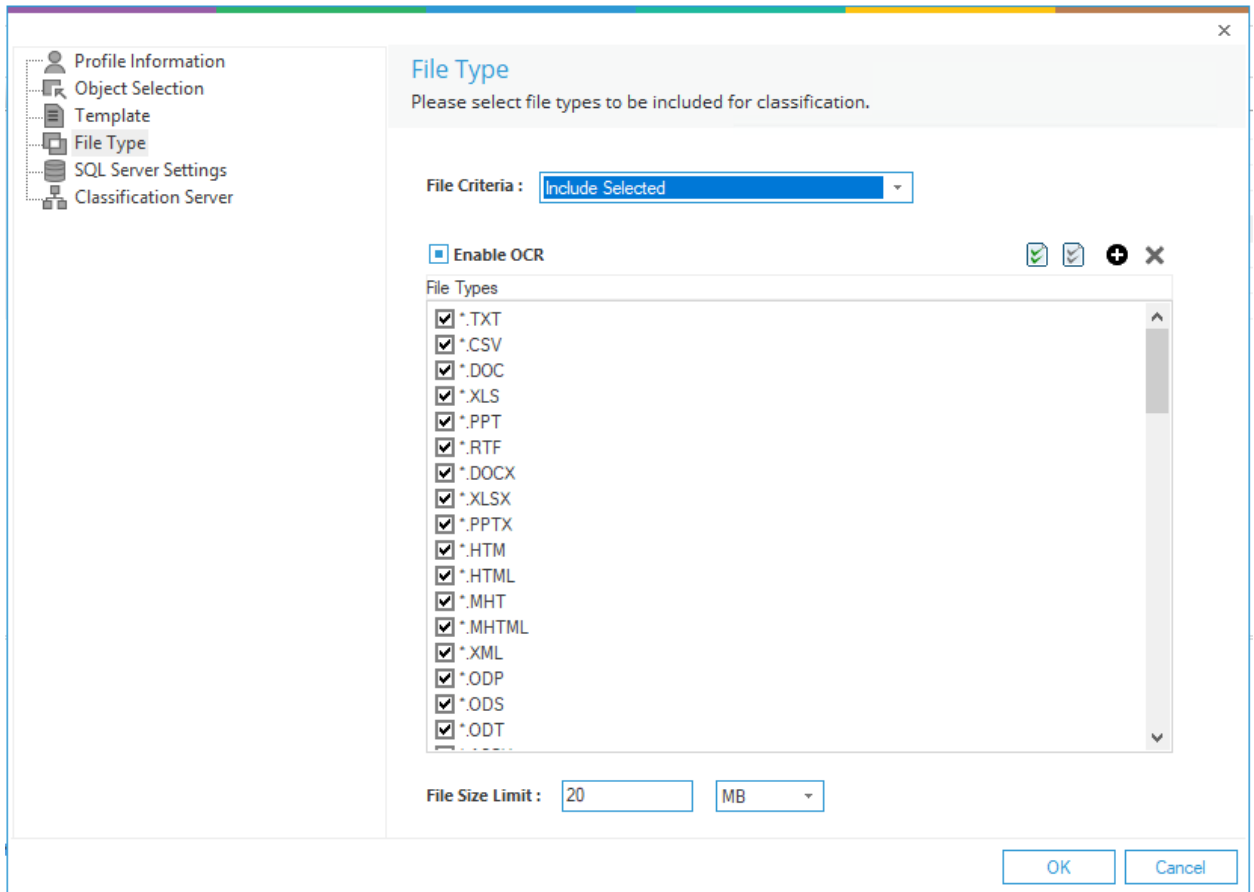
Regex/String : `^[A-Za-z]{1,2}[\d]{1,2}([A-Za-z])?\s?[\d][A-Za-z]{2}$`

Risk Level : 2000

Description : UK Postal Codes

OK Cancel

11. Select the file types which you want to scan for the Data Classification. By Default, it is set to All. You can also select the Enable OCR option if you want to classify the image files, such as JPEG, PNG, etc.



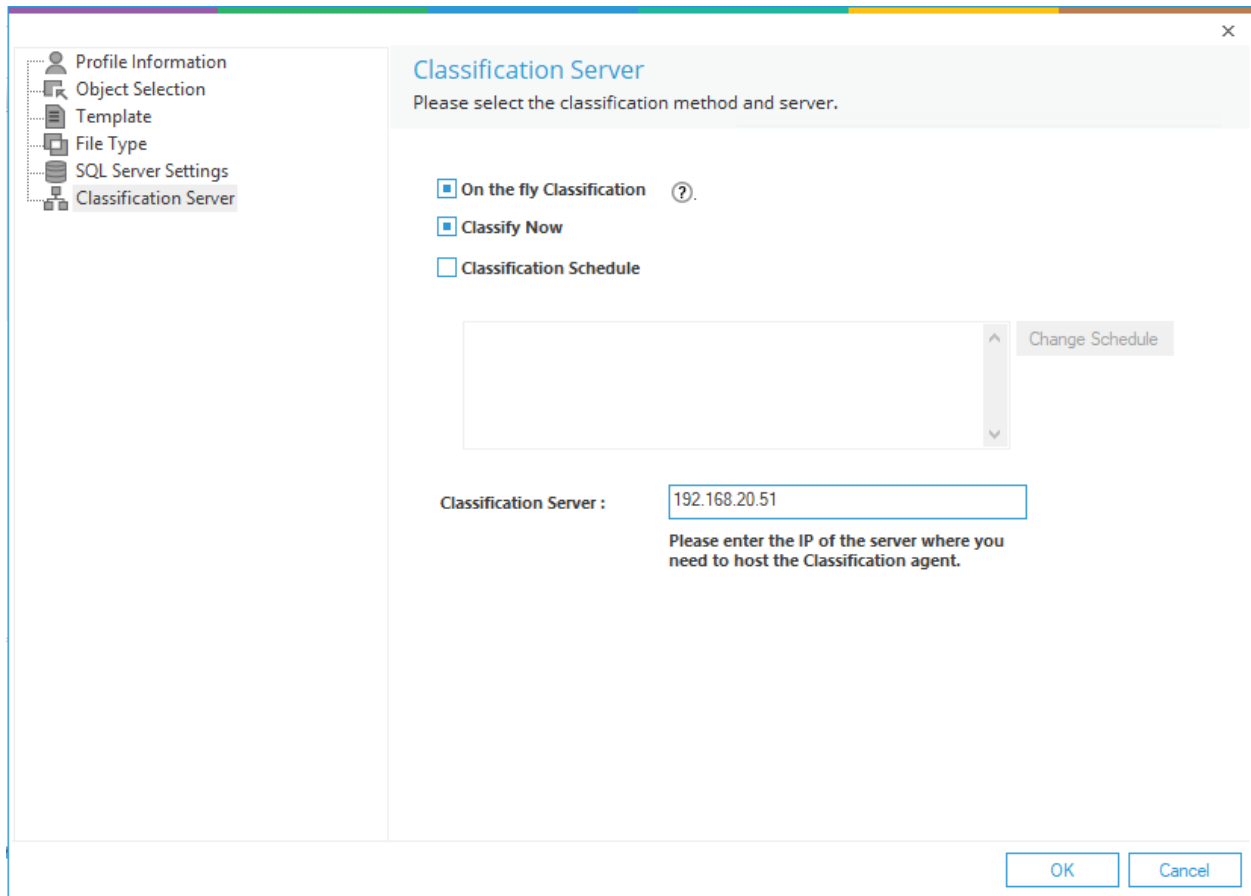
12. On this page for SQL Server Settings, the profiles can have a separate SQL server or database as well. If you want to use the same SQL Server and DB as provided in step 1, you can fill in the same details. If not, please provide a different SQL server here.

The screenshot shows a dialog box titled "SQL Server Settings" with the instruction "Please Enter Sql Information." The left sidebar contains a tree view with the following items: Profile Information, Object Selection, Template, File Type, SQL Server Settings (highlighted), and Classification Server. The main area is titled "Configure SQL Server" and contains the following fields and controls:

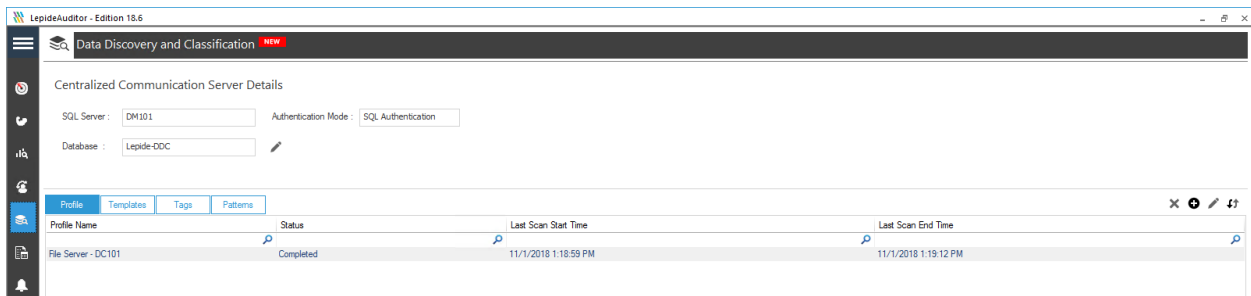
- SQL Server :
- Authentication
 - Windows Authentication
 - SQL Authentication
- User Name :
- Password :
-
- Select Database :

At the bottom right, there are and buttons.

13. Set the classification schedule and specify the Classification Server. You can both choose to run the classification now and set your own schedule for that. Also, you will need to specify the Classification Server (machine where the classification agent will run). This can be either the Lepide Console, or the Local File Server or any remote file server. Click on Finish once the information is filled.



14. Now let the scan run. You can view the progress from the following page:



5. Viewing the Report

To view the report, go to the Permission & Privileges section of the solution and open Sensitive data report under the Risk Analysis:

File Server	File Path	Content Type(s)	Compliance	Count
DC101	C:\Human Resources\Money1.txt	Finance Info	Finance Info	1
DC101	C:\Shared\Admin\Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Admin\PAN.txt	PAN India	ISO	1
DC101	C:\Shared>Data from Development\Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Data from Development\IPAN.txt	PAN India	ISO	1
DC101	C:\Shared>Data from Development\Post codes.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	4
DC101	C:\Shared\Dev\FSA\Address Details - Copy.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Dev\FSA\Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Dev\FSA\Customer Data.txt	Australian Bank Account Number : Tax File Number (TFN) : Australia Driver	Australia Financial Data : Australia PII Dat.	13
DC101	C:\Shared\Directors\Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Directors\New Release 2018.rtf	ISO	ISO	1
DC101	C:\Shared\Directors\IPAN.txt	PAN India	ISO	1
DC101	C:\Shared\Employees\Quota-Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Employees\Quota\IPAN.txt	PAN India	ISO	1
DC101	C:\Shared\Finance\Address Details.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5
DC101	C:\Shared\Finance\Customer Data.txt	Australian Bank Account Number : Tax File Number (TFN) : Australia Driver	Australia Financial Data : Australia PII Dat.	11
DC101	C:\Shared\Finance\Employer details.txt	PAN India	ISO	1
DC101	C:\Shared\Finance\Employer Workspace.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\Finance\Marketing Communication.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\Finance\New Release 2018.rtf	PAN India	ISO	1
DC101	C:\Shared\Finance\IPAN.txt	PAN India	ISO	1
DC101	C:\Shared\Finance\Payroll.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\Finance\Presentation Jan 2018.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\Finance\Safety Details.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\HR\Address Details.xlsx	US Bank Account Number : Aadhar Card : UK Domestic Landline Number	Gramm-Leach-Bliley Act (GLBA) : US Fina.	27
DC101	C:\Shared\HR\Address Policy.txt	UK Electoral Roll Number : UK Postal Code	UK Data Protection Act	5

6. Support

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

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 <http://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 <http://www.lepide.com/data-security-platform/>.

7. Trademarks

Lepide Data Security Platform, Lepide Data Security Platform App, Lepide Data Security Platform App Server, Lepide Data Security Platform (Web Console), Lepide Data Security Platform Logon/Logoff Audit Module, Lepide Data Security Platform for Active Directory, Lepide Data Security Platform for Group Policy Object, Lepide Data Security Platform for Exchange Server, Lepide Data Security Platform for SQL Server, Lepide Data Security Platform SharePoint, Lepide Object Restore Wizard, Lepide Active Directory Cleaner, Lepide User Password Expiration Reminder, and LiveFeed are registered trademarks of Lepide Software Pvt Ltd.

All other brand names, product names, logos, registered marks, service marks and trademarks (except above of Lepide Software Pvt. Ltd.) appearing in this document are the sole property of their respective owners. These are purely used for informational purposes only.

Microsoft®, Active Directory®, Group Policy Object®, Exchange Server®, Exchange Online®, SharePoint®, and SQL Server® are either registered trademarks or trademarks of Microsoft Corporation in the United States and/or other countries.

NetApp® is a trademark of NetApp, Inc., registered in the U.S. and/or other countries.

