LepideAuditor

Data Discovery and Classification

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1. Introduction

Welcome to the Data Discovery and Classification document of LepideAuditor.

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.

The purpose of this document is to familiarize you with the configuration of Data Discovery and Classification in LepideAuditor and to give you a glimpse of how the Data Discovery and Classification can help you solve critical business problems.

2. Features of Data Discovery and Classification

2.1. 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.

2.2. 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. Create rules to classify data based on an initial discovery process and then automatically at the point of creation for near real-time classification.

3. 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.

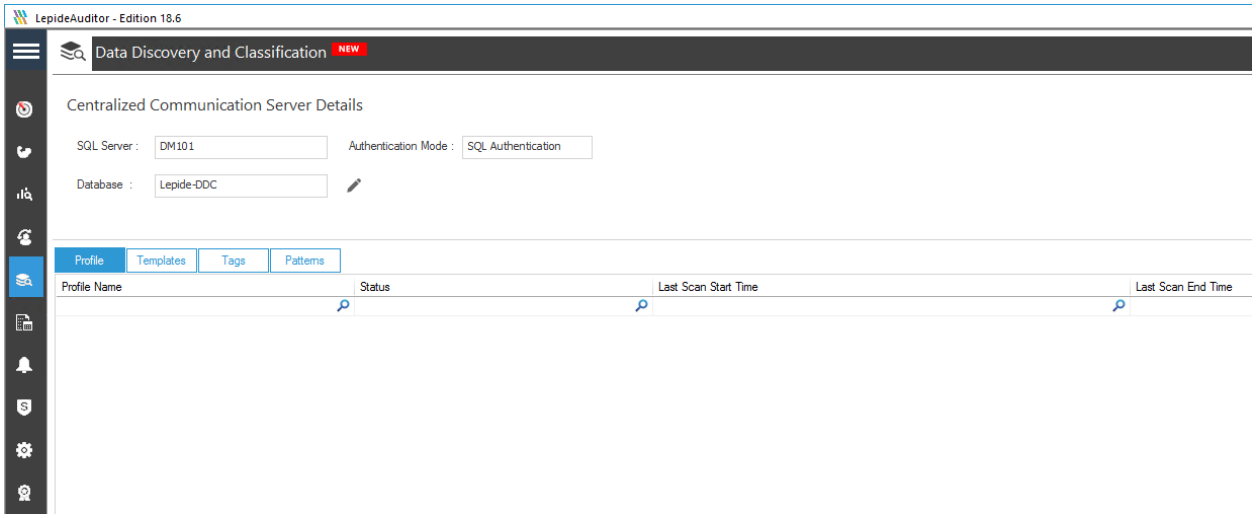

Figure 1: DDC Tab in LepideAuditor

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

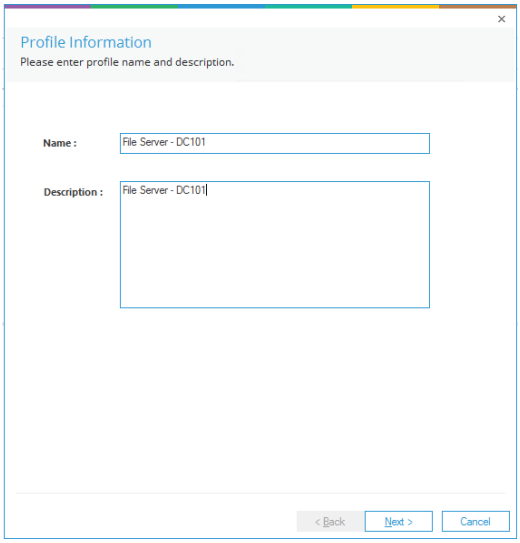

Figure 2: Profile Information

3. 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:

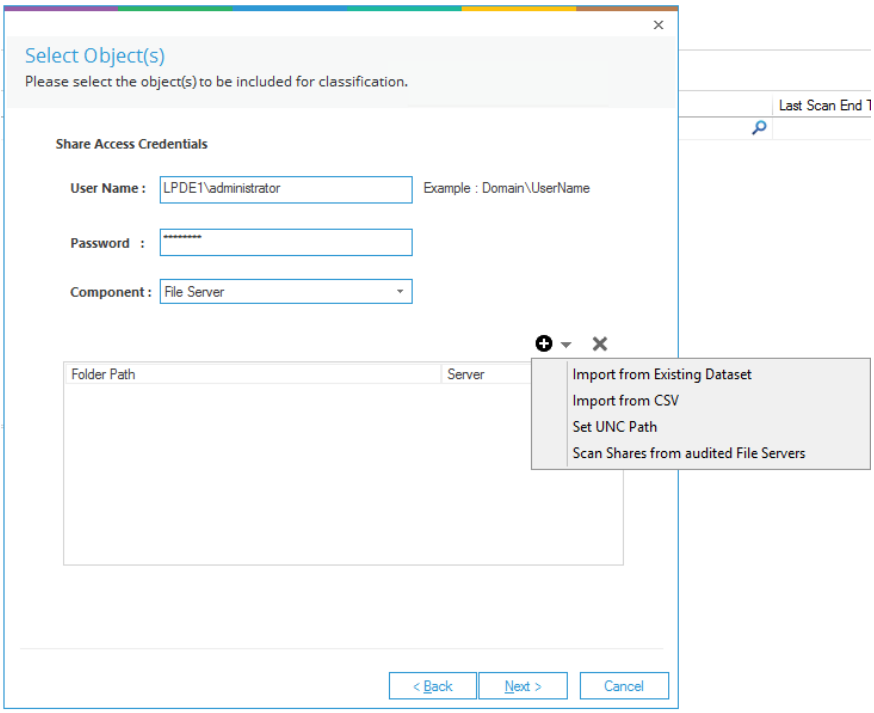

Figure 3: Select Object(s)

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

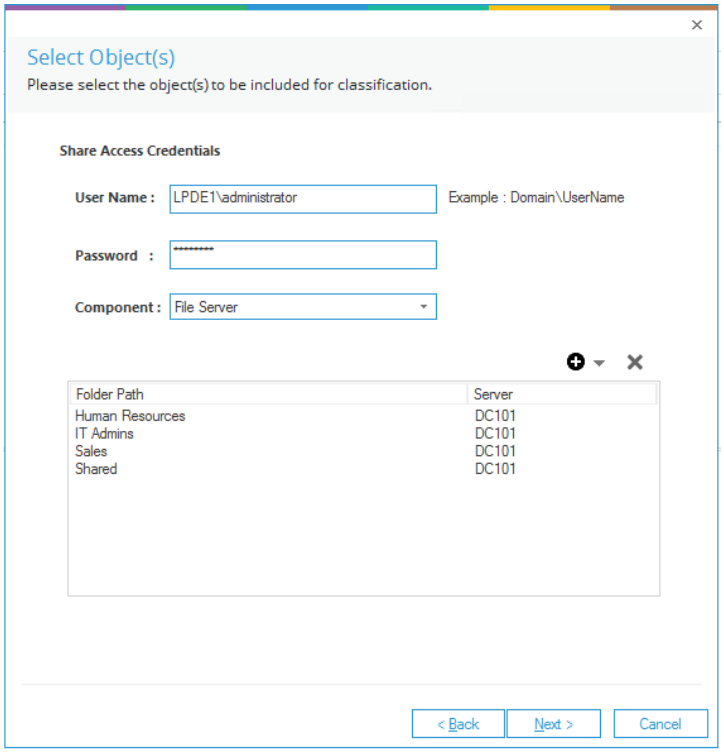

Figure 4: Objects Selected

5. 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).

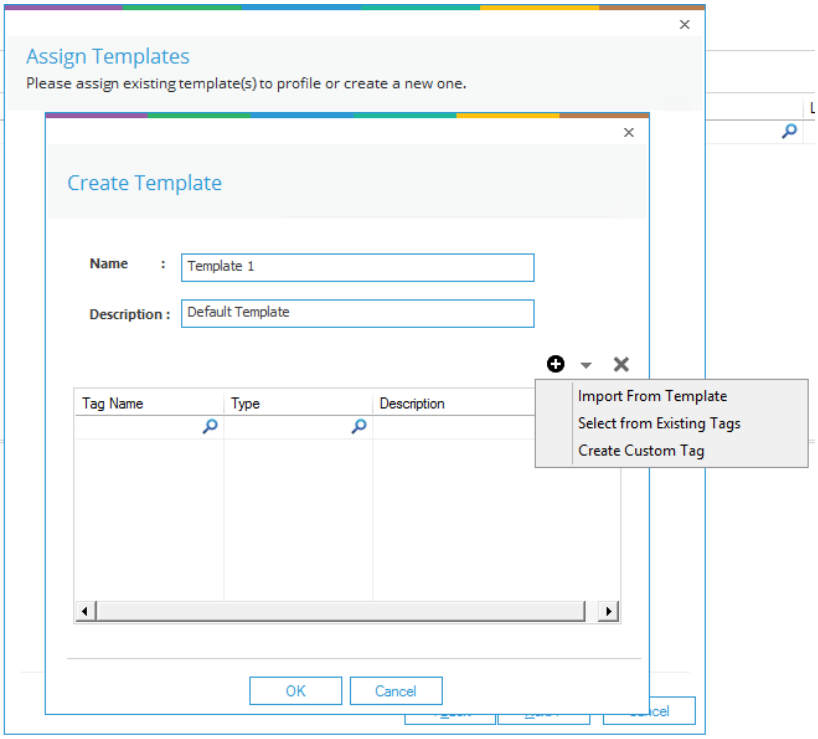

Figure 5: Assign Templates

6. 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.

7. 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.

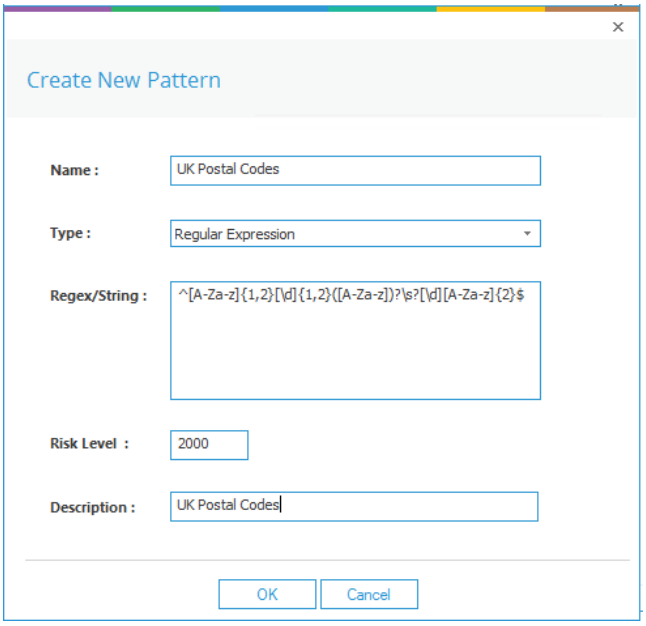

Figure 6: Create a new pattern

8. Select the file types which you want to scan for the Data Classification. By Default, it is set to All.

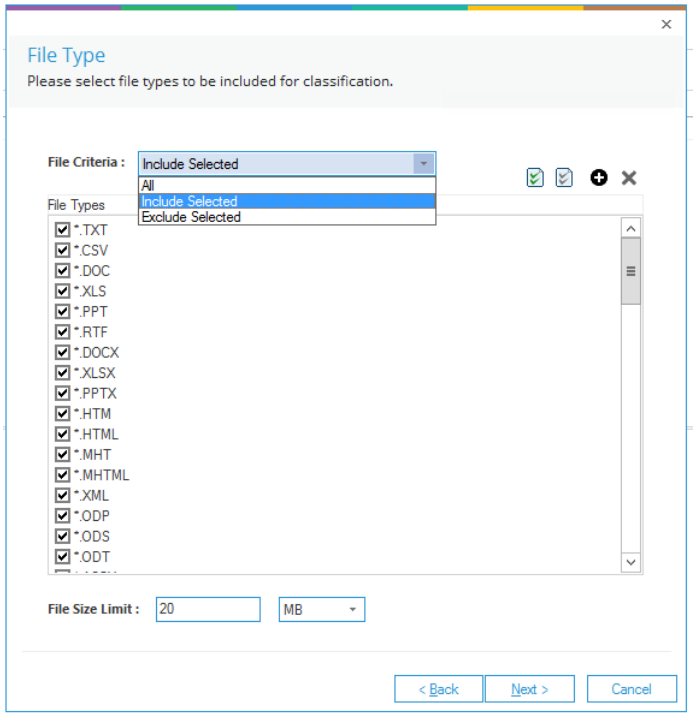

Figure 7: Select File Type

9. 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.

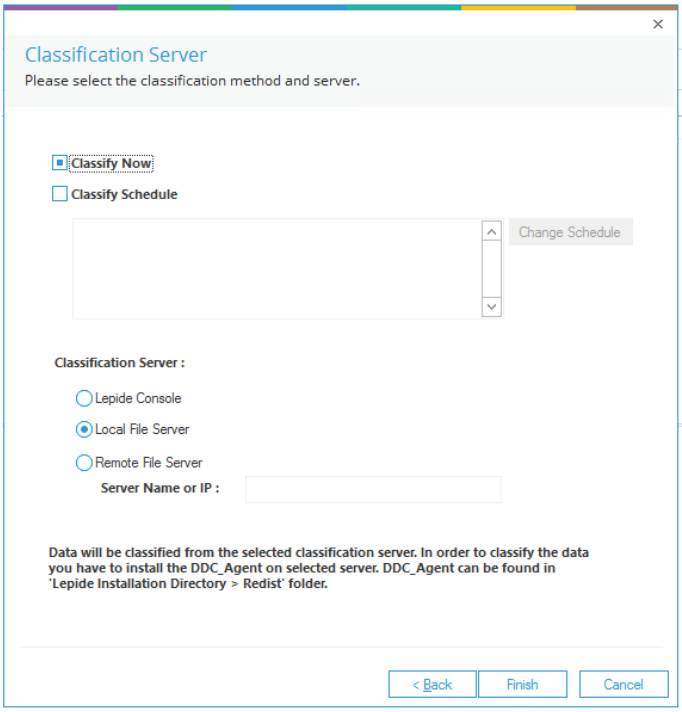

Figure 8: Set the classification schedule

10. Now, please go to the location C:\Program Files (x86)\LepideAuditor Suite\Redist on the Lepide server and copy these 2 files:
    - DDC_Agent_Setup.exe – This should be copied and installed on the Classification Server.
    - Setup-DataClassification.exe – This should be copied and installed on the File Server.

11. Configure the DDC_Agent on the Classification Server. Specify the account which the executor will use to classify the files. The local system account can be used here or any account which is either a domain admin or the local admin on the file server. After selecting the Service credentials, the next step is to select the same database here which was created in Step 1.

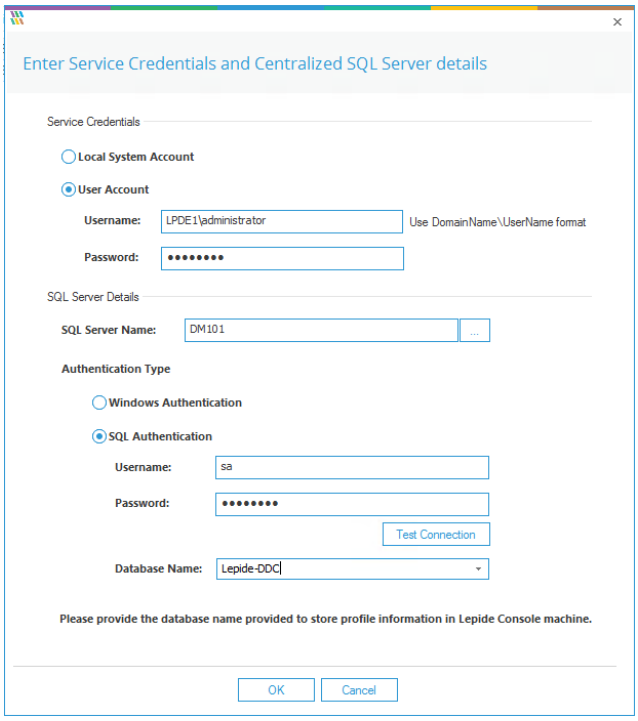

Figure 9: SQL Server Details

12. Next step is to install the Setup-Data Classification on the File server. On the first window, please select the IP of the File server if it was added with the IP on Step 4. Choose the same DB as selected in the Step 1. The destination SQL server should be the same which is selected in the Sensitive Data SQL Server Settings window in LepideAuditor.

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

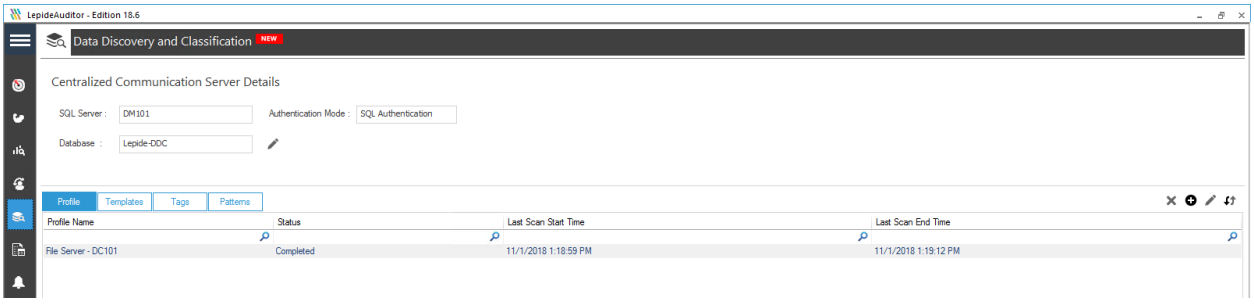

Figure 10: DDC scan running

4. Viewing the Report

To view the report, go to the Access Governance section of the solution and open Sensitive data report under the Risk Analysis:

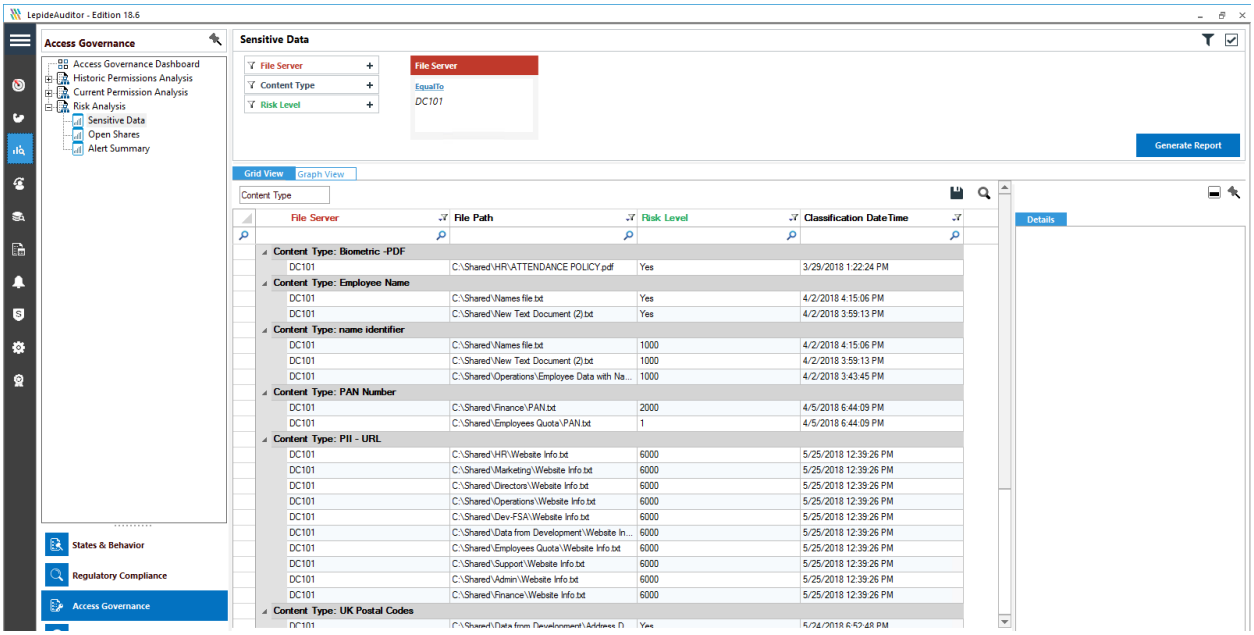

Figure 11: Sensitive Data Report

5. 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

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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

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To read more about the solution, visit http://www.lepide.com/lepideauditor/.

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