



USER GUIDE

# LEPIDE WEB CONSOLE

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# 1 Introduction

The Lepide Web Console provides an accessible and user-friendly interface for the Lepide Data Security Platform, offering a modern, logical, and intuitive layout making it easier to interrogate data with custom filters, and columns.

## 2 Requirements and Prerequisites

To work with the Lepide Web Console, you will need to have installed and configured the Lepide Data Security Platform and have appropriate rights to access Active Directory.

### 2.1 System Requirements

- Required Processor
  - Minimum dual-core processor
  - Recommended quad-core processor
- Required RAM
  - Minimum 8 GB RAM
  - Recommended 16 GB RAM
- Required free disk space
  - Minimum 1 GB
  - Recommended 2 GB
- Any of the following 32 bit or 64 bit Windows Operating Systems.
  - Windows Server OS: 2016, 2019 and 2022 (latest)
- .NET Framework 4.6.2 developer pack and above

#### Supported Web Browsers:

The LDSP Web Console can run in any of the following web browsers:

- Google Chrome (latest publicly released version)
- Microsoft Edge (latest publicly released version)
- Mozilla Firefox (latest publicly released version)
- Safari (latest publicly released version)

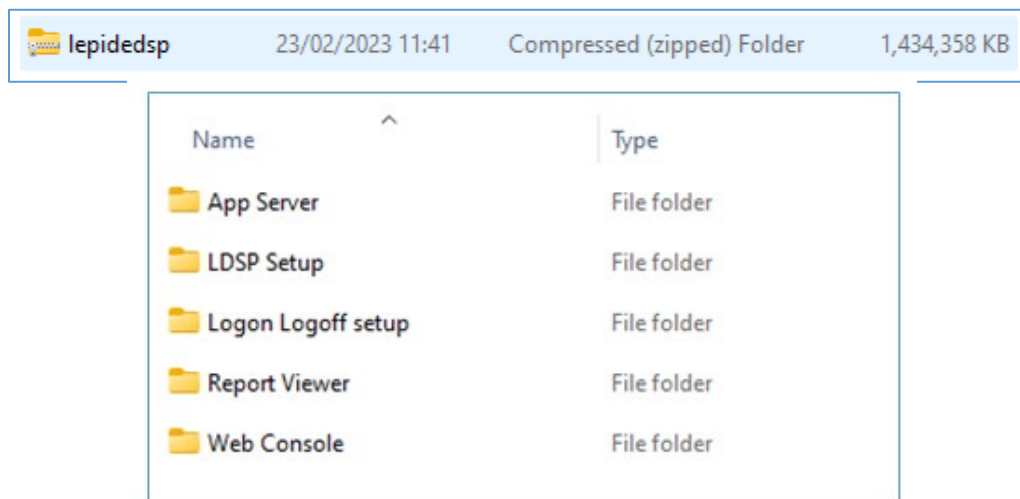
**NOTE:** Internet Explorer is no longer supported

## 3 How to Install the LDSP Web Console

- Double click the LDSP Web Console installation file **LDSP Web Console.exe**

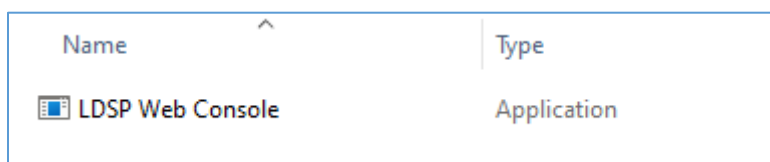
### 3.1 Application File Location

- If you have downloaded the Solution using the link from the Lepide website the .exe file will be located in the Web Console Folder which is found in the LepideDSP zip folder:



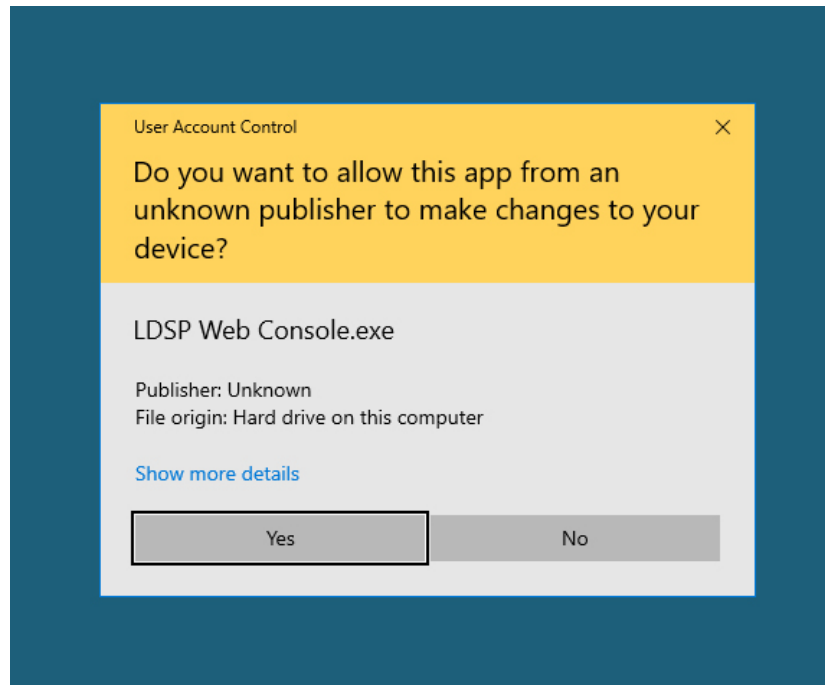
**Figure 2: Web Console Folder**

- Unzip the lepidedsp folder to show the following folders:
- Open the Web Console folder to see the LDSP Web Console Application file:



**Figure 3: Web Console Exe File**

- If you are installing the web console on a virtual appliance, the .exe file will be located on the C Drive of the virtual appliance.
- Respond to the security warning if it appears:



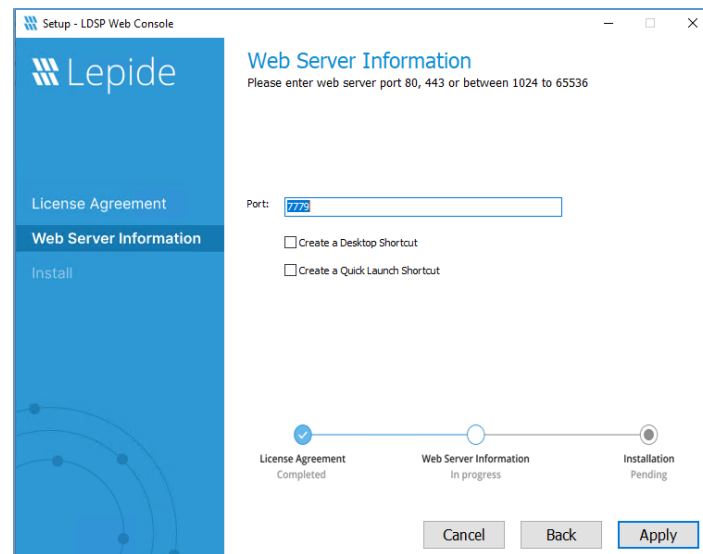
**Figure 4: Security Warning**

The LDSP Web Console Setup Wizard should automatically start. The first setup screen is shown below:



**Figure 5: Accept License Agreement**

- Click **Accept** to accept the License Agreement
- The Web Server Information dialog box is displayed:

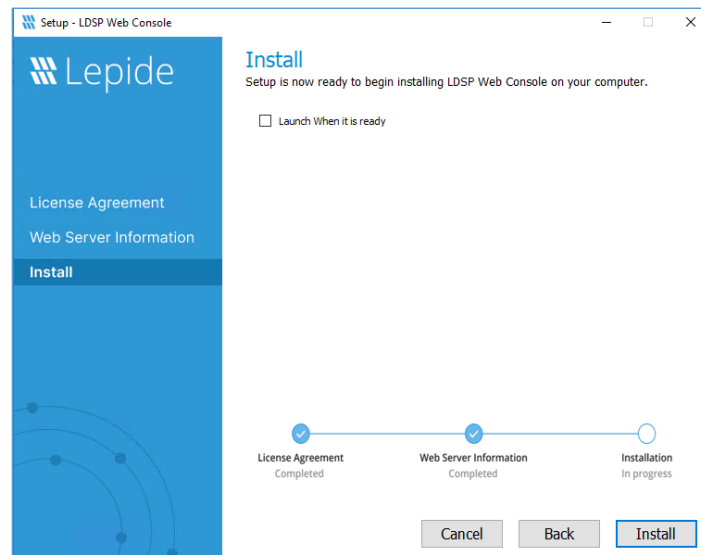


**Figure 6: Web Server Information**

- Add the web server port number. The port number 7779 is the default used by the Lepide Web Console but you can use any free port you have available.
- Check the **Create a desktop shortcut** box if required
- Check the **Create a quick launch shortcut** box if required
- Click **Apply** to continue

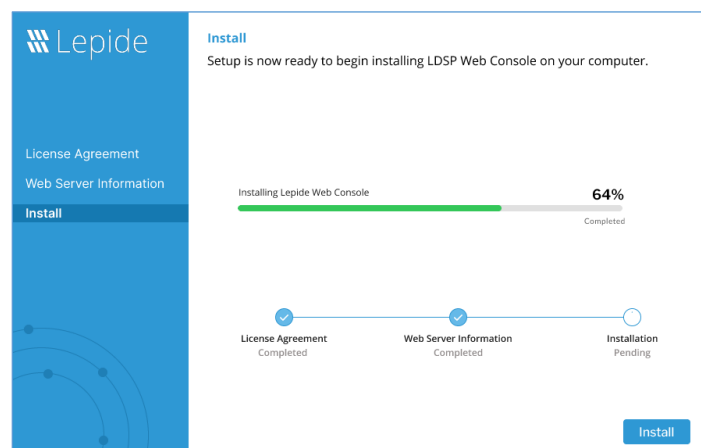


- The Install dialog box is displayed:



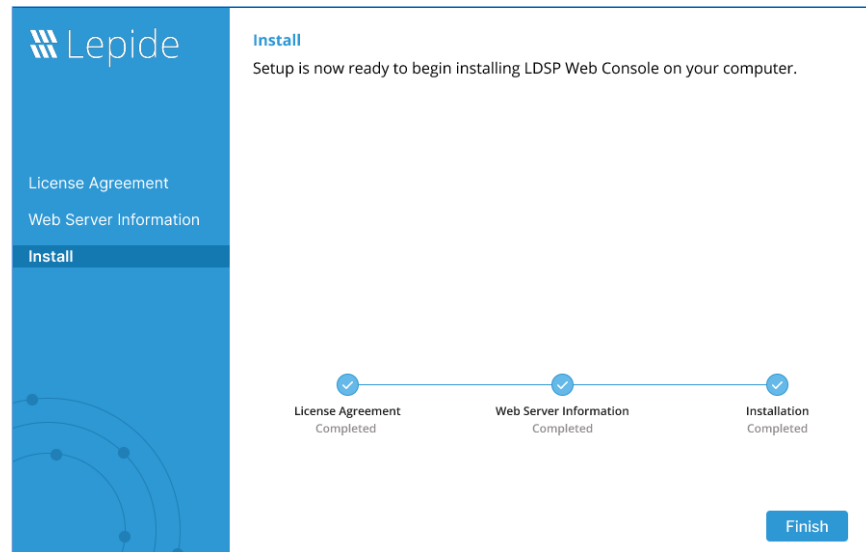
**Figure 7: Install**

- Check the **Launch when it is ready** box to start the Lepide Web Console once installation is complete
- Click **Install** to start the installation



**Figure 8: Installing the Lepide Web Console**

- Click the **Finish** button to complete the installation

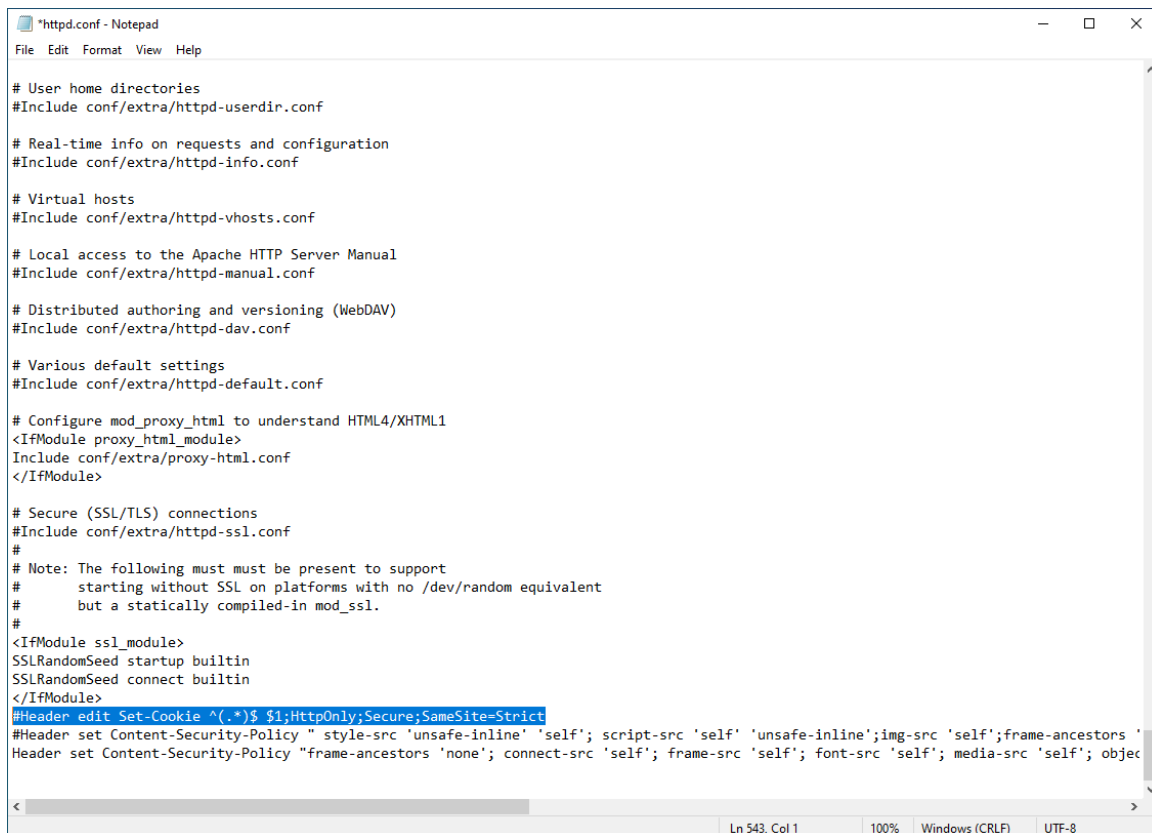


**Figure 9: Complete the Installation**

## 4 Accessing the Web Console from outside the Lepide Application Server

The steps below explain how to configure the web console so you can access it from outside the Lepide Application Server.

1. Open the File 'httpd.conf' from the path 'Lepide installation directory folder/LDSP Web Console/apache/conf'
2. Go to the bottom of the file, find the following line, and add a '#' at the beginning:  
#Header edit Set-Cookie ^(.\*)\$ \$1;HttpOnly;Secure;SameSite=Strict



```
"httpd.conf - Notepad
File Edit Format View Help

# User home directories
#Include conf/extra/httpd-userdir.conf

# Real-time info on requests and configuration
#Include conf/extra/httpd-info.conf

# Virtual hosts
#Include conf/extra/httpd-vhosts.conf

# Local access to the Apache HTTP Server Manual
#Include conf/extra/httpd-manual.conf

# Distributed authoring and versioning (WebDAV)
#Include conf/extra/httpd-dav.conf

# Various default settings
#Include conf/extra/httpd-default.conf

# Configure mod_proxy_html to understand HTML4/XHTML1
<IfModule proxy_html_module>
Include conf/extra/proxy-html.conf
</IfModule>

# Secure (SSL/TLS) connections
#Include conf/extra/httpd-ssl.conf
#
# Note: The following must must be present to support
#       starting without SSL on platforms with no /dev/random equivalent
#       but a statically compiled-in mod_ssl.
#
<IfModule ssl_module>
SSLRandomSeed startup builtin
SSLRandomSeed connect builtin
</IfModule>
#Header edit Set-Cookie ^(.*)$ $1;HttpOnly;Secure;SameSite=Strict
#Header set Content-Security-Policy " style-src 'unsafe-inline' 'self'; script-src 'self' 'unsafe-inline';img-src 'self';frame-ancestors '
Header set Content-Security-Policy "frame-ancestors 'none'; connect-src 'self'; frame-src 'self'; font-src 'self'; media-src 'self'; objec

Ln 543, Col 1    100%    Windows (CRLF)    UTF-8
```

**Figure 10: #Header edit Set-Cookie**


3. Save the file with the changes in the same location.
4. Restart the **LDSPapache** service.

**NOTE:** If you need further help on how to configure the web console with SSL, please refer to the [SSL Configuration Guide](#).

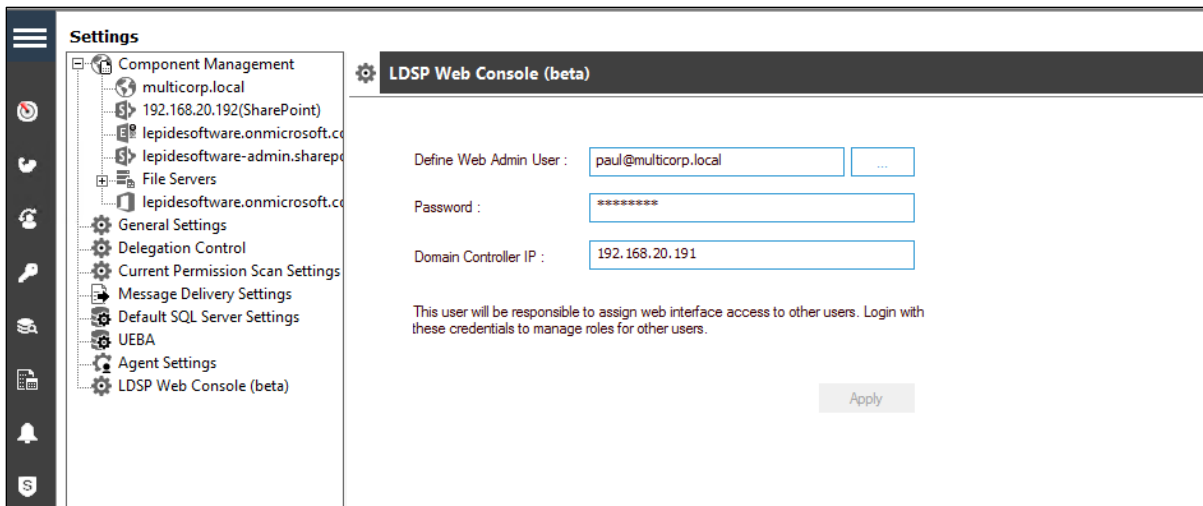
## 5 Creating the Web Admin Console User

To use the Web Console, the first thing you need to do is to specify a Web Console Admin User. Once this user has been set up, they can create all other Web Console users from within the Web Console interface.

From the Lepide Data Security Platform:


- Click the Settings icon 
- Select **LDSP Web Console** (last option on the tree structure)

The LDSP Web Console screen will be displayed:



**Figure 11: LDSP Web Console Admin User Setup**

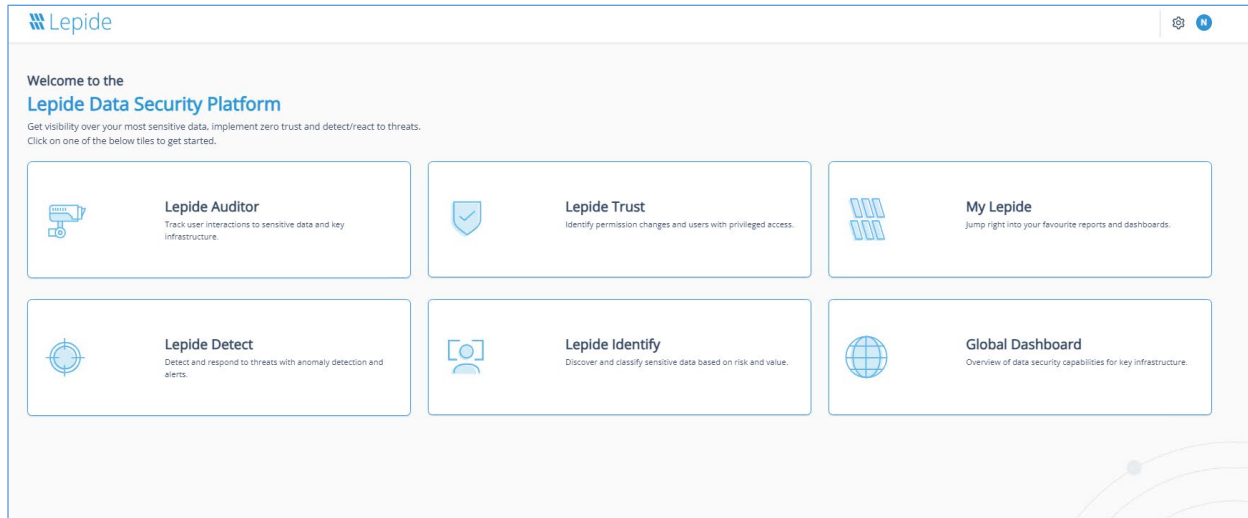
Enter the user logon details in the dialog box as follows:

- Enter the **Username** or click the  icon to select a username. It should be in the format **username@domain.com**
- Enter the **Password** (this is the Active Directory logon password)
- Enter the Domain Controller IP Address

This user will be responsible for assigning web interface access to other users. Login with these credentials to manage roles for other users.

- Click **Apply**

- Login to the Web Console with this user. Please use the same format for the username ([Username@domain.com](#)). The Web Console Home Screen will be displayed:



**Figure 12: Web Console Home Screen**

## 6 The Home Screen

The Home Screen for the Lepide Web Console will be displayed showing the four different Lepide categories and My Lepide. Clicking any of these buttons will take you into the relevant option.

The Home Screen Options are:

**Lepide Auditor:** Track user interactions to sensitive data and key infrastructure

**Lepide Trust:** Identify permission changes and users with privileged access

**Lepide Detect:** Detect and respond to threats with anomaly detection and alerts

**Lepide Identify:** Discover and classify sensitive data based on risk and value

**My Lepide:** Jump right into your favorite reports and dashboards

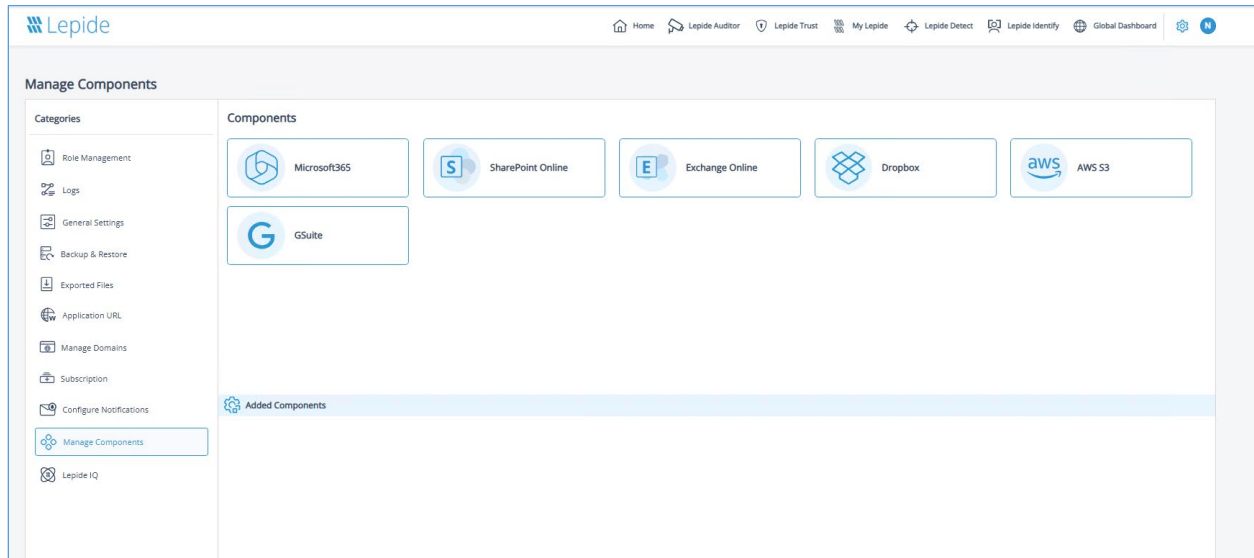
## 7 Managing Components

Cloud components can be added and configured from within the Web Console and the steps to do this are as follows:

### 7.1 Adding Components

From the Home Screen, click the Settings icon  at the top right of the screen.

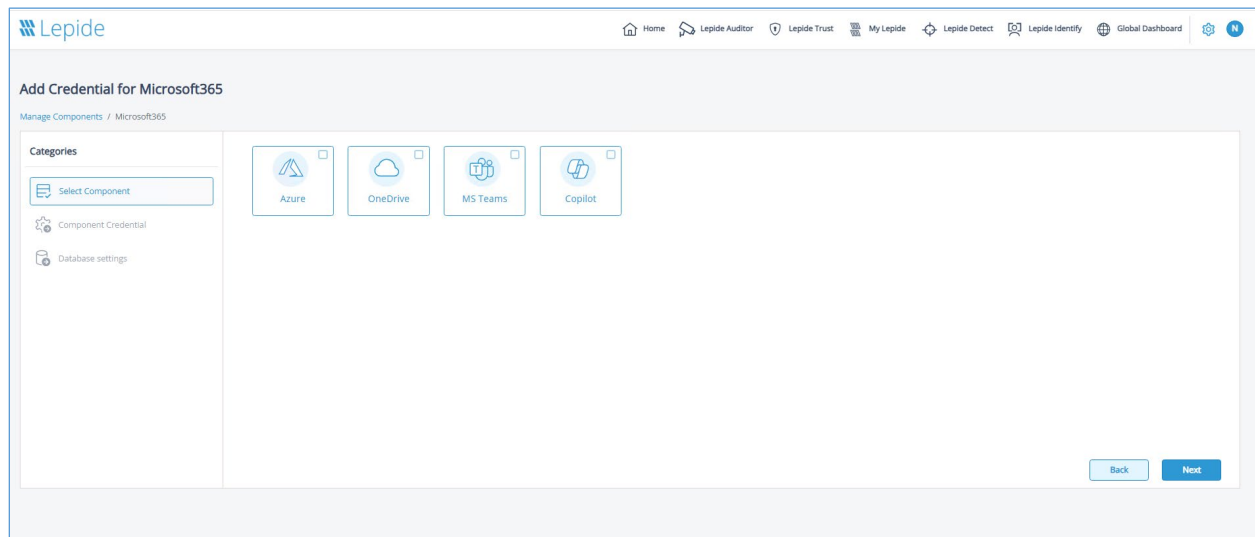
The Admin Console is displayed. From here, select **Manage Components** and the Manage Components screen is displayed:



**Figure 13: Manage Components**

### 7.1.1 Adding a Microsoft 365 Component

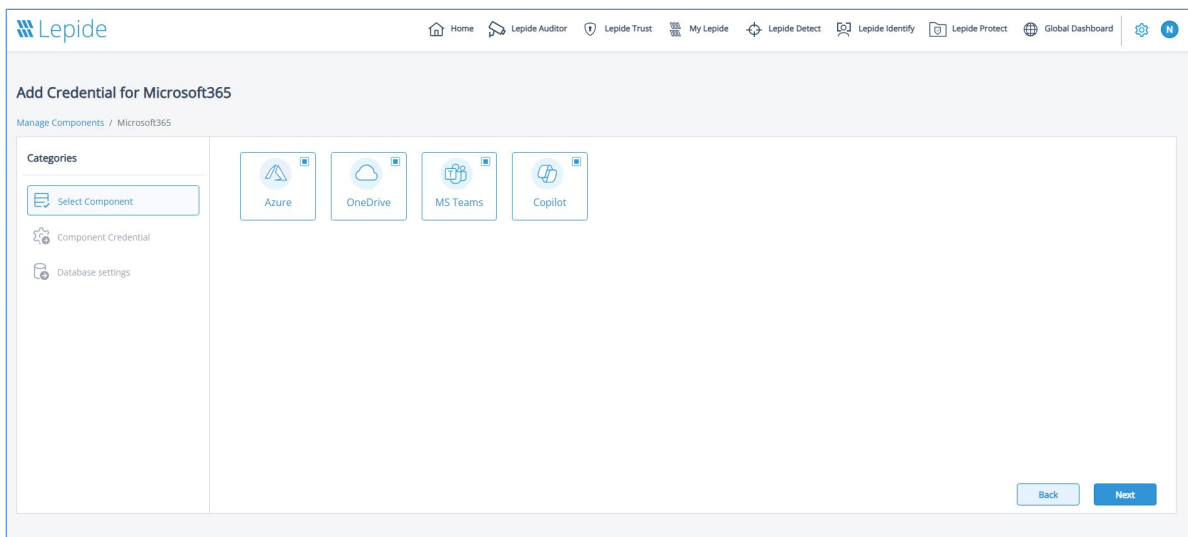
From the Manage Component window, click on the **Microsoft 365** component and the Add Credential for Microsoft 365 window is displayed with the Select Component category selected:



**Figure 14: Select Component**

From the Select Component category:

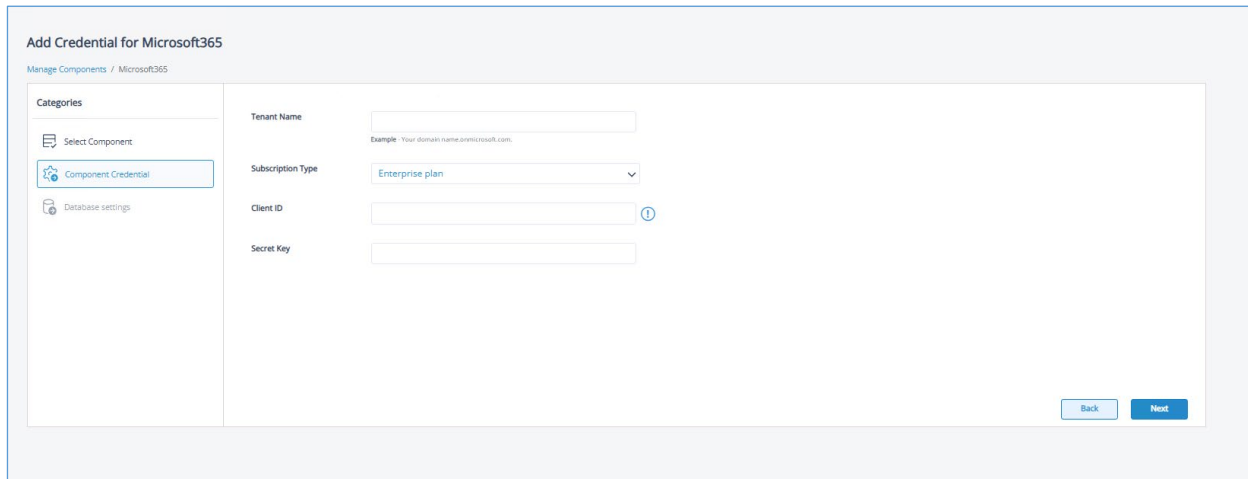
- Select the Component(s) you want to add. This can be one or more of the following:
  - Azure
  - OneDrive
  - MS Teams
  - Copilot



**Figure 15: All Microsoft 365 Components Selected**

- Click **Next** to continue

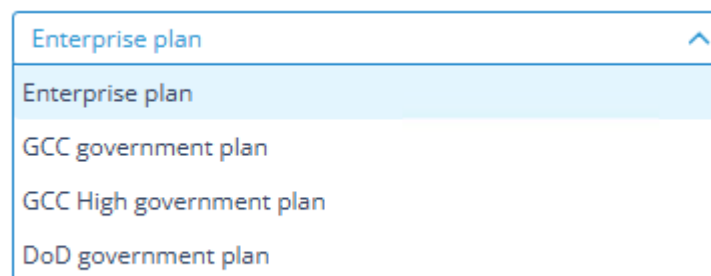
The Component Credential window is selected:



**Figure 16: Component Credentials**


Add the component credentials as follows:

- Enter the **Tenant Name**
- Select the **Subscription Type** from the following options:



**Figure 17: Subscription Types**

- Add the **Client Id**
- Add the **Secret Key**

For steps on how to generate the Client ID and Secret Key, click the  icon

- Click **Next** to continue



The Database Settings window is selected:

**Add credential for Microsoft 365**  
Manage Component / Office 365

**Categories**

- Select Components
- Component Credential
- Database Settings**

Server Name: 192.168.30.332

Authentication Type

- ☒ Windows Authentication
- ☐ SQL Authentication

User Name:

Password:

☒ Create database: Richard\_Data1

☐ Select database:

**Figure 18: Database Settings**

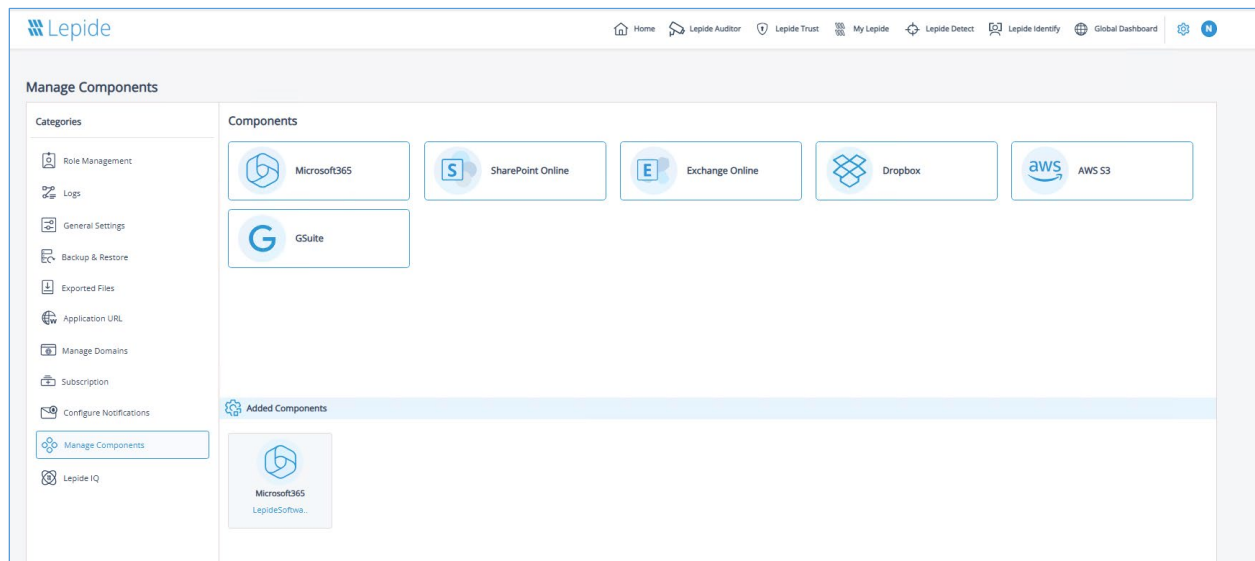
Add the Database Settings as follows:

- Server Name – enter the name of the server
- Authentication Type – choose from either:
  - Windows Authentication or
  - SQL Authentication – add the User Name and Password
- Select to either Create database – enter the database name and click **Test Connection** to test the database connection

Or

- Select database – use the drop-down arrow to select the name of an existing database
- Click **Finish**

The added component will be displayed in the Manage Component window:



**Figure 19: Added Microsoft 365 Component**

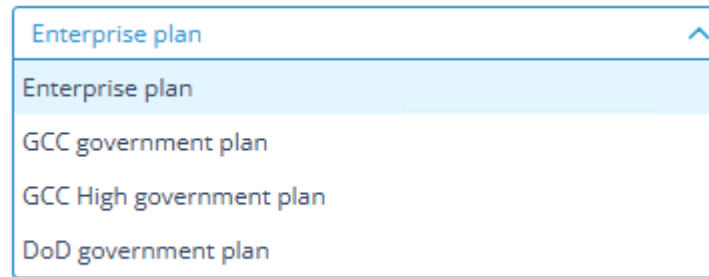
## 7.1.2 Adding a SharePoint Online Component

From the Manage Component window, click on the **SharePoint Online** component and the Add Credential for SharePoint Online window is displayed with the Component Credential category selected:

**Figure 20: Component Credential**

Add the component credentials as follows:

- Enter the **Central Admin URL**
- Enter the **Tenant Name**
- Select the **Subscription Type** from the following options:



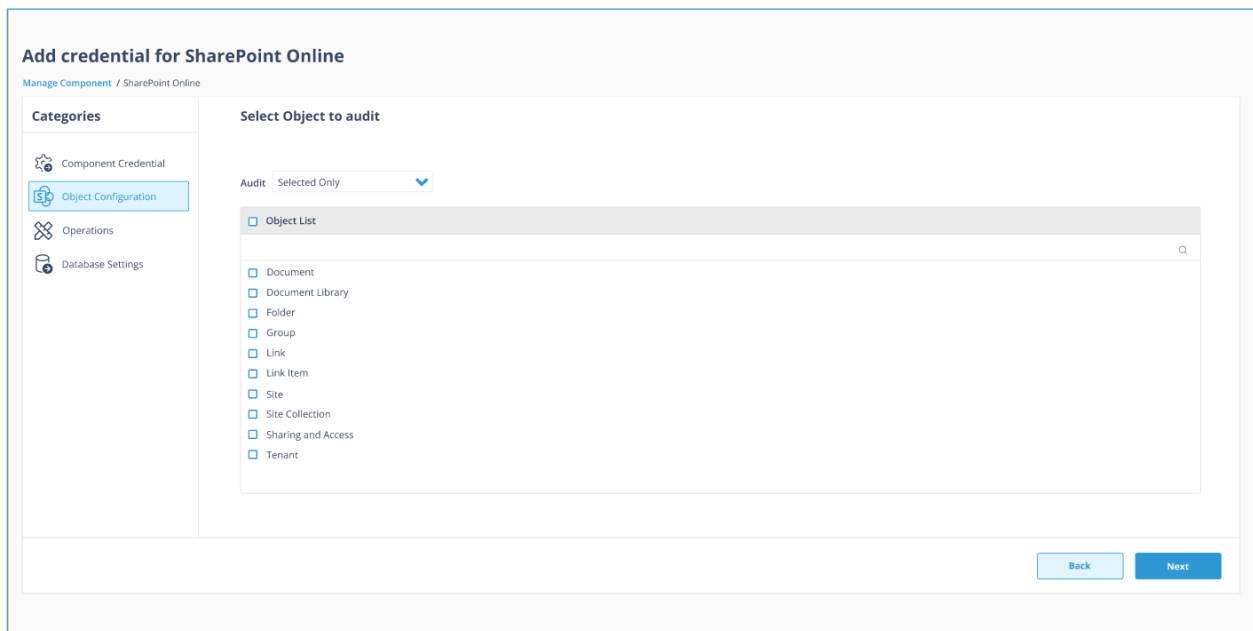
**Figure 21: Subscription Types**

- Add the **Client Id**
- Add the **Secret Key**

For steps on how to generate the Client ID and Secret Key, click the  icon

- Click **Next** to continue

The Object Configuration window is selected:



**Figure 22: Object Configuration**

- Select one or more of the objects to be audited
- To select all objects, check the box next to **Object List**
- Click **Next** to continue

The Operations window is selected:

**Add credential for SharePoint Online**

Manage Component / SharePoint Online

**Categories**

- Component Credential
- Object Configuration
- Operations**
- Database Settings

**Select Operation to audit**

Audit: Selected Only

☐ Operation List

- ☐ Accessed
- ☐ Check Out Discarded
- ☐ Checked In
- ☐ Checked Out
- ☐ Compliance Settings Changed
- ☐ Copied
- ☐ Deleted
- ☐ File Deleted First Stage Recycle Bin
- ☐ File Deleted Second Stage Recycle Bin
- ☐ File Version All Recycle Bin
- ☐ Modified

Back Next

**Figure 23: Operations**

- Select one or more operations to be audited
- To select all operations, check the box next to **Operation List**
- Click **Next** to continue

The Database Settings window is displayed:

**Add credential for SharePoint Online**

Manage Component / SharePoint Online

**Categories**

- Component Credential
- Object Configuration
- Operations
- Database Settings**

Server Name: 192.168.30.332

Authentication Type

- ☒ Windows Authentication
- ☐ SQL Authentication

User Name:

Password:

☒ Create database: Richard\_Data1 **Test Connection**

☐ Select database: Select ▼

**Back** **Finish**

**Figure 24: Database Settings**

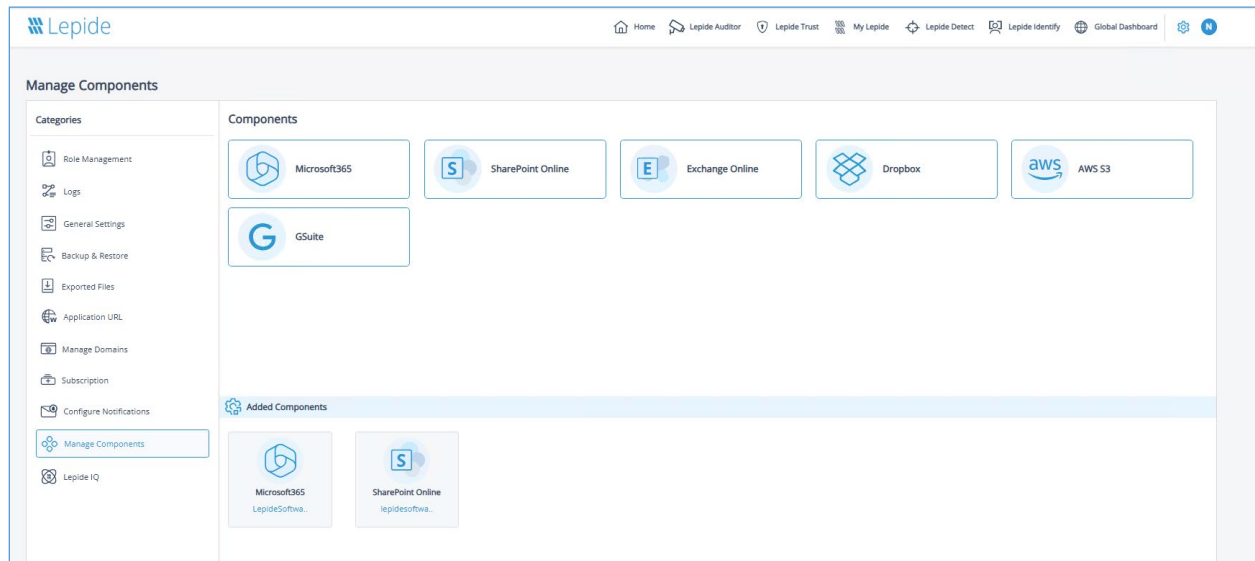
Add the Database Settings as follows:

- Server Name – enter the name of the server
- Authentication Type – choose from either:
  - Windows Authentication or
  - SQL Authentication – add the User Name and Password
- Select to either Create database – enter the database name and click **Test Connection** to test the database connection

Or

- Select database – use the drop-down arrow to select the name of an existing database
- Click **Finish**

The added component will be displayed in the Manage Component window:



**Figure 25: Added SharePoint Online Component**

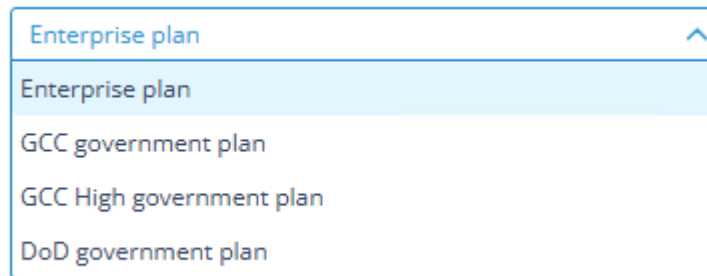
### 7.1.3 Adding an Exchange Online Component

From the Manage Component window, click on the **Exchange Online** component and the Add Credential for Exchange Online window is displayed with the Component Credential category selected:

**Figure 26: Component Credential**

Add the component credentials as follows:

- Enter the **Tenant Name**
- Select the **Subscription Type** from the following options:

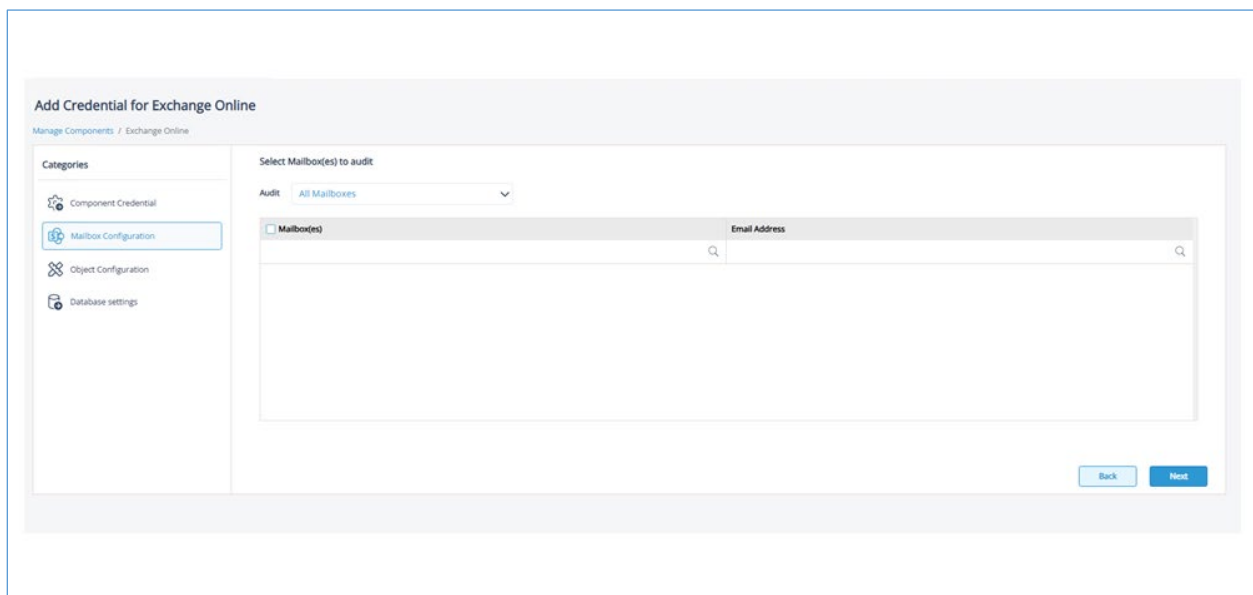


**Figure 27: Subscription Types**

- Add the **Client Id**
- Add the **Secret Key**

For steps on how to generate the Client ID and Secret Key, click the  icon


- Click **Next** to continue



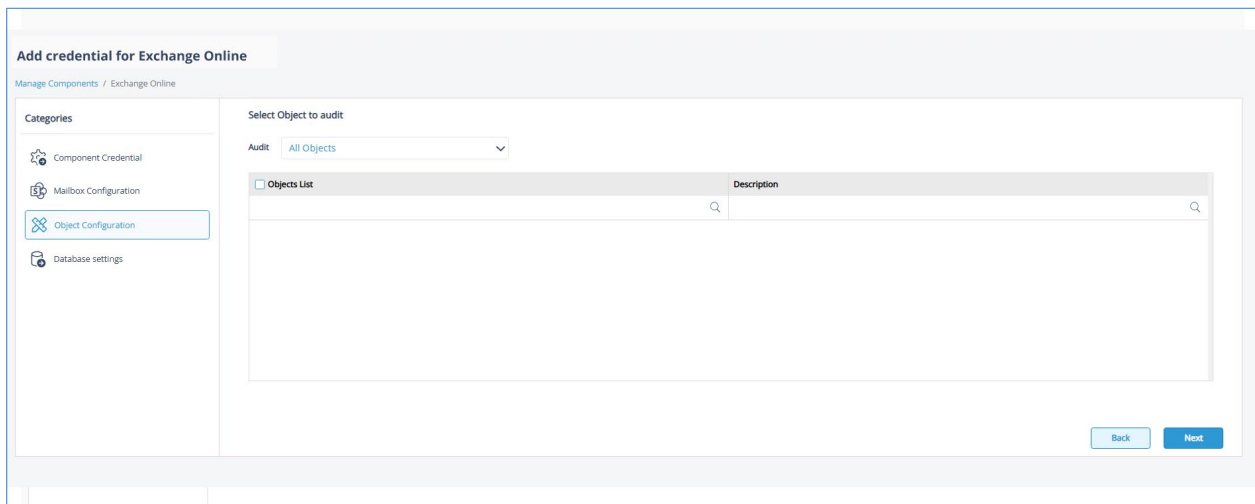
**Figure 28: Mailbox Configuration**

The Mailbox Configuration window is selected:


- Select one or more of the Mailboxes to be audited
- To select all Mailboxes, check the box next to **Mailbox(es)**

- To search by Mailbox or Email ID, click the relevant search box next to the search icon  and enter the text to search for
- Click **Next** to continue

The Object Configuration window is selected:



**Figure 29: Object Configuration**

- Select one or more objects to be audited
- To select all objects, check the box next to **Objects List**
- To search by Object or Description, click the relevant search box next to the search icon  and enter the text to search for
- Click **Next** to continue

The Database Settings window is displayed:



**Add credential for Exchange Online**  
Manage Components / Exchange Online

**Categories**

- Component Credential
- Mailbox Configuration
- Object Configuration
- Database settings

Server Name: DMD01

Authentication Type

- ☐ Windows Authentication
- ☒ SQL Authentication (recommended)

User Name: sa

Password: \*\*\*\*\*

☐ Create database

☒ Select database: Lepide-EXO

Test Connection

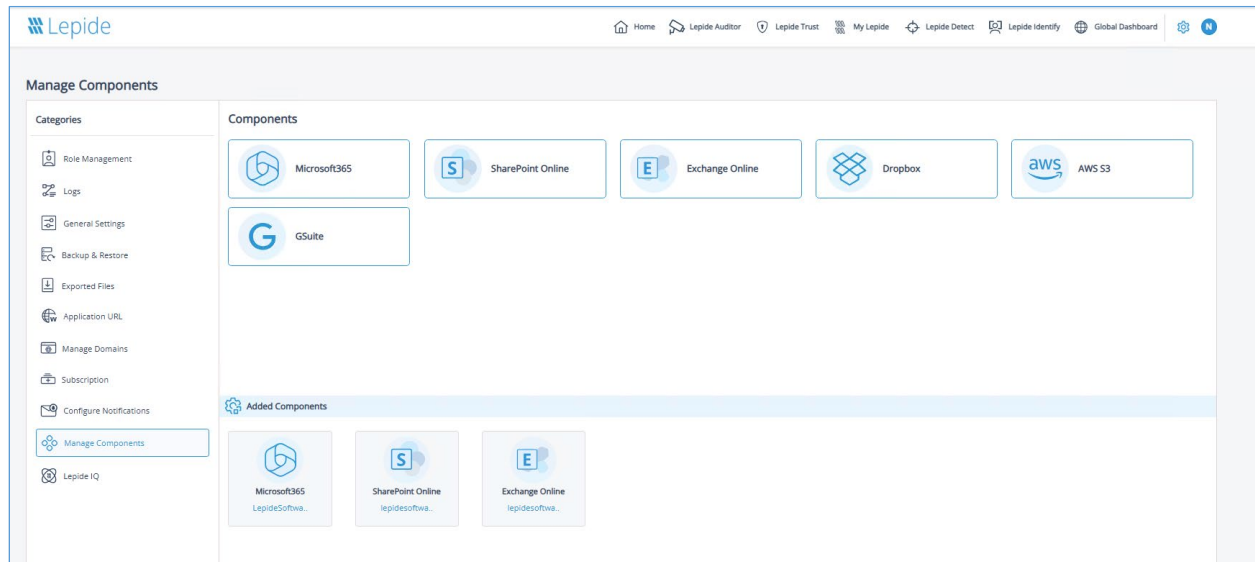
Back Finish

**Figure 30: Database Settings**

Add the Database Settings as follows:

- Server Name – enter the name of the server
  - Authentication Type – choose from either:
    - Windows Authentication or
    - SQL Authentication – add the User Name and Password
  - Select to either Create database – enter the database name and click **Test Connection** to test the database connection
- Or
- Select database – use the drop-down arrow to select the name of an existing database
  - Click **Finish**

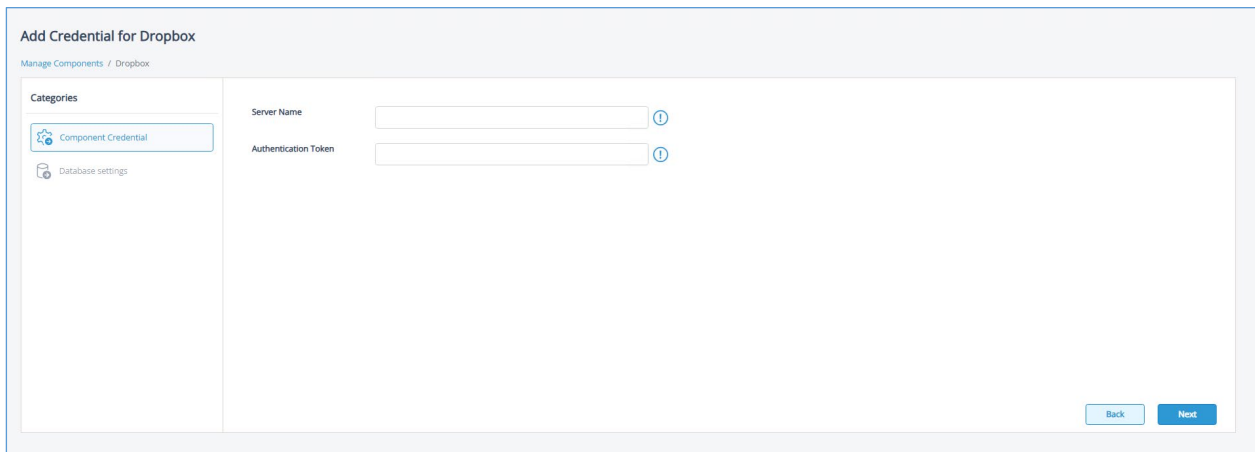
The added component will be displayed in the Manage Component window:



**Figure 31: Manage Components**

## 7.1.4 Adding a Dropbox Component

From the Manage Component window, click on the **Dropbox** component and the Add Credential for Dropbox window is displayed with the Component Credential category selected:



**Figure 32: Component Credential**

- Add the **Server Name**

The specified name will appear in the 'Server Name' column for the All Environment Changes Report

- Add the **Authentication Token**

For steps on how to generate the Authentication Token, click the  icon

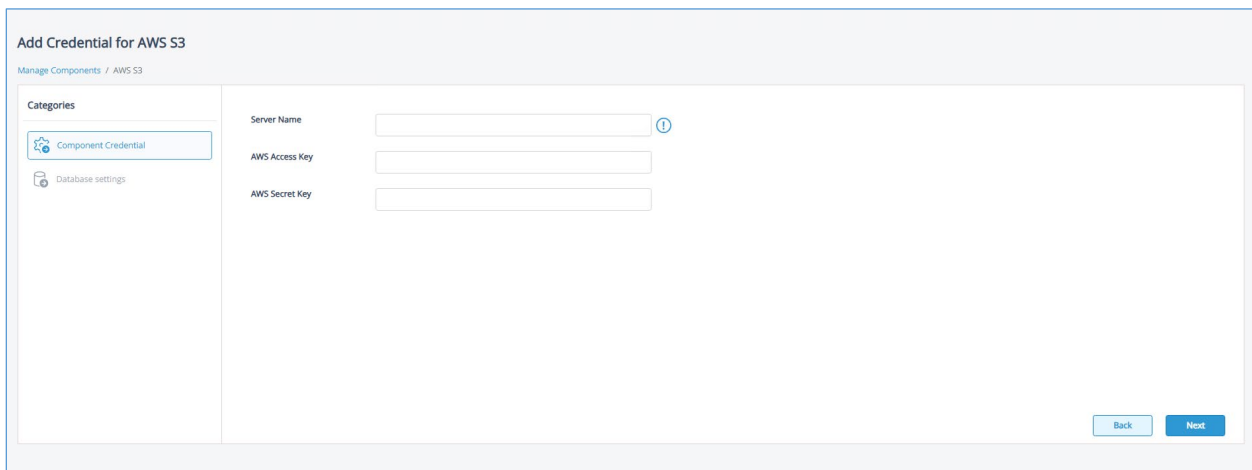
- Click **Next** to continue

The Database Settings window is displayed.

- The steps for adding database settings for a Dropbox Component are the same as for Adding an Exchange Online Component. Please refer to these steps which can be found on page 25 of this guide.

## 7.1.5 Adding an Amazon S3 Component

From the Manage Component window, click on the **AWS S3** component and the Add Credential for AWS S3 window is displayed with the Component Credential category selected:



**Figure 33: Component Credential**

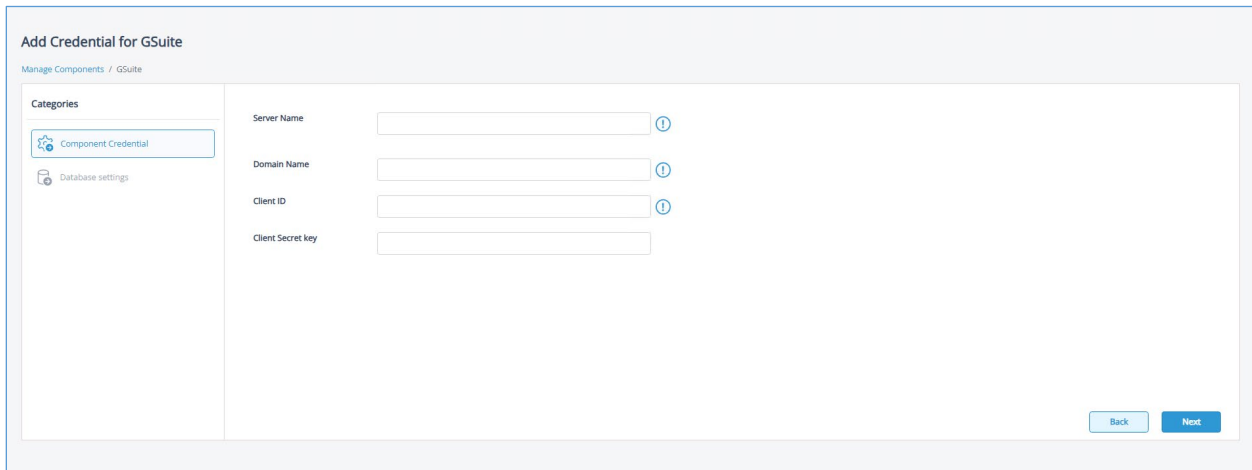
- Add the **Server Name**  
The specified name will appear in the 'Server Name' column for the All Environment Changes Report
- Add the **AWS Access Key**
- Add the **AWS Secret Key**
- Click **Next** to continue

The Database Settings window is displayed.

- The steps for adding database settings for a Dropbox Component are the same as for Adding an Exchange Online Component. Please refer to these steps which can be found on page 25 of this guide.

## 7.1.6 Adding a G Suite Component

From the Manage Component window, click on the **G Suite** component and the Add Credential for G Suite window is displayed with the Component Credential category selected:



**Figure 34: Component Credential**

- Add the **Server Name**  
The specified name will appear in the 'Server Name' column for the All Environment Changes Report
- Add the **Domain Name**
- Please enter a valid domain name. The domain name entered will be used for user enumeration and will not be validated here.
- Add the **Client ID**

For steps on how to generate the Client ID and Secret Key, click the  icon

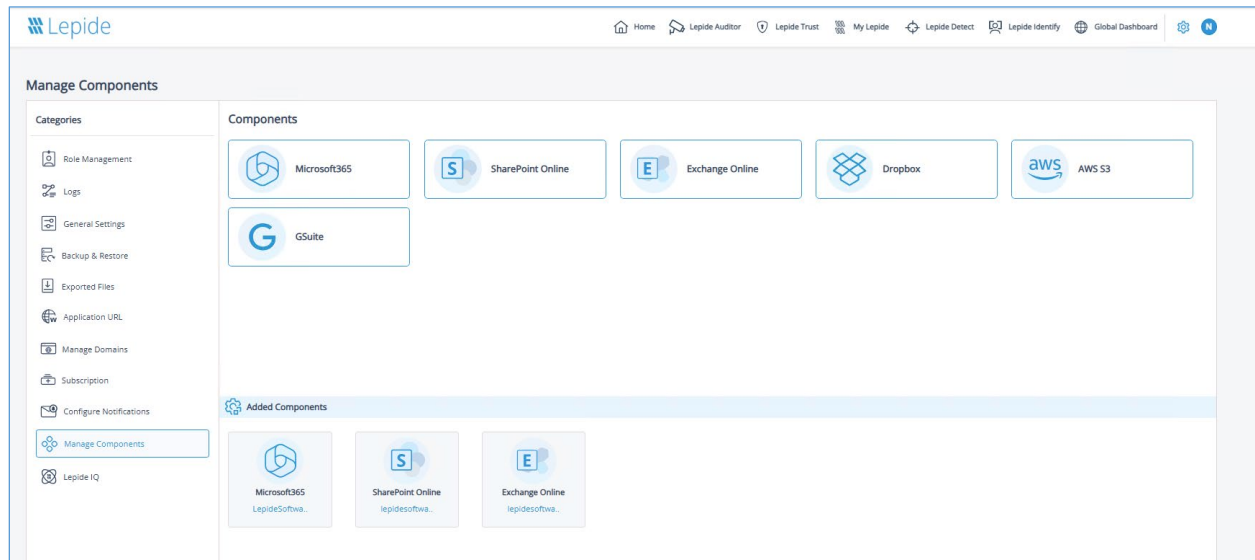
- Add the **Client Secret Key**
- Click **Next** to continue

The Database Settings window is displayed.

- The steps for adding database settings for a G Suite Component are the same as for Adding an Exchange Online Component. Please refer to these steps which can be found on page 25 of this guide.

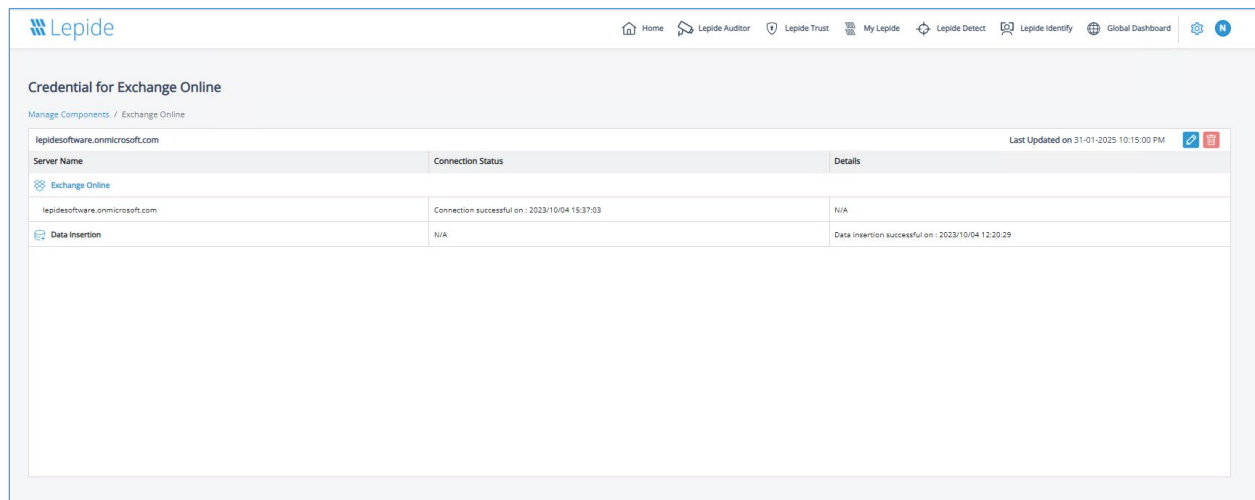
## 7.2 Editing Components

To edit a component, click on the Component Name in the **Added Components** section of the Manage Components window:



**Figure 35: Manage Components**

The credential window will be displayed:



**Figure 36: Credential Window**

- Click on the edit icon



The Edit Credential window will be displayed with the first step of the wizard:

The screenshot shows the 'Edit Credential for Exchange Online' page in the Lepide web console. The breadcrumb trail is 'Manage Components / Exchange Online'. On the left, a 'Categories' sidebar lists 'Component Credential' (selected), 'Mailbox Configuration', 'Object Configuration', and 'Database settings'. The main form contains the following fields: 'Tenant Name' (text input with value 'lepidesoftware.onmicrosoft.com' and a hint 'Enter like: Your domain name.onmicrosoft.com'), 'Subscription Type' (dropdown menu with 'Enterprise plan' selected), 'Client ID' (text input with value '74bed4d5-1587-4044-b838-235dd5e48859' and an info icon), 'Secret Key' (password input field), and 'ThumbPrint' (text input field with an info icon). At the bottom right are 'Back' and 'Next' buttons.

**Figure 37: Edit Credentials**

- Make the changes as required, clicking the **Next** button to move to the next step of the wizard
- Click **Finish** when done

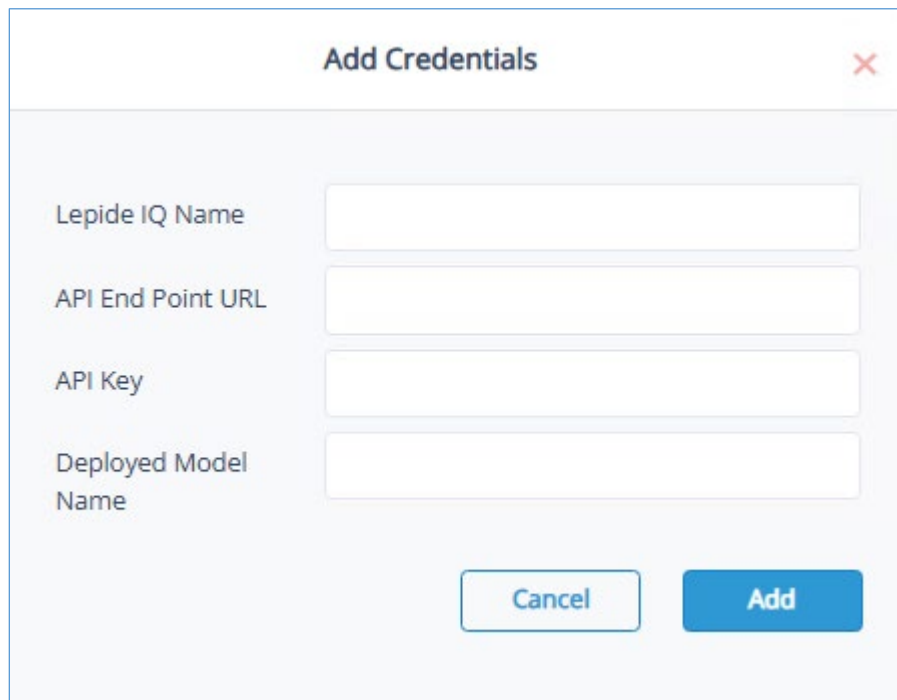
## 8 Adding Lepide IQ

The screenshot shows the 'Lepide IQ' page in the web console. The breadcrumb trail is 'Lepide IQ'. On the left, a 'Categories' sidebar lists various settings, with 'Lepide IQ' selected at the bottom. The main area features a table with columns: 'Lepide IQ Name', 'API End Point URL', 'API Key', 'Deployed Model Name', and 'Actions'. The table is currently empty. Below the table is a large illustration of a computer monitor displaying the Lepide logo, surrounded by floating dollar bills. Below the illustration, text reads: 'You haven't added any Lepide IQ credentials yet. Please add them to explore the Intelligence features'. In the top right corner of the main area is a '+ Add Credentials' button.

**Figure 38: Lepide IQ**

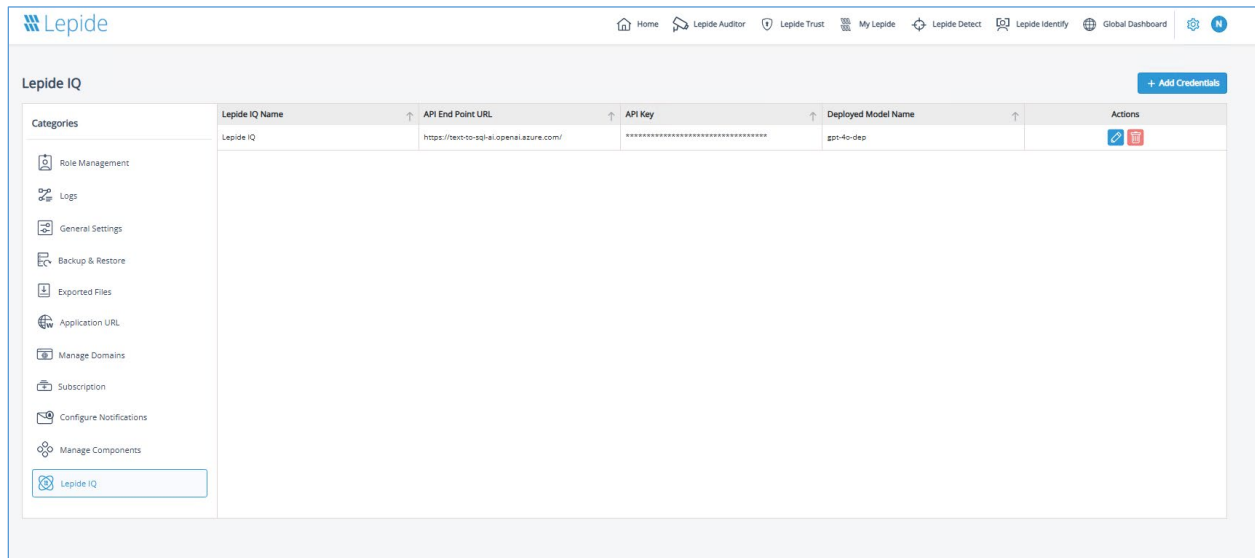
- From the Admin Console, select Lepide IQ
- Click the **Add Credentials** button

The Add Credentials dialog box is displayed:

The image shows a modal dialog box titled "Add Credentials" with a red close button in the top right corner. The dialog contains four text input fields stacked vertically, each with a label to its left: "Lepide IQ Name", "API End Point URL", "API Key", and "Deployed Model Name". At the bottom right of the dialog are two buttons: a light blue "Cancel" button and a dark blue "Add" button.

**Figure 39: Add Credentials**

- Enter the following details:
  - Lepide IQ Name
  - API End Point URL
  - API Key
  - Deployed Model Name
- Click **Add** when done and the Lepide IQ details will be displayed:



**Figure 40: Lepide IQ Details**

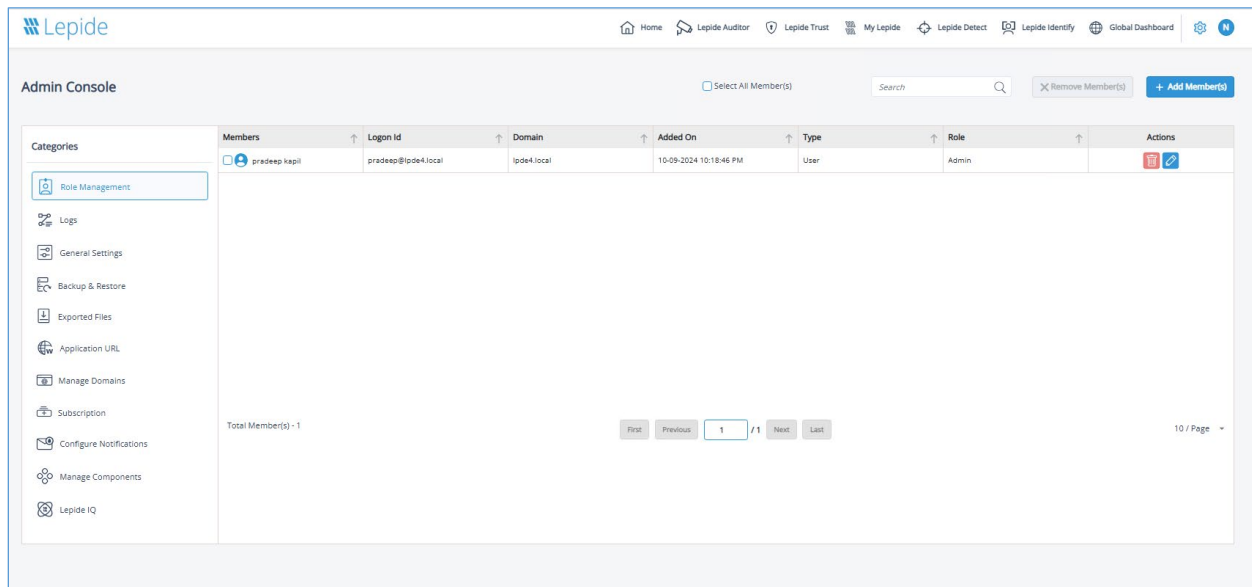
## 9 Role Management

### 9.1 Adding a New User or Group

From the Home Screen, click the Settings icon  at the top right of the screen.



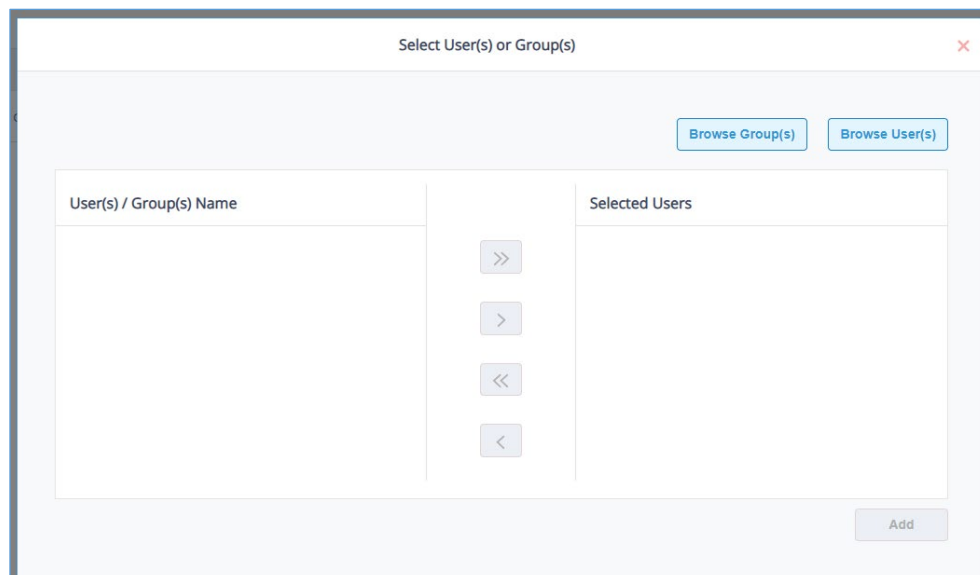
The Admin Console is displayed:



**Figure 41: Admin Console/Role Management**

- Click the **Add Members** button

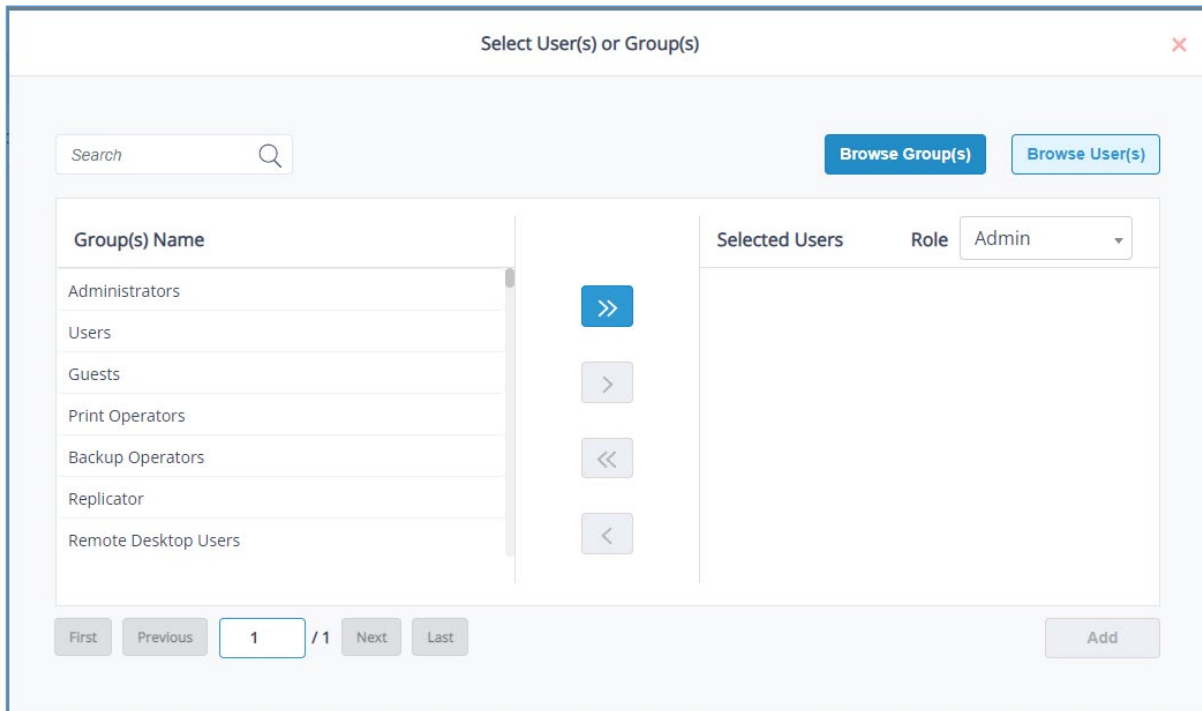
The following dialog box is displayed:





**Figure 42: Select Users or Groups**

## 9.2 Adding a Group

- Click the **Browse Group(s)** button



**Figure 43: Groups**

- The Group(s) Name area will be populated with all the Groups available
- If there are multiple pages of group names, use the **First/Previous/Next/Last** navigation buttons to move through the pages
- To search for a particular group, click on the **Search** bar at the top of the dialog box and type the search text
- To add all listed groups, click the  button
- To add a specific group, click to select the group and click the  button to add it to the selected users list.
- Repeat this last step for any other groups you want to add

- Select the required role of either **Admin** or **Data Viewer**:
- Click the **Add** button to add the group(s)

Role	Admin
	Admin
	Data Viewer

## 9.3 Adding a User

- Click the **Browse User(s)** button
- The User(s) Name area will be populated with all the usernames available

Select User(s) or Group(s)

Search

Browse Group(s) Browse User(s)

User(s) Name

Administrator@multicorp.local

jason@multicorp.local

mandy@multicorp.local

david@multicorp.local

glen@multicorp.local

sharon@multicorp.local

anthony@multicorp.local

Selected Users

Role Admin

First Previous 1 / 1 Next Last

Add

**Figure 44: Users**

- If there are multiple pages of usernames, use the **First/Previous/Next/Last** navigation buttons to move through the pages
- To add all users, click the >> button
- To add a specific user, click to select the username and click the > button to add it to the selected users list.
- Repeat this last step for any other users you want to add

- Select the required role either Admin or Data Viewer:
- Click the **Add** button

Role	Admin	▲
	Admin	
	Data Viewer	

## 10 Dashboards and Reports

From the Home Screen, choose a Lepide Category – this can be either Lepide Auditor, Lepide Trust, Lepide Detect or Lepide Identify. For this example, we will look at Lepide Auditor

### 10.1 Dashboard Options

The Lepide Auditor Dashboard screen is displayed. This contains pre-defined dashboards based on reports for the chosen category (in this case Lepide Auditor).

The following options to change the time period and to refresh the data are available:



**Figure 45: Dashboard Options**

- These options are 1 day ago, 7 days ago, 31 days ago and Refresh

### 10.2 Display the Report Behind the Data

Clicking on an area of data within the dashboard will display the report on which the data was based

- In the example below, clicking on the first column in the chart will display the All Environment Changes Report which is the report that this Dashboard chart was based on:



**Figure 46: Dashboard Data**

- Click **Generate** to generate the report:

**Report**

Report Name - All Environment Changes

Filters : Component Name : [Equals [Active Directory, Exchange Server, Group Policy]] AND Who : [Contains [MULTICORPIDCBDC001\$]]

Home / Lepide Auditor / Reports / All Environment Changes

Feb 28, 2023 11:00:00 - Mar 1, 2023 10:59:59 [Generate Report](#) [Export](#)

Component Name	Server Name	Object Path	Object Type	Who	When	Operation	What	Where	Criticality
Active Directory	multicorp.local	MULTICORPadmin	User	MULTICORPIDCBDC00...	28-02-2023 04:17:58 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 03:12:08 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 03:11:08 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPadmin	User	MULTICORPIDCBDC00...	28-02-2023 02:47:12 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 02:42:52 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 02:42:12 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 01:11:49 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPadmin	User	MULTICORPIDCBDC00...	28-02-2023 12:48:32 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 12:24:20 PM	Locked	Locked	N/A	high
Active Directory	multicorp.local	MULTICORPAdminstr...	User	MULTICORPIDCBDC00...	28-02-2023 12:24:10 PM	Locked	Locked	N/A	high

Total Records - 24

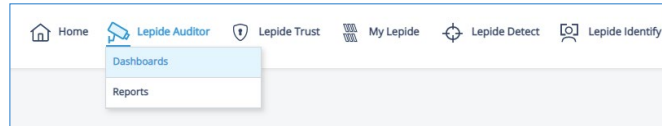
First Previous 1 / 3 Next Last

10 / Page

**Figure 47: Report Behind the Dashboard Data**

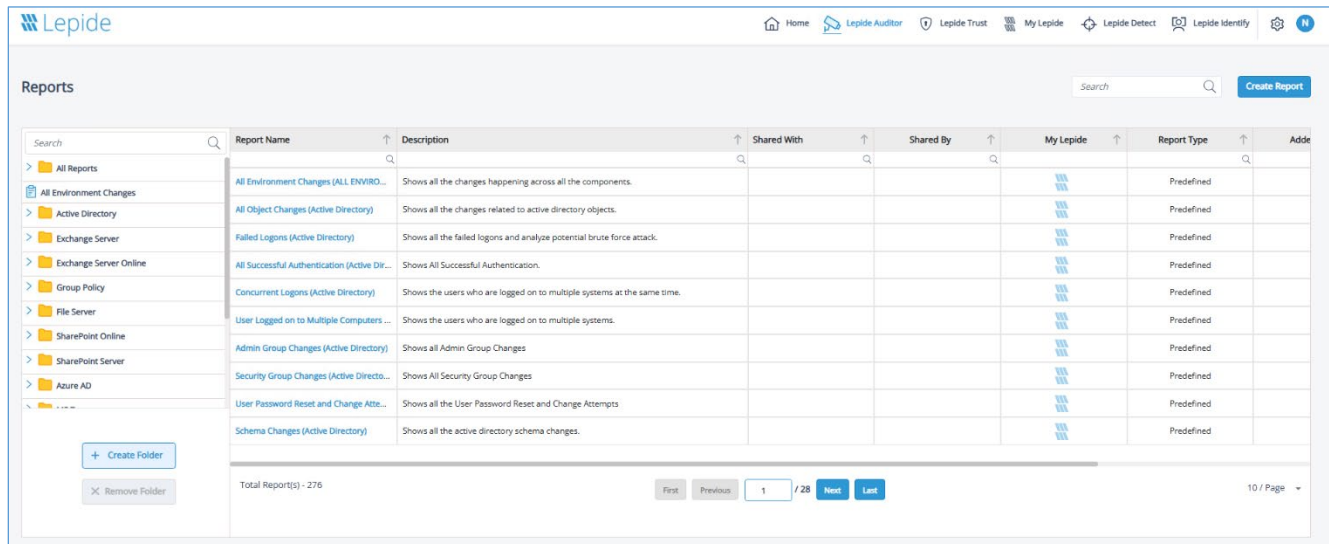
## 10.3 Running a Report

- From the top of the Dashboard screen, click on **Lepide Auditor** and choose **Reports**



**Figure 48: Menu Options**

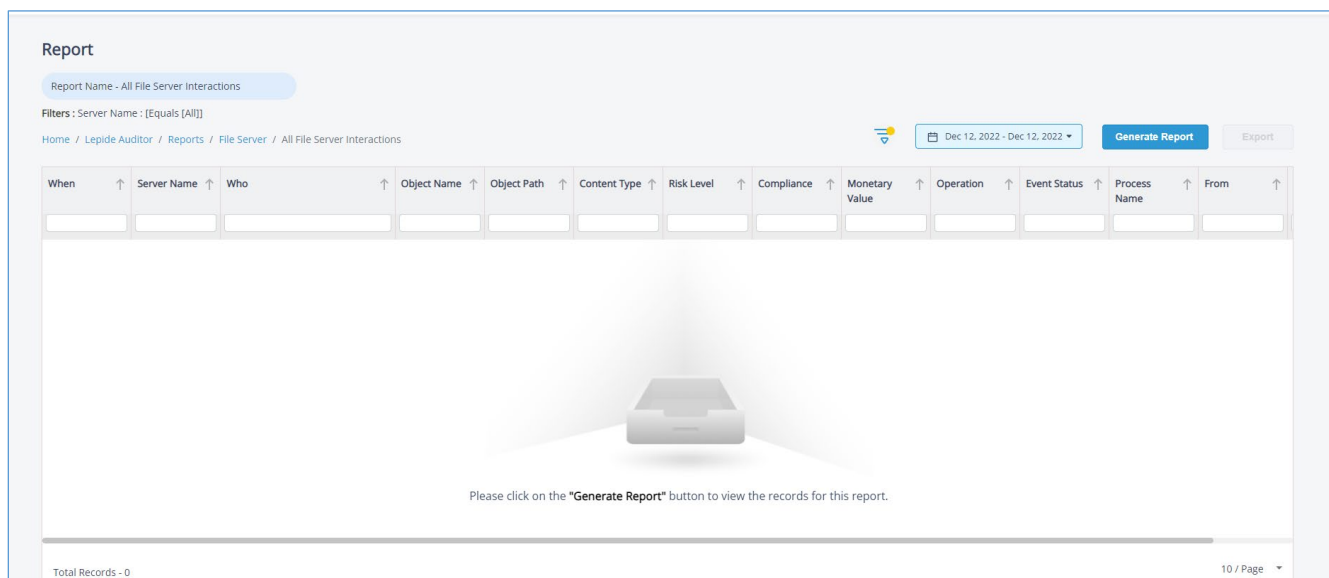
The Reports Window is displayed:



**Figure 49: Reports Window**

Here all reports available within Lepide Auditor are displayed.

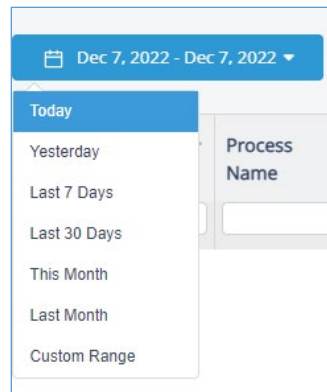
- To see the reports within a folder, click the folder name – for example **File Server**
- To view a particular report, click the report name. In this example the **All File Server Interactions Report** has been selected:



**Figure 50: All File Server Interactions Report**

### 10.3.1 Specify a Date Range

- From the top of the screen, click on the date to choose a date range from the list



**Figure 51: Date Range Filter**

- Select a date range from the list
- Click the **Generate Report** button to run the report for the specified time period

Report Name - All File Server Interactions

Filters: Server Name: [Equals [All]]

Home / Lepide Auditor / Reports / File Server / All File Server Interactions

Nov 30, 2021 20:09:58 - Dec 7, 2022 20:09:58

**Generate Report** **Export**

When	Server Name	Who	Object Name	Object Path	Content Type	Risk Level	Compliance	Monetary Value	Operation	Event Status	Process Name	From	What
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Switches.xlsx	E:\MulticorpTe...	Switch Name	469	Organization Inf...	\$ 1379	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	459565496.bmp	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	67949.bmp	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Advertising bud...	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Client portfolio...	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Confidential.pdf	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Read	Allowed	System	192.168.20.197...	File Read- E:\M...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Confidential.pdf	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Read- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Customer conta...	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Read	Allowed	System	192.168.20.197...	File Read- E:\M...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Customer list.p...	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...
14-10-2022 04:3...	192.168.20.193	MULTICORPAd...	Email lists.txt	E:\MulticorpTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...	File Copied- Fro...

Total Records - 3763

First Previous 1 / 377 Next Last

10 / Page

**Figure 52: Generated File Server Interactions Report**



## 11 Sorting a Report

Reports can be sorted by clicking the arrow next to the column heading. When clicked, the arrow changes to blue and shows in the direction of the sort.

Here the Operation has been sorted ascending (a-z) by Operation:

Monetary Value	Operation	Event Status	P
A	File Copied	Allowed	S
A	File Copied	Allowed	S
A	File Copied	Allowed	S
A	File Copied	Allowed	S
A	File Copied	Allowed	S
A	File Copied	Allowed	S
A	File Read	Allowed	S
A	File Read	Allowed	S

**Figure 53: Sorting a Report**

- Click the arrow again to sort descending (z-a)

## 12 Applying a Filter to a Report

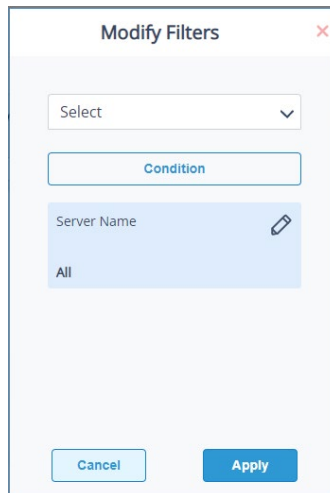
There are two ways to apply filters using the Lepide Web Console and these are explained below:

### 12.1 Applying a Filter using the Filter Icon

- To apply a filter to the report, click the **Filter** icon:

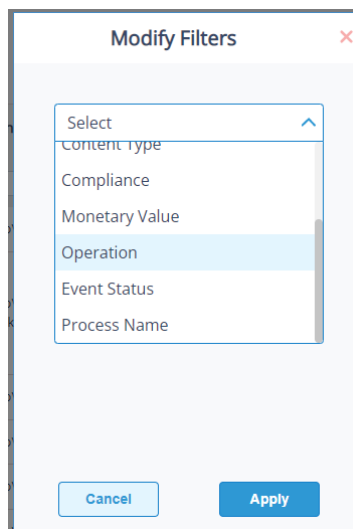


The Modify Filters dialog box is displayed:



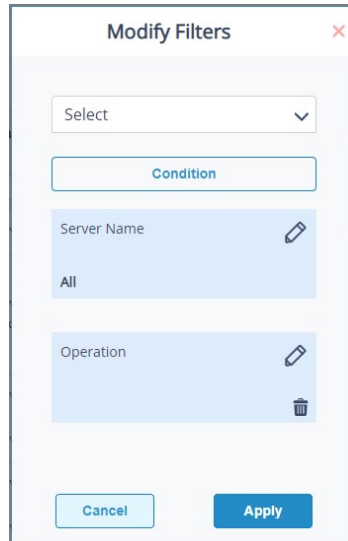
**Figure 54: Modify Filters**

- Click the **Select** drop down list to choose the column to filter by. In this example we will choose **Operation**




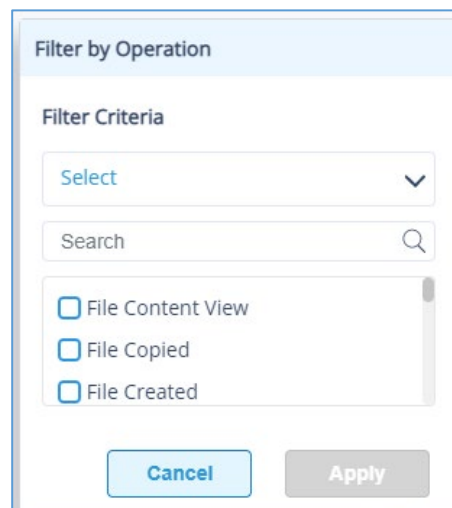
**Figure 55: Choose a Column to Filter By**

**Operation** now appears in the dialog box with blue highlight:



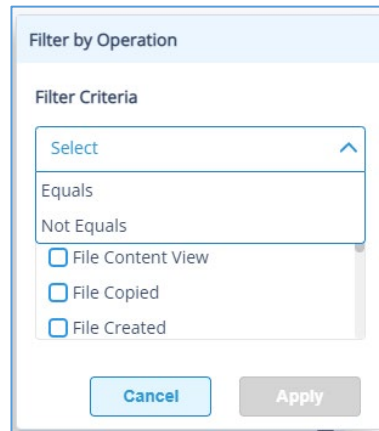
**Figure 56: Filter Shows with Blue Highlight**

- Click the **Edit Filter** icon  next to the relevant column name (highlighted blue)

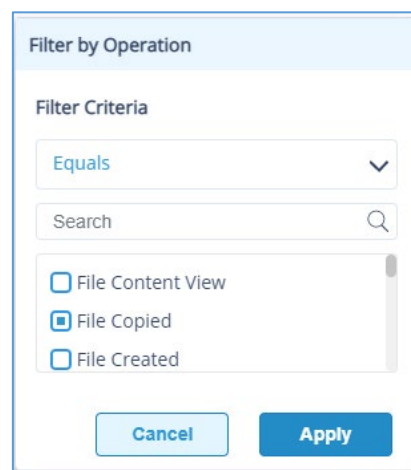


**Figure 57: Filter Criteria**

- Click the **Select** drop down and choose from the criteria options available. In this example, we are filtering by Operation and so can choose between **Equals** or **Not Equals**:



**Figure 58: Filter Condition**



**Figure 59: Select the Column(s) to Filter By**

- Choose the column(s) you want to filter by. In this example, we will filter by **File Copied**
- Click **Apply**
- Click Generate Report

The report will run and will display the filtered data

Filters : Server Name : [Equals [All]] AND Operation : [Equals [File Copied]]

Home / Lepide Auditor / Reports / File Server / All File Server Interactions

May 1, 2022 23:58:22 - Dec 2, 2022 02:58:22

Generate Report

Export

When	Server Name	Who	Object Name	Object Path	Content Type	Risk Level	Compliance	Monetary Value	Operation	Event Status	Process Name	From
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Switches.xlsx	E:\MulticorpiTe...	Switch Name	469	Organization Inf...	\$ 1379	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	459565496.bmp	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	67949.bmp	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Advertising bud...	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Client portfolio...	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Confidential.pdf	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Customer list.p...	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Email lists.txt	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Expenses.xlsx	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Legal.txt	E:\MulticorpiTe...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...

Total Records - 719

First

Previous

1

/ 72

Next

Last

10 / Page

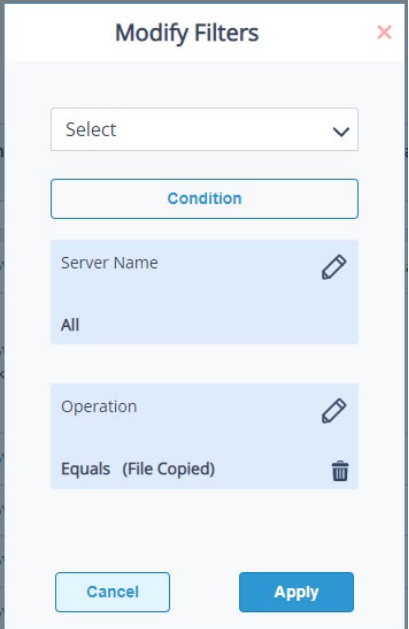
Figure 60: File Server Interactions Report with Filter

In the example above, a filter for File Copied has been applied and the details of this filter are shown at the top of the screen:


Filters : Server Name : [Equals [All]] AND Operation : [Equals [File Copied]]
---

Figure 61: Details of the Filter Applied

- To change the filter, click again on the Filter icon  and the Modify Filters dialog box is displayed:



**Figure 62: Edit a Filter**

- Make the changes as required, then as before, click **Apply** and then **Generate Report**
- To delete a filter, from the Modify Filters dialog box click the  icon.

## 12.2 Applying a Filter Using the Column Headings

Filters can be added by typing directly into the column heading. As you type, the report will display the filtered data.

**Report**

Report Name - All File Server Interactions

Filters : Server Name : [Equals [All]]

Home / Lepide Auditor / Reports / File Server / All File Server Interactions

May 1, 2022 16:19:41 - Dec 9, 2022 17:19:41 Generate Report Export

When	Server Name	Who	Object Name	Object Path	Content Type	Risk Level	Compliance	Monetary Value	Operation	Event Status	Process Name	From
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Web designs.pdf	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Target custome...	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Social media list...	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	RXV.pdf	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Projects.xlsx	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...
14-10-2022 04:3...	192.168.20.193	MULTICORP\Administrator	Product designs...	E:\Multicorp\Te...	No Sensitive Co...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.197...

Total Records - 2746

First Previous 1 / 275 Next Last 10 / Page

**Figure 63: Filter Applied Using Colum Heading**

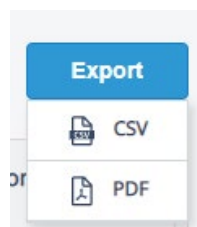
In the example above, '**File Copied**' has been typed into the **Operation** column to filter by **File Copied**

## 13 Exporting a Report

Reports can be exported to CSV and PDF file formats. Exporting to CSV will be instant whereas the PDF option will take longer as it has the formatting to export.

To export a report:

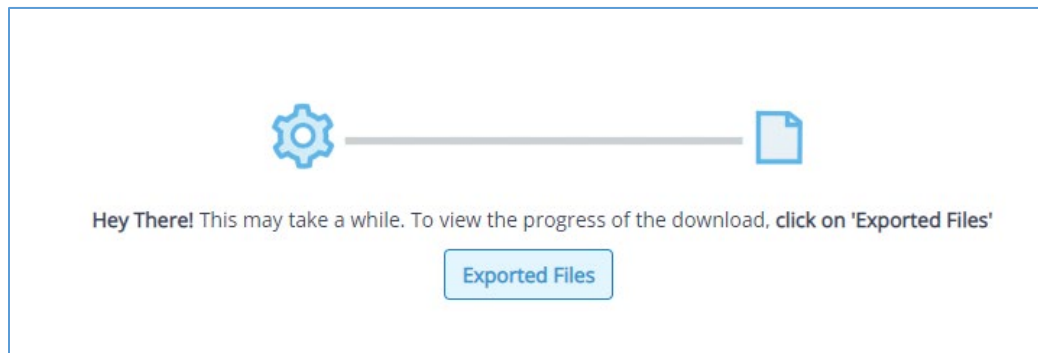
From the Reports screen, click the **Export** button



**Figure 64: Export Options**

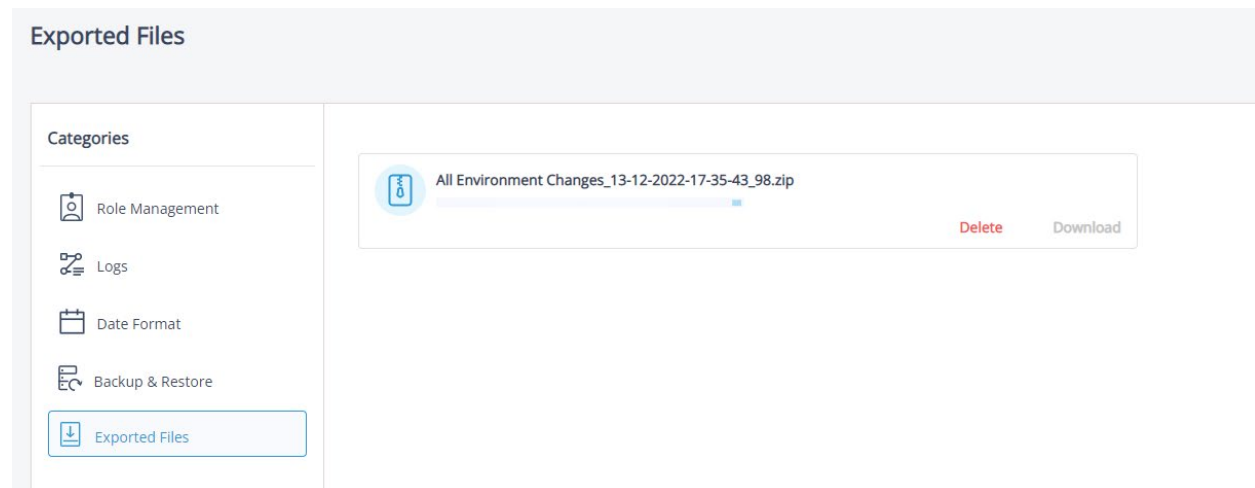
- Choose either **CSV** or **PDF** from the menu

A message is displayed:



**Figure 65: Export to PDF Message**

- Click on the **Exported Files** button to see the progress of the export and to see the exported file once the process is complete

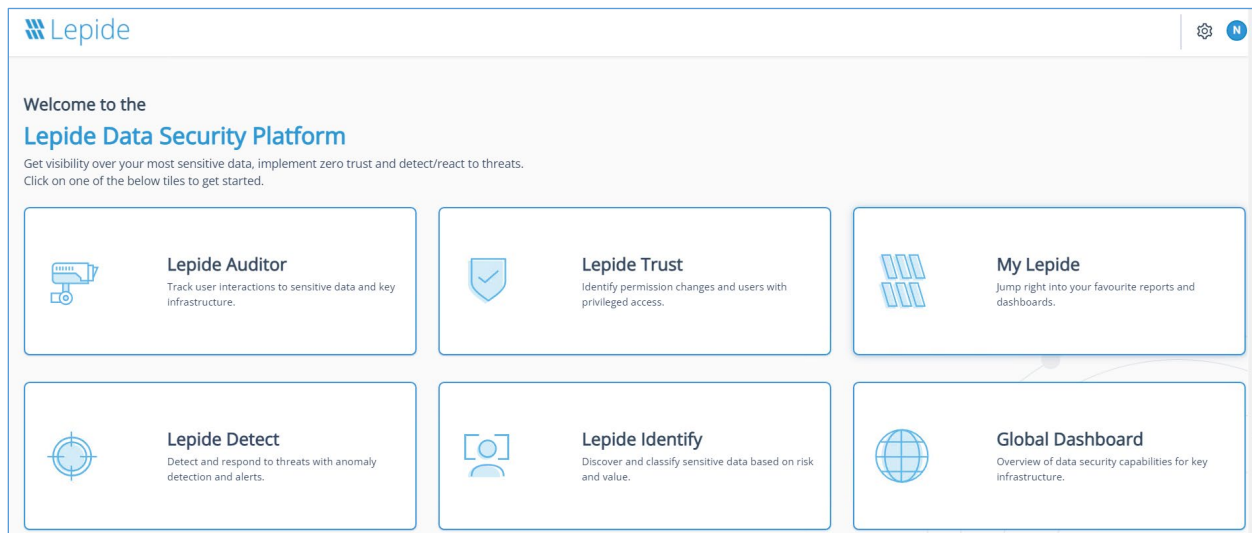


**Figure 66: Exported Files**



## 14 Adding Reports to My Lepide

The **My Lepide Dashboard** on the home screen lists any reports and dashboards that you have added to **My Lepide**, providing an easy way to find and run the reports you use frequently. Any report can be added to **My Lepide** whether it is a predefined report or a custom report.



**Figure 67: Home Screen**

To add a Report to **My Lepide**:


- From the Home Screen, choose a Lepide Category, for example, **Lepide Auditor**
- The Lepide Auditor Dashboard screen is displayed
- From the top of the screen, choose a category, for example, **Lepide Auditor** and select **Reports**

The Reports screen is displayed:

Report Name	Description	Shared With	Shared By	My Lepide	Report Type	Added By	Added On	Actions
All Object Changes	Shows all the changes r...				Predefined			
Failed Logons	Shows all the failed log...				Predefined			
Successful User Logon/...	Shows all the successfu...				Predefined			
Concurrent Logons	Shows the users who ar...				Predefined			
User Logged on to Multi...	Shows the users who ar...				Predefined			
Admin Group Changes	Shows all the changes ...				Predefined			
Security Group Changes	Shows all the changes ...				Predefined			
User Password Reset a...	Shows all the password...	jili	paul		Predefined			
Schema Changes	Shows all the active dir...				Predefined			
Permission Changes	Shows all the permissio...				Predefined			

**Figure 68: Reports Screen**

- Find the report you want to save to **My Lepide**

- Click the  icon in the My Lepide column to add the report to the My Lepide Dashboard

Report Name	Description	Shared With	Shared By	My Lepide	Report Type	Added By	Added On	Actions
All Environment Changes	Shows all the chang...				Predefined			
All Object Changes	Shows all the chang...				Predefined			
Failed Logons	Shows all the failed ...				Predefined			
Successful User Logon/Logoffs	Shows all the succe...				Predefined			
Concurrent Logons	Shows the users wh...				Predefined			
User Logged on to Multiple Computers	Shows the users wh...				Predefined			

**Figure 69: Report Added to My Lepide**

In the above example, the **Failed Logons Report** has been added to **My Lepide**. This can be seen as the icon has changed to dark blue.

- Repeat this for all reports you want to be available from **My Lepide**

Now your report(s) will be displayed when you choose **My Lepide** from the menu bar at the top of the **Reports** Screen or from the option on the **Home** screen

Reports <span>Search</span>						
> All Reports	Report Name	Description	Shared By	Added On	Actions	
> Active Directory	Failed Logons	Shows all the failed logons and analyze pote...	N/A	08-12-2022 07:10:04 PM		

Figure 70: My Lepide Dashboard

## 15 Creating a Customized Report

Custom reports can be created so that you can choose the columns you want to see and the filters you need.

To create a custom report:

- From the **Home** screen, choose a Lepide Category, for example, Lepide Auditor

The Dashboards screen is displayed

- From the top of the screen, click on a Lepide Category, for example, Lepide Auditor and choose Reports

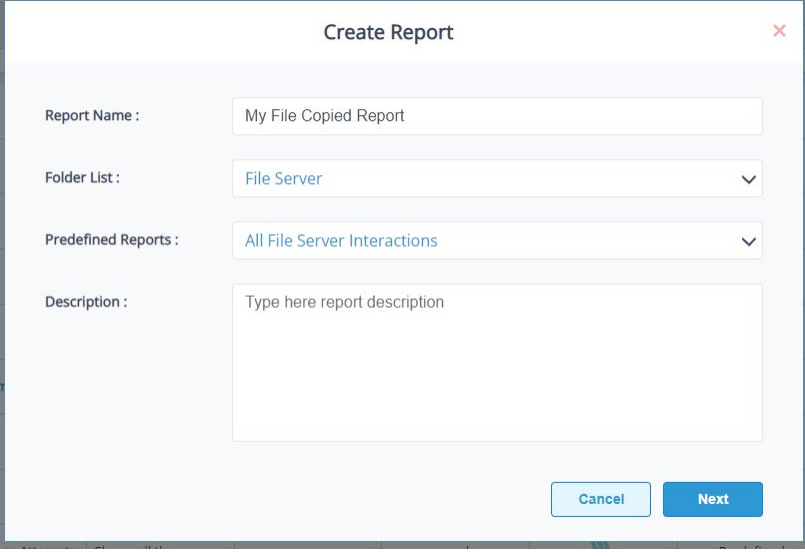
The Reports Window will be displayed:

- To create a report, click the **Create Report** button

Reports <span>Search</span> <span>Create Report</span>									
Search	Report Name	Description	Shared With	Shared By	My Lepide	Report Type	Added By	Added On	Actions
> All Reports	All Object Changes	Shows all the changes r...				Predefined			
> All Environment Changes	Failed Logons	Shows all the failed log...				Predefined			
> Active Directory	Successful User Logon/...	Shows all the successfu...				Predefined			
> Exchange Server	Concurrent Logons	Shows the users who ar...				Predefined			
> Exchange Server Online	User Logged on to Mult...	Shows the users who ar...				Predefined			
> Group Policy	Admin Group Changes	Shows all the changes ...				Predefined			
> File Server	Security Group Changes	Shows all the changes ...				Predefined			
> SharePoint Online	User Password Reset a...	Shows all the password...	jiji	paul		Predefined			
> Azure AD	Schema Changes	Shows all the active dir...				Predefined			
> MS Teams	Permission Changes	Shows all the permisso...				Predefined			
Total Report(s) - 10									
<span>First</span> <span>Previous</span> <span>1</span> / 1 <span>Next</span> <span>Last</span>									
10 / Page									

Figure 71: Reports Screen

The Create Report dialog box is displayed:

A screenshot of a 'Create Report' dialog box. The dialog has a title bar with 'Create Report' and a close button. Inside, there are four fields: 'Report Name' with the text 'My File Copied Report', 'Folder List' with a dropdown menu showing 'File Server', 'Predefined Reports' with a dropdown menu showing 'All File Server Interactions', and 'Description' with a text area containing the placeholder 'Type here report description'. At the bottom right, there are two buttons: 'Cancel' and 'Next'.

**Figure 72: Create Report**

- Enter a Report Name
- Select from **Folder List** the Folder you want the report to be stored in
- Select from **Predefined Reports** the Predefined Report that this new report is to be based on
- Add an optional **Description**
- Click **Next**

← Back

Run Report Discard Save

My File Copied Report

Filter Columns

Select

When Server Name Who Object Name Object Path Content Type Risk Level Compliance Monetary Value Operation Event Status Process Name From What

When

Server Name

Who

Object Name

Object Path

Content Type

Risk Level

Compliance

Monetary Value

Operation

Event Status

**Figure 73: Report Editor Screen**

The **Report Editor** screen is displayed with the report name at the top

The columns are those used in the predefined report (selected previously in the Create Report dialog box) which this custom report will be based on.

To the top left of the screen are two Tabs: Filter and Columns


With the Columns Tab selected there are column headings at the top and to the side of the screen. The column headings at the side can be used to **remove columns** by clicking the x icon and **change the order** of columns by dragging them to a new position.

In this report example, the fields **When** and **Server** Name cannot be removed as they are integral to the running of the report.

- To reinstate a previously deleted column name, click the **Select** drop down menu and choose the column name
- Click the **Filter** tab to add filters for the report. For more information setting a filter, please refer to Section 12 of this guide
- When finished, click **Save**. This will save any changes you've made to the columns or filters and you will return to the Reports screen
- Choose **Generate Report** to run the report

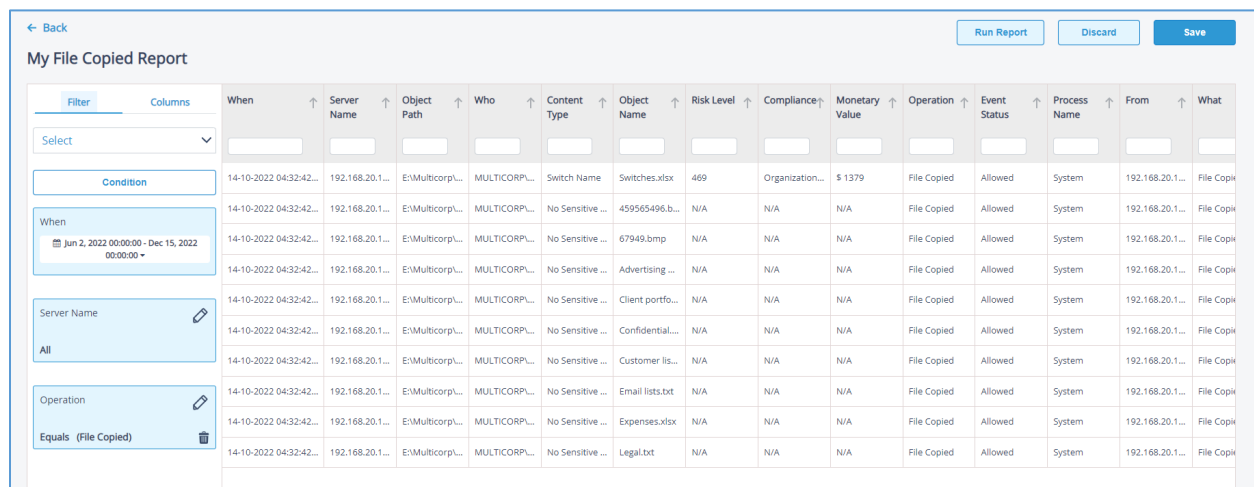
The report will be stored in the folder you specified in the Create Report dialog box and will be saved with all the customized options you chose previously

## 15.1 Edit a Customized Report

- To make changes to a customized report, click the Customize Report icon  (next to the Filter icon)

This takes you to the Report Editor screen

This will show your customized report with the columns and filters you specified previously



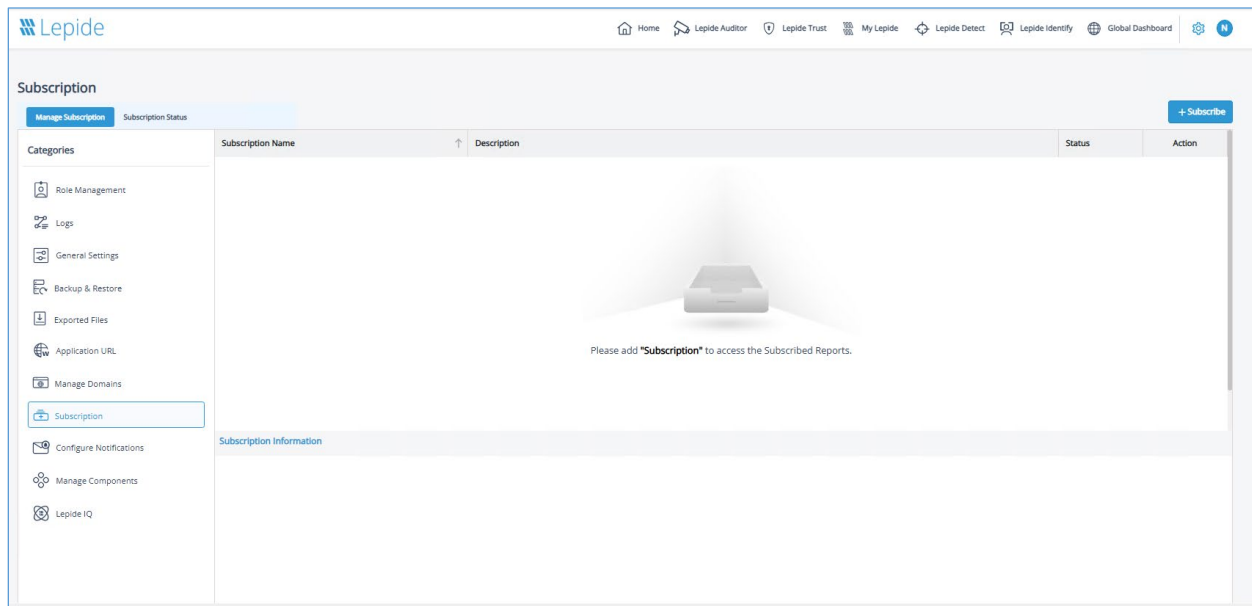
When	Server Name	Object Path	Who	Content Type	Object Name	Risk Level	Compliance	Monetary Value	Operation	Event Status	Process Name	From	What
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	Switch Name	Switches.xlsx	469	Organization...	\$ 1379	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	459565496.b...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	67949.bmp	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Advertising ...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Client portfo...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Confidential...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Customer lis...	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Email lists.txt	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Expenses.xlsx	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi
14-10-2022 04:32:42...	192.168.20.1...	E:\Multicorp\...	MULTICORP...	No Sensitive ...	Legal.txt	N/A	N/A	N/A	File Copied	Allowed	System	192.168.20.1...	File Copi

**Figure 74: Edit a Customized Report**

- Make changes as required
- Click **Save** when finished

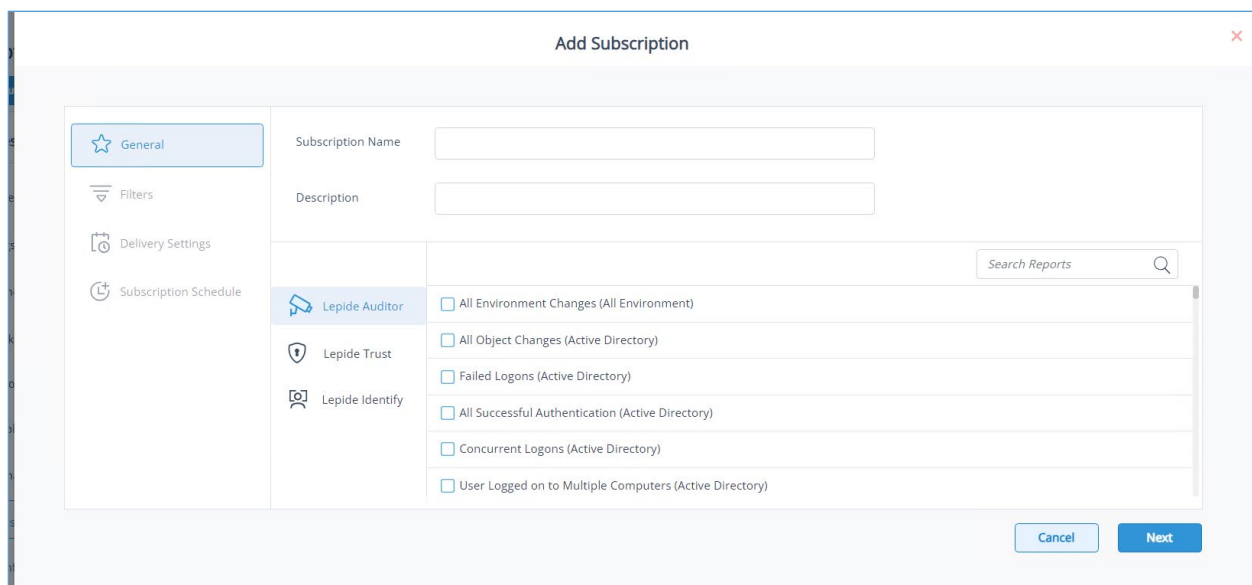
## 16 Subscription

Subscribing to a report enables the automated, regular execution of the report, eliminating the need to manually run it each time.



**Figure 75: Subscription**

- To add a subscription, from the Admin Console, click the **Subscribe** button
- The **Add Subscription** wizard will start:



**Figure 76: Add Subscription - General**

- Add the **Subscription Name** and **Description**
- Select the reports to subscribe to:
  - To search for reports, click in the **Search Reports** box and type all or part of the report name to see a list of relevant reports:

The screenshot shows the 'Add Subscription' dialog box. On the left is a sidebar with four tabs: 'General' (active), 'Filters', 'Delivery Settings', and 'Subscription Schedule'. The main content area has two input fields at the top: 'Subscription Name' and 'Description'. Below these is a 'Search Reports' box with the text 'all' and a search icon. A list of reports is shown, grouped by category: 'Lepide Auditor' (with a magnifying glass icon), 'Lepide Trust' (with a shield icon), and 'Lepide Identify' (with a person icon). Each category has a list of reports with checkboxes. The 'Lepide Auditor' category is selected, showing reports like 'All Environment Changes (All Environment)', 'All Object Changes (Active Directory)', 'All Successful Authentication (Active Directory)', 'All Exchange Online Changes (Exchange Server Online)', 'All Exchange Server Permission Changes (Exchange Server)', and 'All Exchange Server Permission Changes Online (Exchange Server Online)'. At the bottom right are 'Cancel' and 'Next' buttons.

**Figure 77: Search Reports**

- To see the reports for each Lepide category, select either **Lepide Auditor**, **Lepide Trust** or **Lepide Identify**:



The screenshot shows the 'Add Subscription' window with a sidebar on the left containing 'General', 'Filters', 'Delivery Settings', and 'Subscription Schedule'. The 'General' tab is active. The main area has fields for 'Subscription Name' and 'Description'. Below these is a section for selecting reports, with a search bar labeled 'Search Reports'. Under the 'Lepide Trust' category, several reports are listed with checkboxes: 'Admin Group Changes (Active Directory)', 'Security Group Changes (Active Directory)', 'Permission Changes (Active Directory)', 'All Exchange Server Permission Changes (Exchange Server)', 'All Exchange Server Permission Changes Online (Exchange Server Online)', and 'Exchange Group Changes (Exchange Server Online)'. At the bottom right are 'Cancel' and 'Next' buttons.

**Figure 78: Select Lepide Category**

- Once one or more reports have been selected, click **Next**

The Filters window is displayed:

The screenshot shows the 'Add Subscription' window with the 'Filters' tab selected in the sidebar. The main area is divided into 'Reports' and 'Filters' sections. The 'Reports' section shows 'All Environment Changes' selected. The 'Filters' section is empty. An 'Add Filter' button is in the top right of the 'Filters' section. At the bottom right are 'Cancel', 'Back', and 'Next' buttons.

**Figure 79: Add Subscription - Filter**

- Click **Add Filter** to add a filter for the selected report:

The screenshot shows the 'Add Subscription' window with the 'Filters' tab selected. The left sidebar contains 'General', 'Filters', 'Delivery Settings', and 'Subscription Schedule'. The 'Reports' section shows 'All Environment Changes'. The 'Filters' section has an 'Add Filter' button and two filter entries: 'Component Name' with 'Equal' and 'Active Directory', and 'Select' with 'Select' and an empty value field. At the bottom are 'Cancel', 'Back', and 'Next' buttons.

**Figure 80: Add Filter**

- Click **Next**

The Delivery Settings window is displayed:

The screenshot shows the 'Add Subscription' window with the 'Delivery Settings' tab selected. The left sidebar contains 'General', 'Filters', 'Delivery Settings', and 'Subscription Schedule'. The 'Delivery Settings' section has fields for 'From', 'To', 'Report Format', and 'Save path', along with an 'Add Action' button. At the bottom are 'Cancel', 'Back', and 'Next' buttons.

**Figure 81: Delivery Settings**

To specify the settings for how the reports should be delivered:

- Click **Add Action**

The Configure Report Delivery Action window is displayed:

Configure Report Delivery Action

Delivery mechanism: Send Email

Sender's Email Account: Dan Add New Email Account

Recipient's Email:

Separate multiple email by ","

Report Format: ☒ CSV ☐ PDF

Cancel Done

**Figure 82: Configure Report Delivery Action**

Add the following details:

Delivery mechanism: Select either **Send Email** or **Save Report on Disk**.

If **Save Report on Disk** is selected, the path where the reports will be saved is displayed and the Report Format of CSV or PDF can be selected. If **Send Email** is selected, then the email options are displayed as follows:

Sender's Email Account: Select the email address from the drop-down list or click **Add New Email Account** to add a new email address

Recipient's Email: Type the recipient's email address into the text box. Separate multiple emails with a ','.

Select the Report Format of either CSV or PDF

- Click **Done** when finished

- Click **Next**

The Subscription Schedule window is displayed:

The screenshot shows the 'Add Subscription' dialog box. On the left is a sidebar with four options: 'General' (star icon), 'Filters' (funnel icon), 'Delivery Settings' (calendar icon), and 'Subscription Schedule' (clock icon, which is highlighted). The main content area features a table with four columns: 'Type', 'Selection', 'Start Time', and 'Duration'. To the right of this table are three buttons: 'Monthly' (calendar icon), 'Weekly' (calendar icon), and 'Daily' (clock icon). Below the table, there is a checkbox labeled 'Process subscription remotely', followed by the text 'Select Agent Server' and a dropdown menu with 'Select' and a downward arrow. To the right of the dropdown is an 'Add Agent' button. At the bottom right of the dialog are three buttons: 'Cancel', 'Back', and 'Done'.

**Figure 83: Subscription Schedule**

- Click one of the schedule buttons to add either a **Monthly**, **Weekly** or **Daily Schedule**
- Select **Process subscription remotely** if required
- Select an **Agent Server** from the drop-down list or choose **Add Agent** to add a new Agent
- Click **Done** when finished and the Subscription will be saved

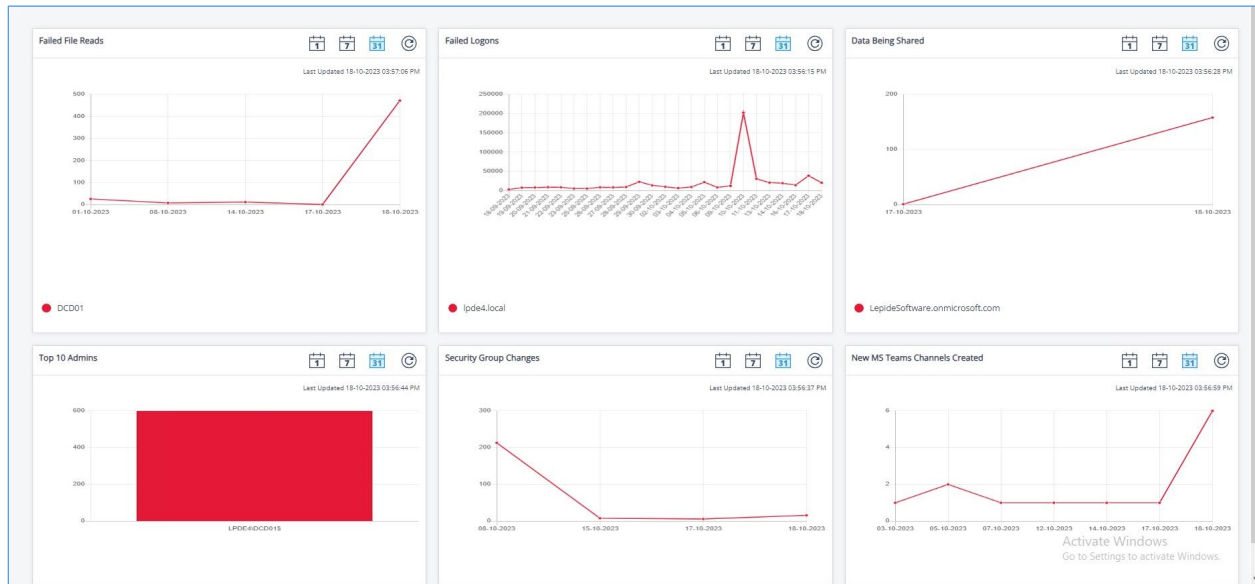
## 17 Creating a Customized Dashboard

Dashboards can be customized so that you can choose exactly which graphs you want to see, giving you an immediate visual representation of your data.

You can create customized dashboards for Lepide Auditor, Lepide Trust and Lepide Identify. In this example, we will create a dashboard for Lepide Auditor:

- From the Home Screen, click on Lepide Auditor

The Lepide Auditor Dashboards will be displayed:



**Figure 84: Lepide Auditor Dashboards**

- Click on the **Manage Dashboard** button (top right of the screen)
- A list of all dashboards will be displayed:

**Dashboards**

Search  [Create Dashboard](#)

Dashboard Name	Description	My Lepide	Added On	Actions
File Activity		100%	06-06-2023 04:05:36 PM	<a href="#">View</a>
sales team		100%	17-05-2023 06:37:49 PM	<a href="#">View</a>
Lepide Auditor		100%	17-05-2023 06:37:01 PM	<a href="#">View</a>

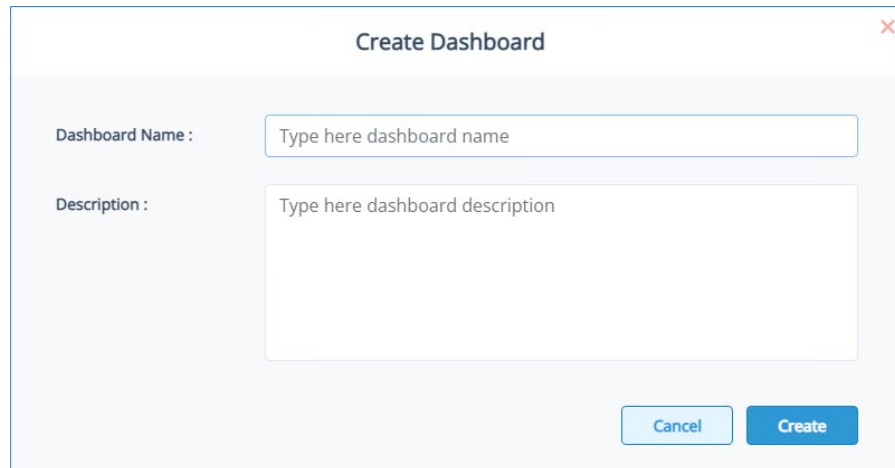
Total Dashboard(s) - 3

First Previous 1 / 1 Next Last

10 / Page

**Figure 85: List of Dashboards**

- Click on the **Create Dashboard** button
- The Create Dashboard dialog box will be displayed:

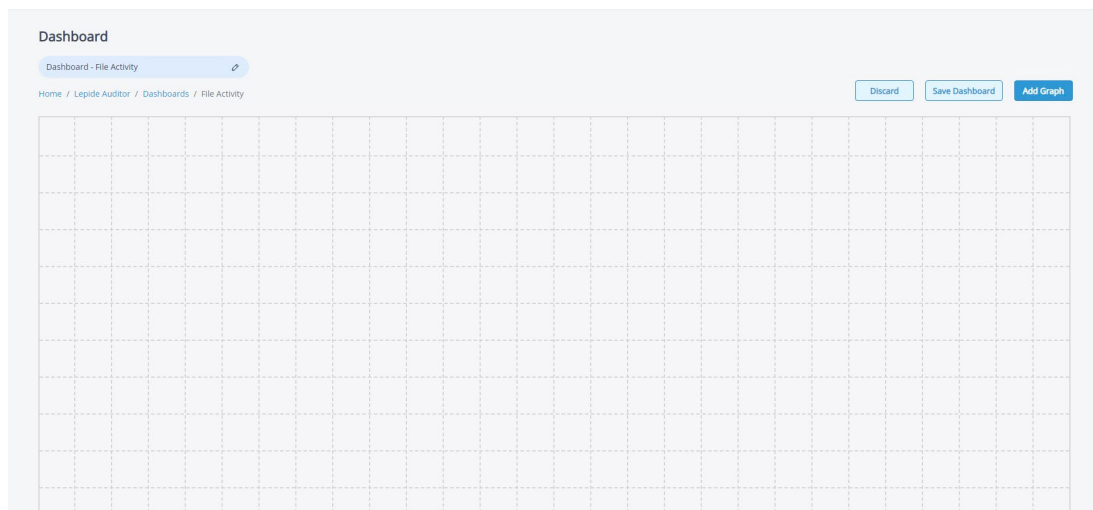


The image shows a 'Create Dashboard' dialog box. It has a title bar with a close button (X). Inside, there are two input fields: 'Dashboard Name' with a placeholder 'Type here dashboard name' and 'Description' with a placeholder 'Type here dashboard description'. At the bottom right, there are two buttons: 'Cancel' and 'Create'.

**Figure 86: Create Dashboard**

- Add a **Name** and **Description** for the dashboard
- Click **Create**

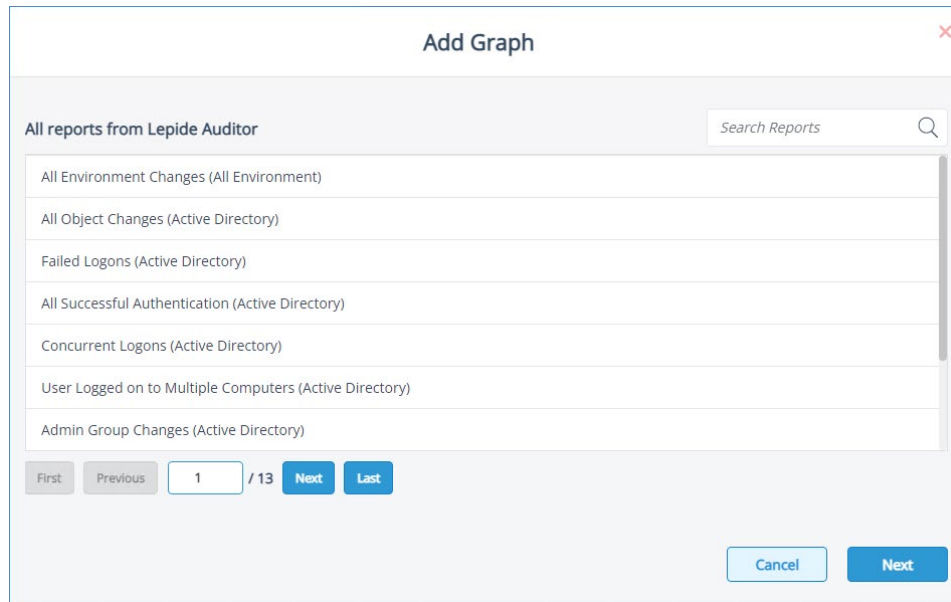
The Dashboard screen is displayed with the Dashboard name at the top:



The image shows the 'Dashboard' screen. At the top, there is a header 'Dashboard' and a sub-header 'Dashboard - File Activity' with a share icon. Below this is a breadcrumb trail: 'Home / Lepide Auditor / Dashboards / File Activity'. On the right side, there are three buttons: 'Discard', 'Save Dashboard', and 'Add Graph'. The main area of the dashboard is a large grid of dashed lines, intended for adding graphs or widgets.

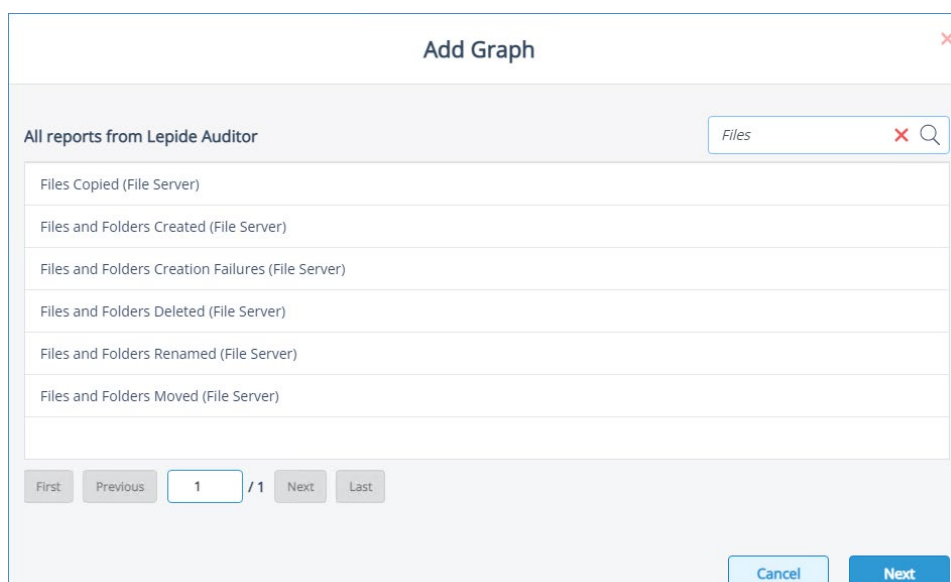
**Figure 87: Dashboard Screen**

- Click **Add Graph**



**Figure 88: Add Graph**

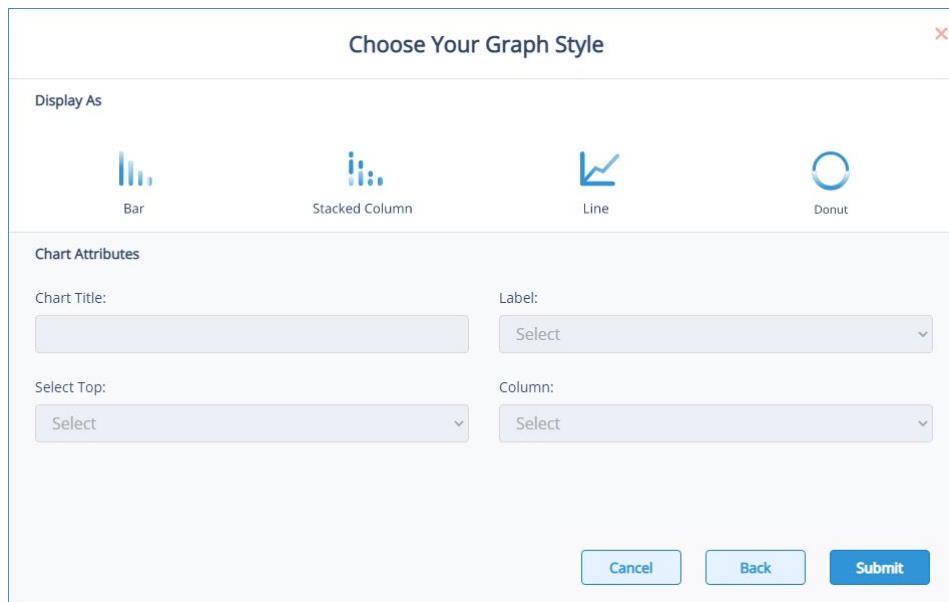
- A list of all reports from Lepide Auditor is displayed and this list includes both pre-defined and customized reports.
- Scroll down or click the First/Last/Previous/Next buttons to move through the list of reports. If you know the name or part of the name of the report, type the name into Search Reports and a filtered list of reports will be displayed:



**Figure 89: Filtered List of Reports**

- In the example above, 'Files' has been entered into the search box so a list of reports starting with 'Files' is listed.
- Choose the report want to include in your dashboard and click **Next**

The Choose Your Graph Style dialog box is displayed:

The dialog box is titled "Choose Your Graph Style" and has a close button (X) in the top right corner. It is divided into two main sections. The top section, labeled "Display As", contains four icons representing different chart types: Bar, Stacked Column, Line, and Donut. The bottom section, labeled "Chart Attributes", contains four input fields: "Chart Title:" (a text box), "Label:" (a dropdown menu with "Select" as the current option), "Select Top:" (a dropdown menu with "Select" as the current option), and "Column:" (a dropdown menu with "Select" as the current option). At the bottom right of the dialog box are three buttons: "Cancel", "Back", and "Submit".

**Figure 90: Choose Your Graph Style**

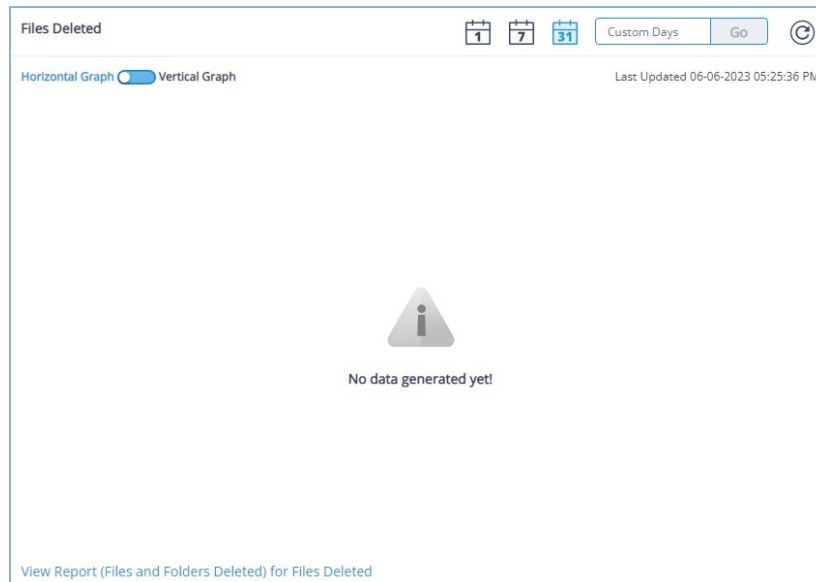
From this dialog box select from the following options:

- Choose the type of graph you require from Bar, Stacked Column, Line and Donut
- **Chart Title:** add a title which will appear at the top of the chart
- **Label:** select a label which will be a field name from the selected report
- **Select Top:** This is the number of records to be displayed
- **Column:** This is not applicable for this example as it applies to Lepide Identify only
- Click Submit

The graph will be displayed as a box on the grid with no data displayed yet

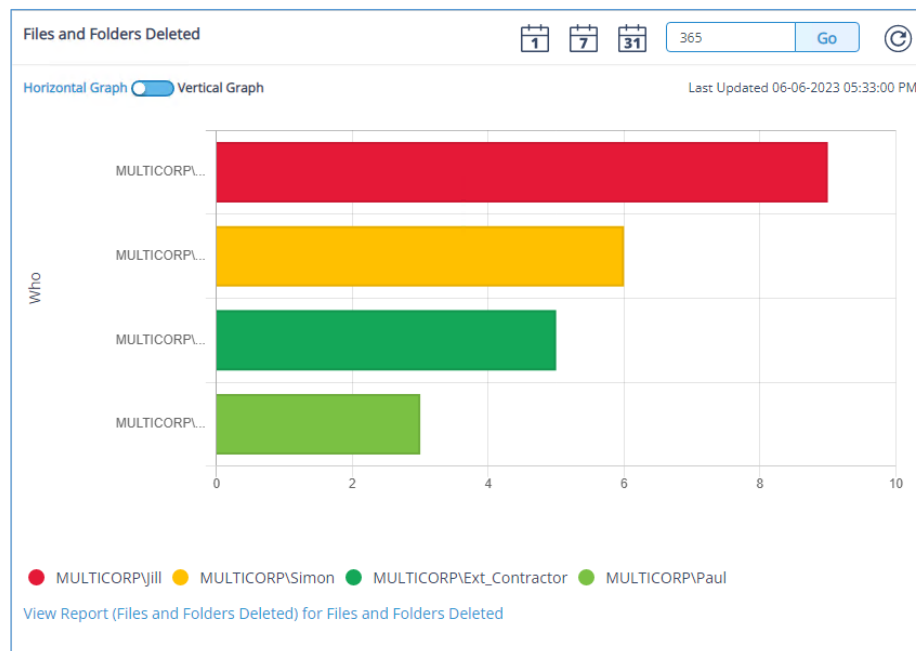
- Click **Save Dashboard**





**Figure 92: Saved Chart**

- Once saved, you can click the Refresh icon  to refresh the data and the chart will be displayed:




**Figure 93: Files and Folders Deleted Chart**

- Repeat the above steps to add further charts to your dashboard

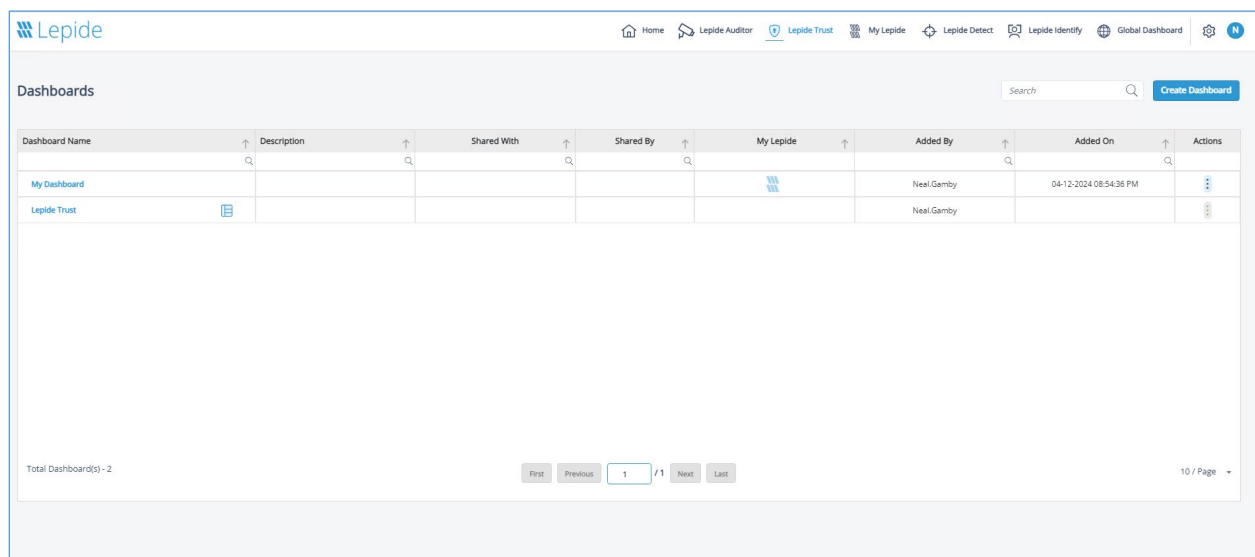
## 17.1 Editing a Customized Dashboard

To edit a Dashboard:


- from the Dashboards screen, select the dashboard that you want to edit and click the **Edit** button
- To edit a chart within the Dashboard, click the Edit Chart icon 
- This will display the Edit Graph dialog box. Change the options as required and click **Save**

## 17.2 Sharing a Dashboard

Customized dashboards can be shared and the steps to do this are as follows:



**Figure 94: Dashboards Window**

- From the Dashboards window, click the  icon in the Actions column next to the dashboard you want to share

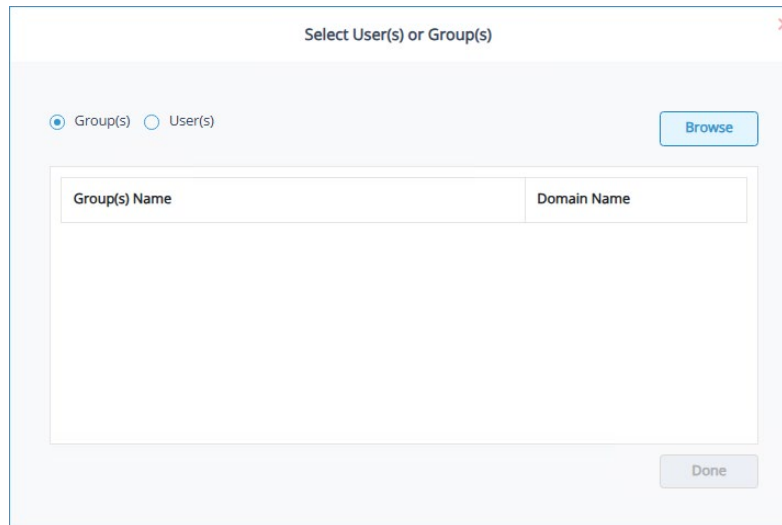
The following menu will be displayed:



**Figure 95: Dashboard Options Menu**

- Click the Share icon:  Share

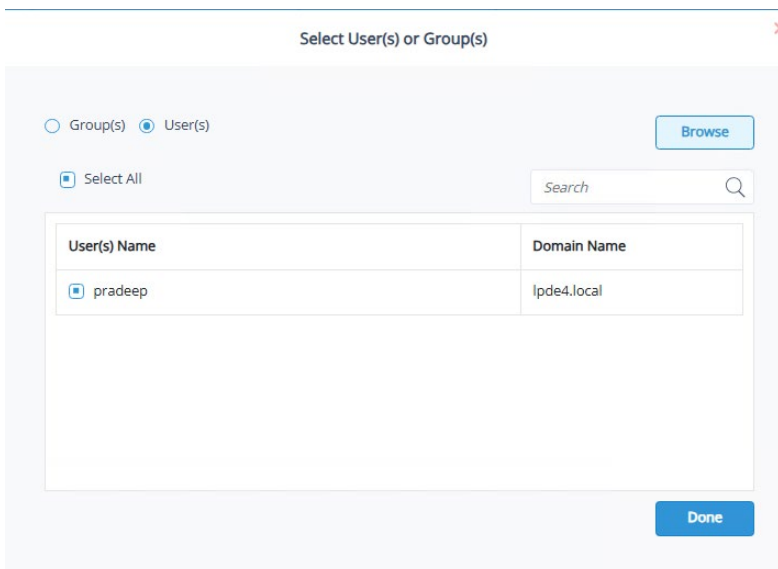
The Select Users or Groups dialog box is displayed:



The dialog box titled "Select User(s) or Group(s)" has a close button (X) in the top right corner. It contains two radio buttons: "Group(s)" (selected) and "User(s)". A "Browse" button is located to the right of the "User(s)" radio button. Below these is a table with two columns: "Group(s) Name" and "Domain Name". The table is currently empty. A "Done" button is located at the bottom right of the dialog box.

**Figure 96: Select Users or Groups**

- Select Groups or Users and click the Browse button to see a list of Groups or Users



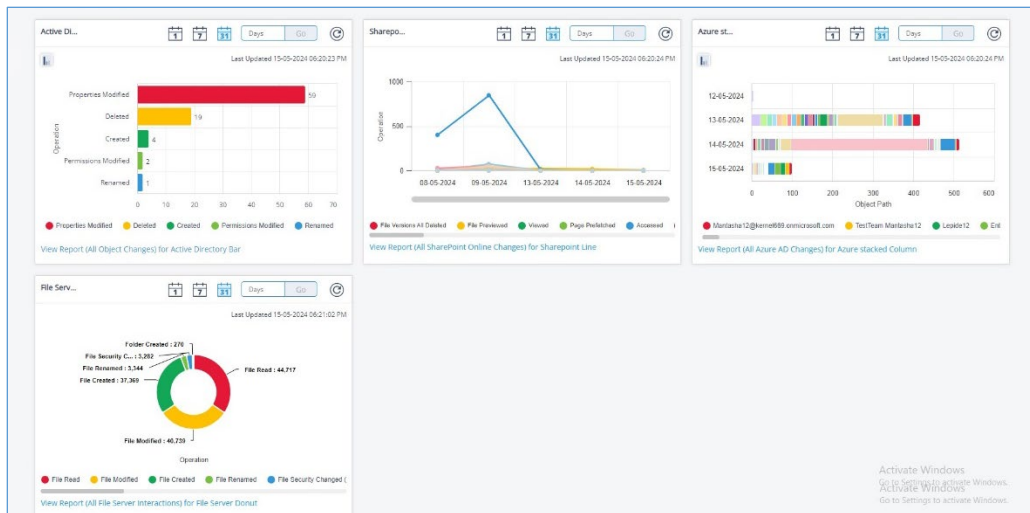
The dialog box titled "Select User(s) or Group(s)" has a close button (X) in the top right corner. It contains two radio buttons: "Group(s)" and "User(s)" (selected). A "Browse" button is located to the right of the "User(s)" radio button. Below these is a "Select All" checkbox and a search bar with the placeholder text "Search". Below the search bar is a table with two columns: "User(s) Name" and "Domain Name". The table contains one row with the user "pradeep" and domain "lpde4.local". A "Done" button is located at the bottom right of the dialog box.

**Figure 97: Select the Users or Groups to Share With**

- Select the names of the Users or Groups you want to share the Dashboard with
- Click **Done** when finished

## 17.3 Dashboard Examples

Here are some examples of the Dashboards available within the Lepide Web Console:



**Figure 98: Dashboard with Example Charts**

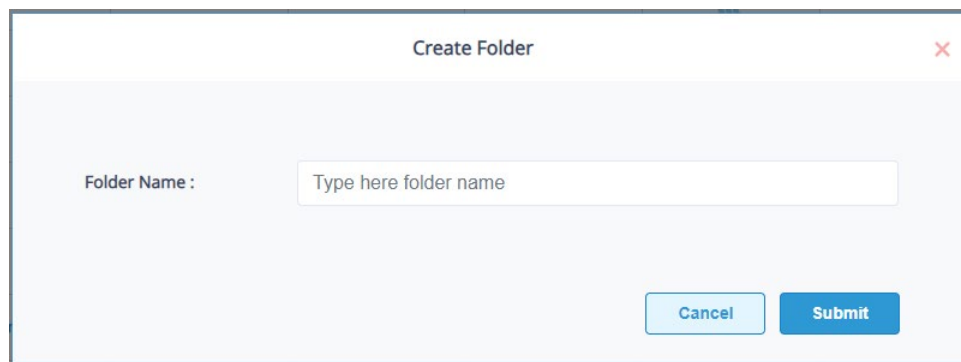
## 18 Creating a Custom Folder

Custom folders can be created in the Lepide Web Console providing an easy way to locate and run your frequently used reports.

To create a custom folder:

- From the Reports screen, select **Create Folder**

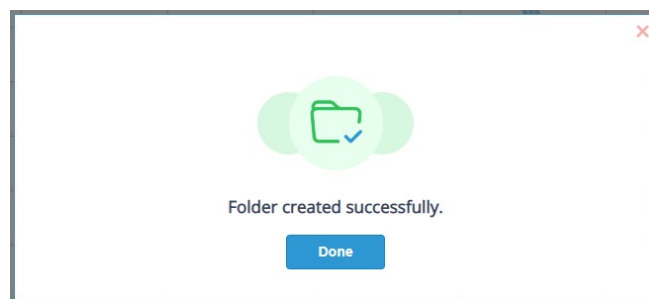
The Create Folder dialog box is displayed:

A screenshot of a 'Create Folder' dialog box. The dialog has a title bar with the text 'Create Folder' and a red close button. Inside, there is a label 'Folder Name :' followed by a text input field containing the placeholder text 'Type here folder name'. At the bottom right, there are two buttons: 'Cancel' and 'Submit'.

**Figure 99: Create Folder**

- Type a folder name and click **Submit**

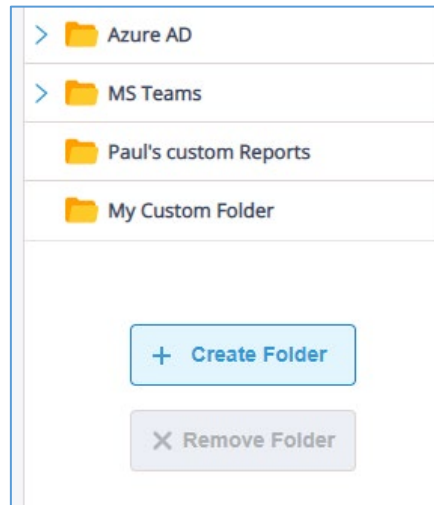
A message box appears showing the folder has been created successfully:



**Figure 100:Folder Created Successfully**

- Click **Done**

The custom folder will be displayed in the folder list on the left-hand side of the Reports Screen:




**Figure 101: Custom Folder in Folders List**

- Now when you create a customized report, you can save it in your custom folder

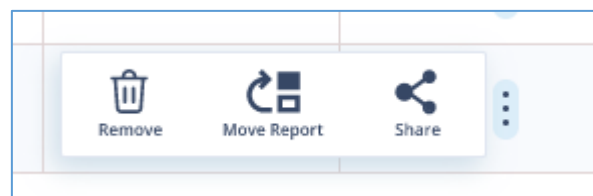
## 19 Remove, Move or Share a Report

Custom reports can be removed, moved or shared while predefined reports can be shared

### 19.1 To Remove a Custom Report

From the Reports screen, next to the report that you want to remove, click the  icon

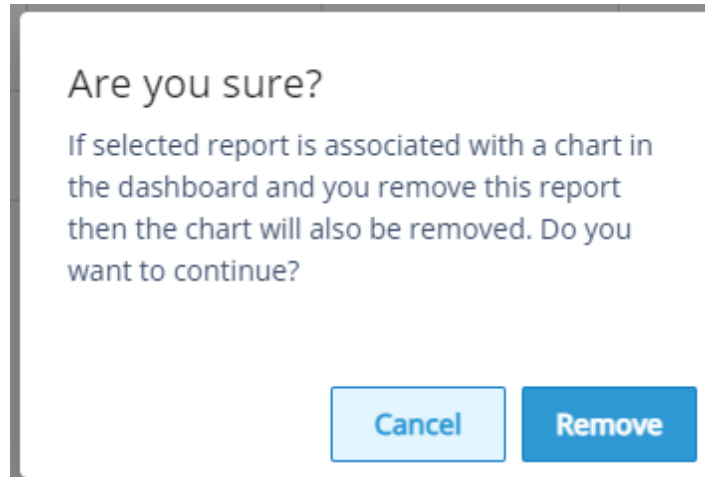
This menu option to Remove, Move or Share the report will appear



**Figure 102: Remove, Move or Share**

- Choose **Remove**


The following dialog box will appear:



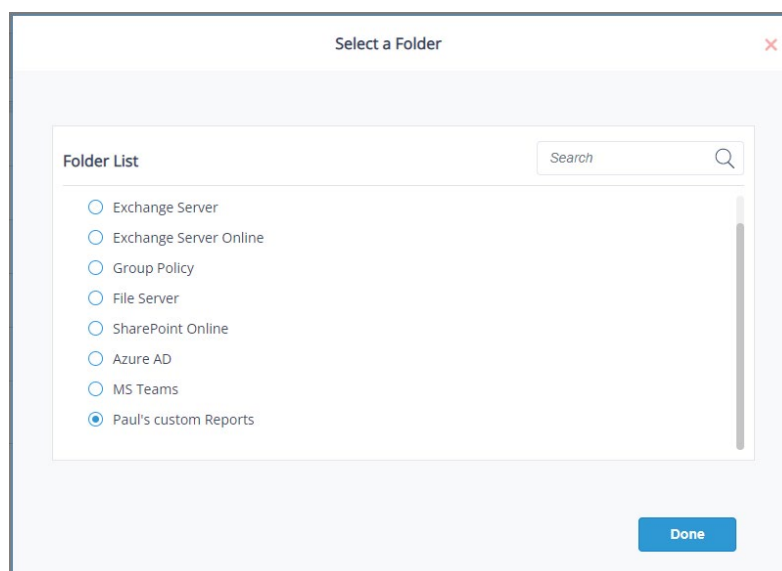
**Figure 103: Confirmation to Remove a Report**

- Click **Remove** to remove the report

## 19.2 To Move a Custom Report

- Click the  icon and choose **Move Report**


The Select a Folder dialog box is displayed:



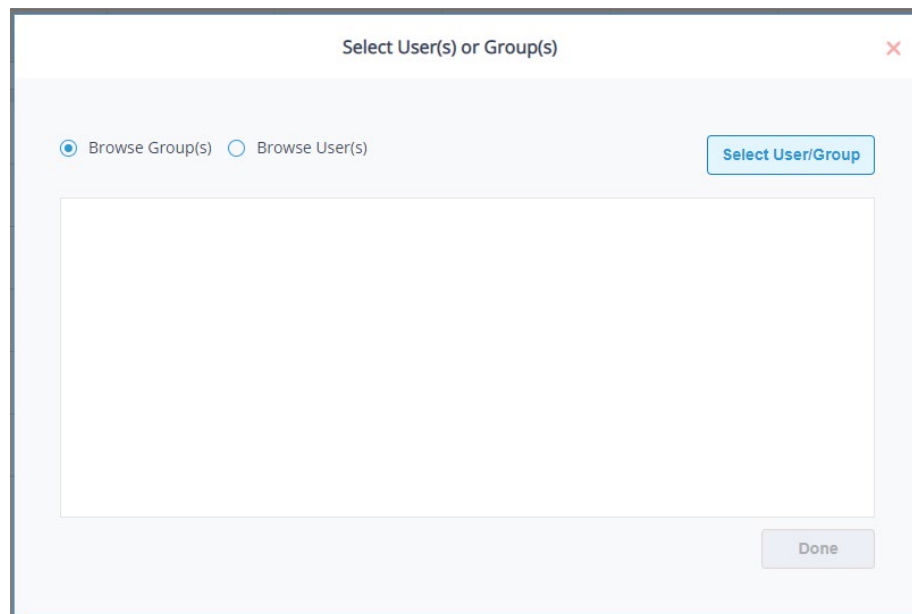
**Figure 104: Select a Folder**

- Select the folder to move the report to
- Click **Done**

## 19.3 To Share a Report

- Click the  icon and choose Share Report

The Select User(s) or Group(s) dialog box appears:

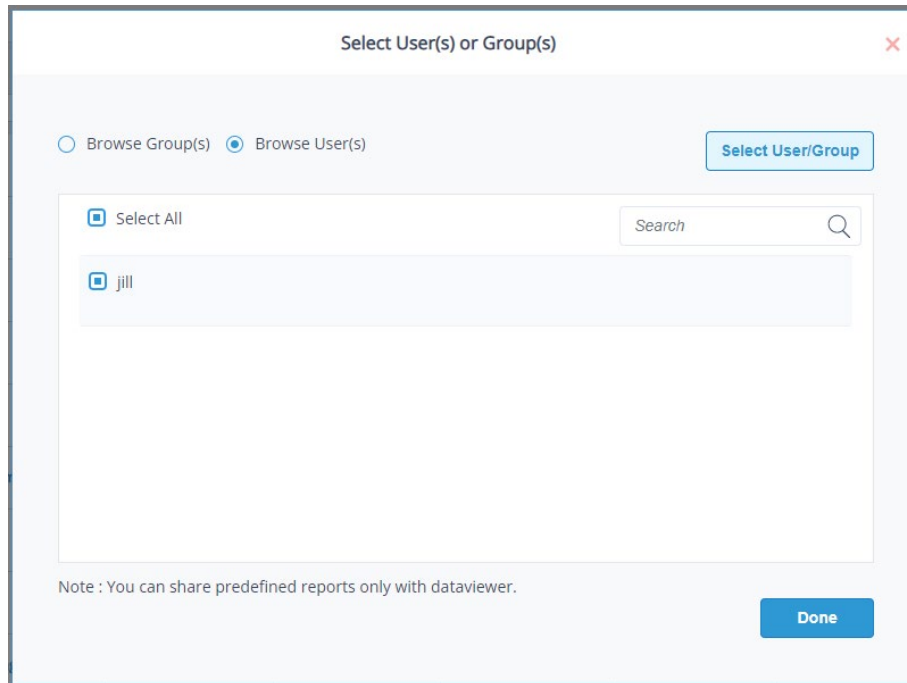


**Figure 105: Select Users or Groups**

- Select **Browse Group(s)** or **Browse User(s)** and click the Select User/Group button



A list of users or groups will be displayed:



**Figure 106: Select the User(s)**

- Select the user(s) to share the report with and click **Done**

A **Successfully Shared** message box will be displayed.

- Click **Done**

The Share information is shown in the Reports screen under **Shared With** and **Shared By**

In this example the Failed Logons report was shared with Jill by Paul:

Reports										
<div> <div>Search</div> <div>Create Report</div> </div>										
Report Name	Description	Shared With	Shared By	My Lepide	Report Type	Added By	Added On	Actions		
All Environment Changes	Shows all the chang...				Predefined					
All Object Changes	Shows all the chang...				Predefined					
Failed Logons	Shows all the failed ...	jill	paul		Predefined					
Successful User Logon/Logoffs	Shows all the succe...				Predefined					

**Figure 107: Share Information**

## 20 Alerts

Real time alerts for all significant security changes are an essential tool to enable organizations to quickly detect and respond to potential threats. All alerts are in real time and are delivered to administrators or selected recipients either to the Lepide Dashboard, via email or directly to any iOS or Android mobile device.

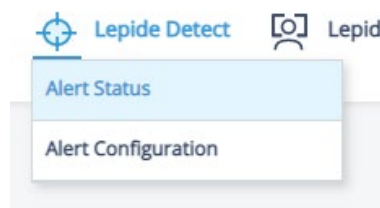
The Lepide Web Console can be configured to execute a customized script whenever an alert is triggered. Scripts can be of the following types: VB Script, PowerShell Script or Batch File.

Using custom script execution, you can shut down users, servers and take other actions to mitigate the effects of a security breach.

Alerts can be set up by either using one of the pre defined Threat Models or by setting up an Alert on a report. In this guide, we will look at both methods.

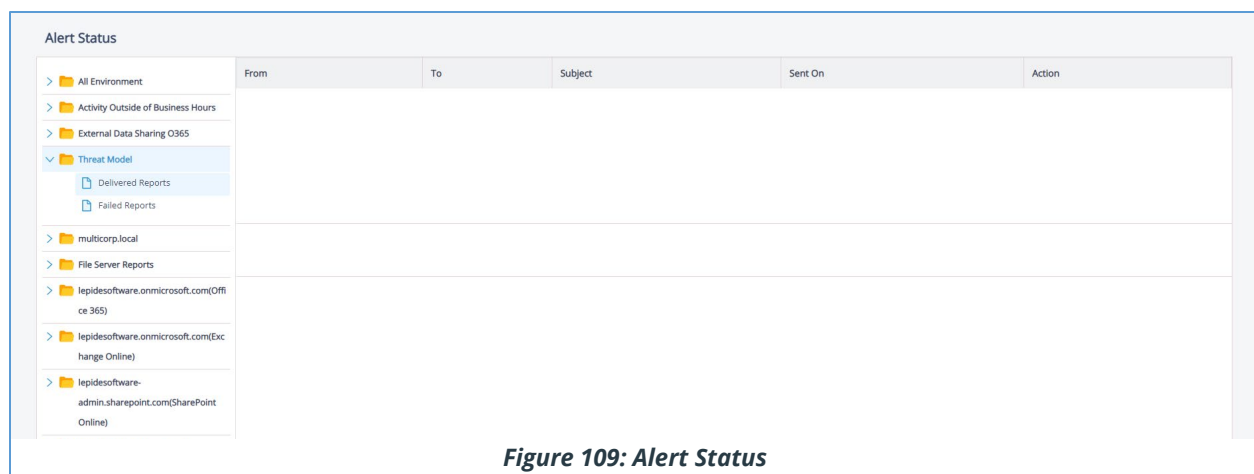
### 20.1 Alert Status

- To see a list of Alert Reports, select **Alert Status**



**Figure 108: Alerts Menu**

This will display the Alert Status screen. Here any Alert Reports which have run will be displayed

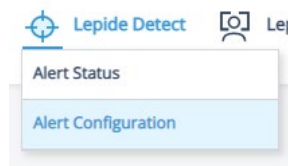


**Figure 109: Alert Status**

## 20.2 Alert Configuration

All Alerts are set up from the Alert Configuration screen which is accessed as follows:

- From the Dashboard screen choose **Lepide Detect, Alert Configuration**



**Figure 110: Alerts Menu**

The Alert Configuration screen will be displayed:

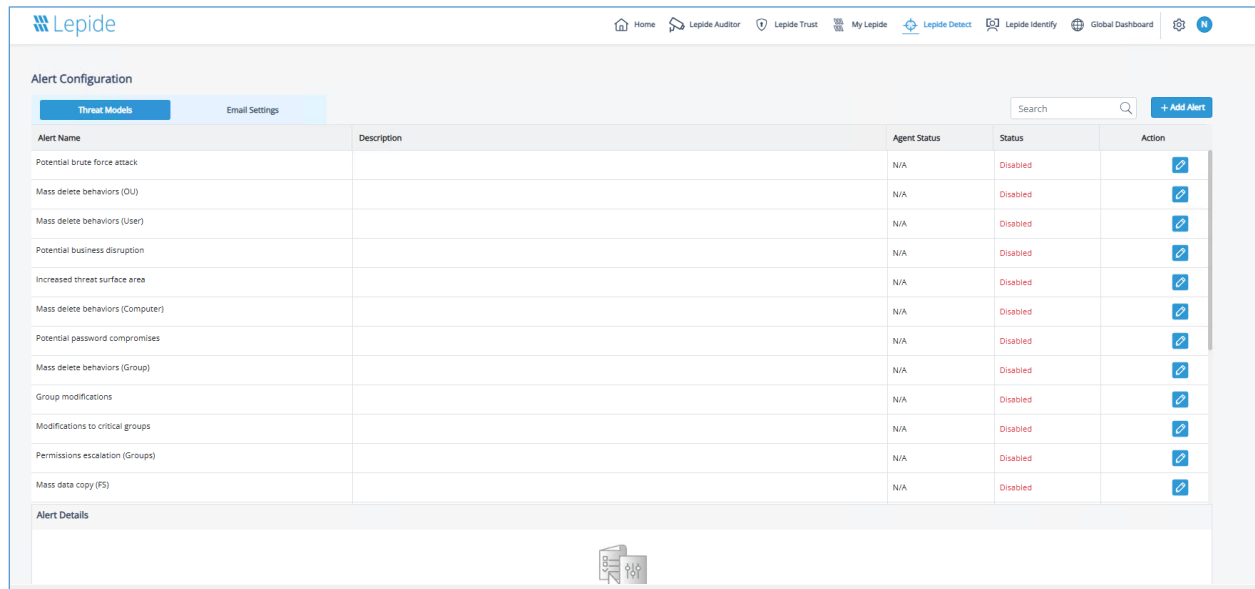


Figure 111: Alert Configuration

## 20.3 Threat Models

- There are many threat models included with the Lepide Web Console. A threat model is a predefined alert for a particular scenario and examples of scenarios could be a potential ransomware attack, or files copied. Enabling one of these predefined threat models allows you to generate real time alerts whenever a potential threat is detected

All the threat models available within the Lepide Web Console are displayed on the Alert Configuration screen, under the **Threat Models** tab:

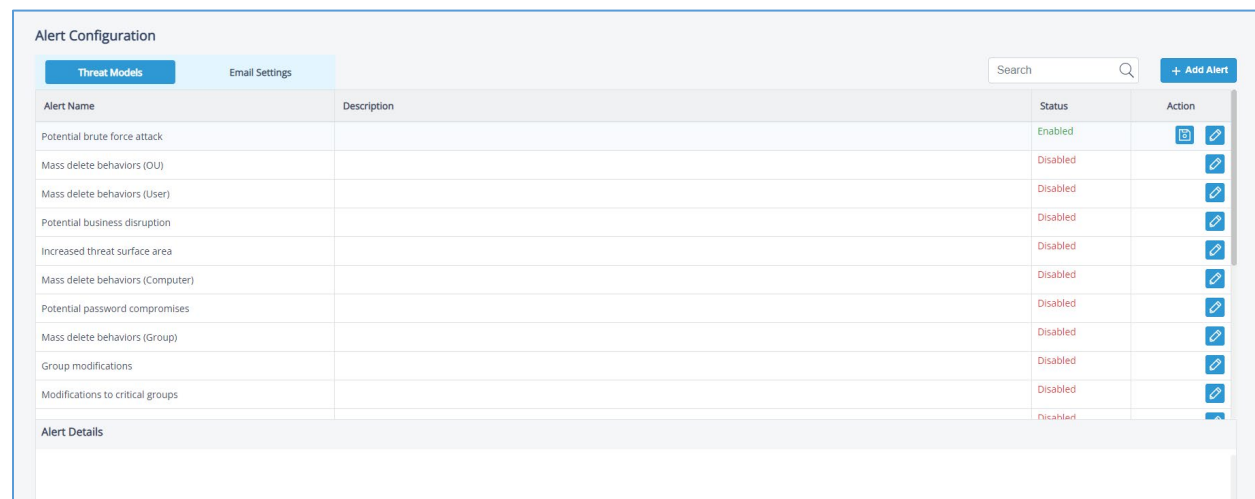



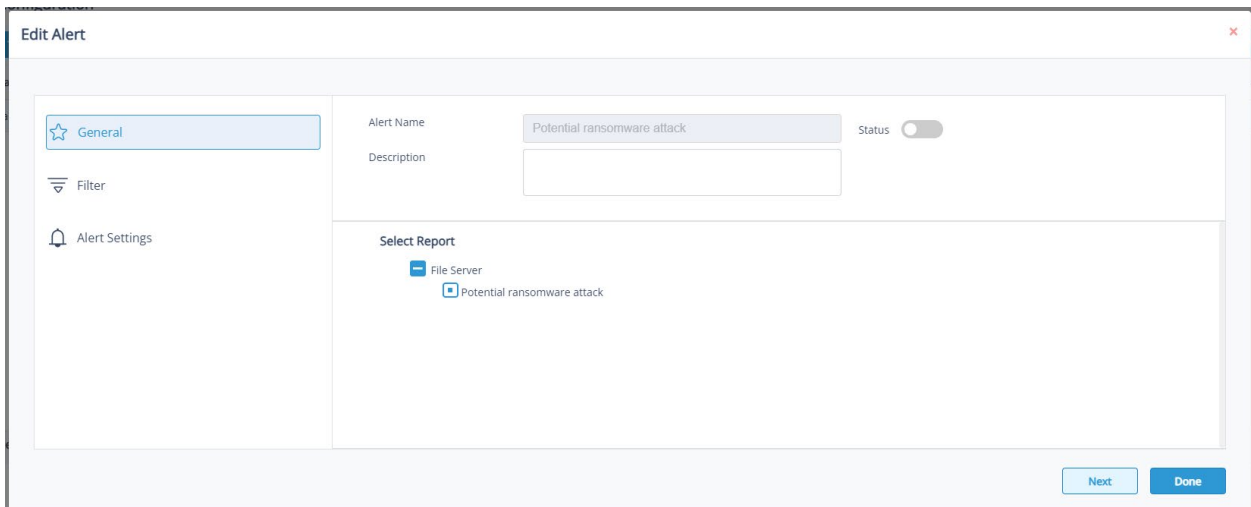
Figure 112: Threat Models

The Threat Models can be enabled as needed. They can then be configured to generate an alert and respond to a threat. The example below explains how to enable the **Potential Ransomware Attack Threat Model**.

## 20.3.1 How to Enable and Configure a Threat Model

- From the Alert Configuration screen scroll down until you can see the Threat Model you want to enable. You can also type into the search bar at the top to search for a specific Threat Model.
- To enable the Potential Ransomware Attack Threat Model, click the Edit icon .

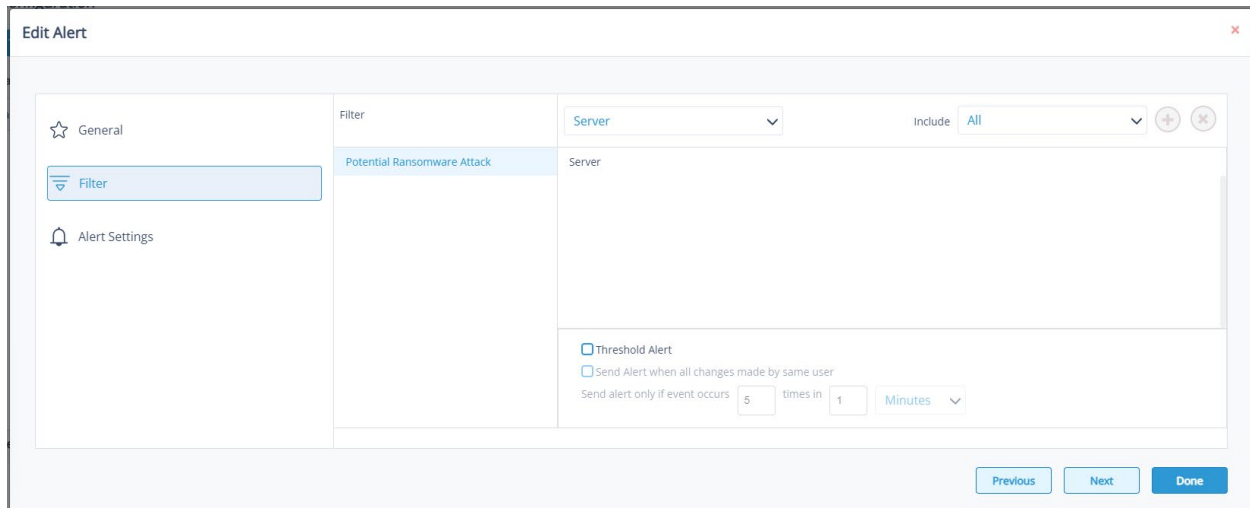
The Edit Alert dialog box will be displayed:



**Figure 113: Enable a Threat Model**

- Slide the **Status** toggle button to the right to enable the Threat Model
- Click **Next**

This will take you to the **Filter** option:



**Figure 114: Filter Option**

- On the left of the dialog box, you can see the Threat Model you are working on which is **Potential Ransomware Attack**.
- Click the Server drop down to select options to change the settings for **Server, User, Object Name, Object Path, Operation, Process and From**. The default setting for all these options is **All**.
- The threshold alert options can be customized as follows:

Threshold Alert:

Check this box to switch threshold alerting on

Send alert when all changes made by same user:

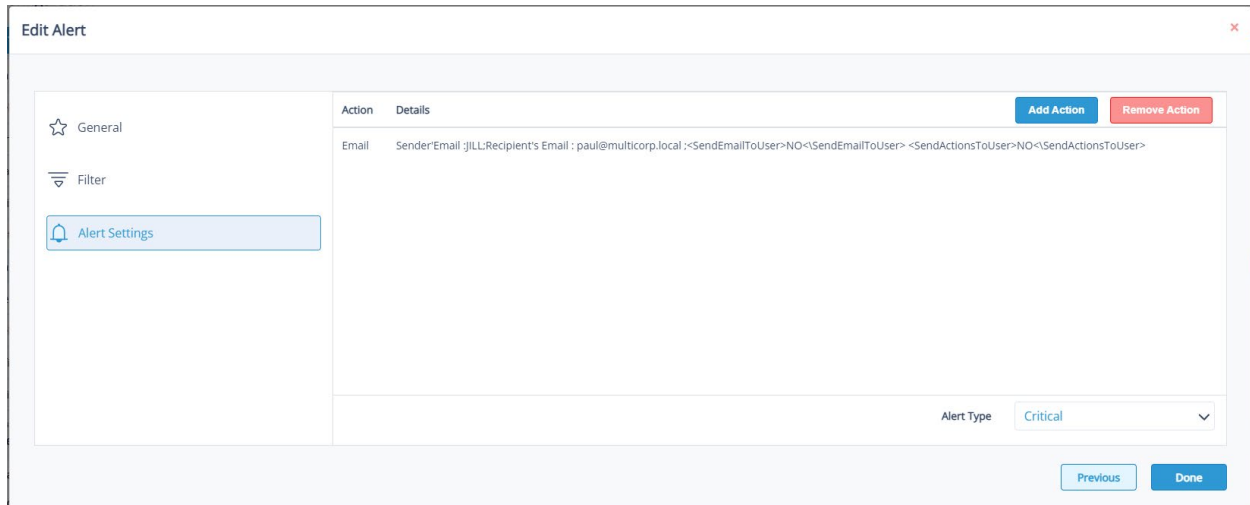
Check this if you want an alert to be sent when all changes have been made by a single user

Send alert only if event occurs:

Change the number of times the event occurs, the time value and time-period here

- Click **Next**

The Alert Settings are shown:

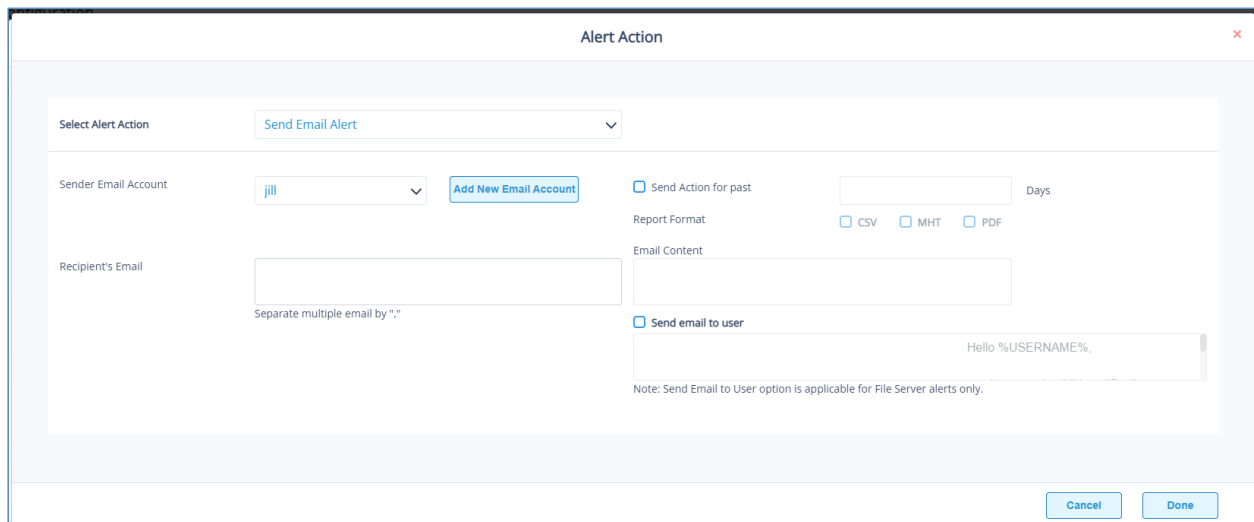


The **Edit Alert** dialog box features a sidebar on the left with three options: **General** (selected), **Filter**, and **Alert Settings**. The main area is divided into two tabs: **Action** and **Details**. The **Action** tab contains a table with one row: **Email** | **Sender Email**: jill; **Recipient's Email**: paul@multicorp.local; **<SendEmailToUser>**: NO; **<SendEmailToUser>**: <SendActionsToUser> NO; **<SendActionsToUser>**: <SendActionsToUser>. Above the table are **Add Action** and **Remove Action** buttons. Below the table is an **Alert Type** dropdown menu set to **Critical**. At the bottom right are **Previous** and **Done** buttons.

**Figure 115: Alert Settings**

This allows you to set up responses to occur when an alert has been triggered and displays any existing responses which have been set up. You can also change the **Alert Type**.

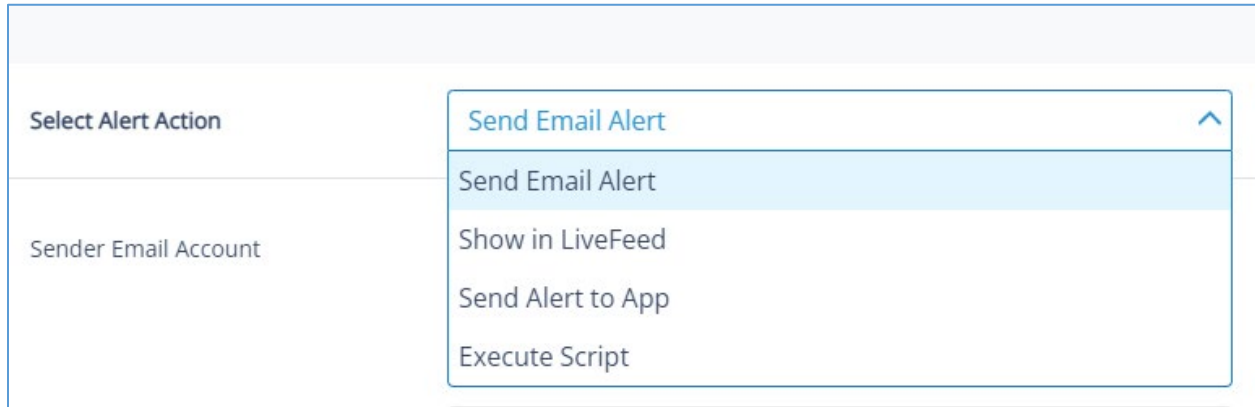
- To create a new response to an alert, click the **Add Action** button
- The **Alert Action** dialog box is displayed:



The **Alert Action** dialog box has a **Select Alert Action** dropdown menu set to **Send Email Alert**. Below this are two columns of settings. The left column includes **Sender Email Account** (dropdown set to 'jill' with an **Add New Email Account** button) and **Recipient's Email** (text input with a note: 'Separate multiple email by ","'). The right column includes **Send Action for past** (checkbox), **Report Format** (radio buttons for CSV, MHT, PDF), **Email Content** (text input), and **Send email to user** (checkbox). A note at the bottom states: 'Note: Send Email to User option is applicable for File Server alerts only.' At the bottom right are **Cancel** and **Done** buttons.

**Figure 116: Alert Action**

- Click the **Select Alert Action** drop down arrow to see a list of actions available:

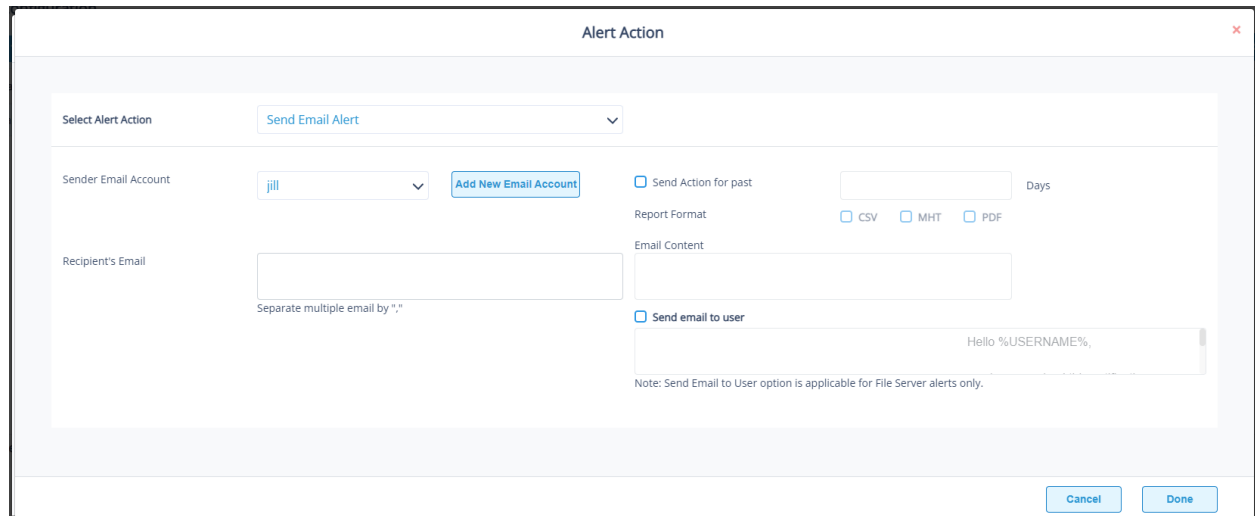
A screenshot of a web console interface. On the left, there are two labels: "Select Alert Action" and "Sender Email Account". To the right of "Select Alert Action" is a dropdown menu that is open, showing a list of five options: "Send Email Alert" (highlighted in blue), "Send Email Alert", "Show in LiveFeed", "Send Alert to App", and "Execute Script". The "Sender Email Account" label is currently empty.

**Figure 117: Alert Actions**

The Alert Actions are as follows:

- Send Email Alert
- Show in LiveFeed
- Send Alert to App
- Execute Script
- The configuration of each of these actions is explained below:

1. Send Email Alert

A screenshot of a "Send Email Alert" configuration dialog box. The dialog has a title bar "Alert Action" with a close button. Inside, there's a "Select Alert Action" dropdown set to "Send Email Alert". Below it, "Sender Email Account" is set to "jill" with an "Add New Email Account" button. "Recipient's Email" is an empty text box with a note "Separate multiple email by ','". To the right, there are checkboxes for "Send Action for past" (with a "Days" input), "Report Format" (with options for CSV, MHT, and PDF), and "Send email to user" (with a text box containing "Hello %USERNAME%,"). A note at the bottom states: "Note: Send Email to User option is applicable for File Server alerts only." At the bottom right are "Cancel" and "Done" buttons.

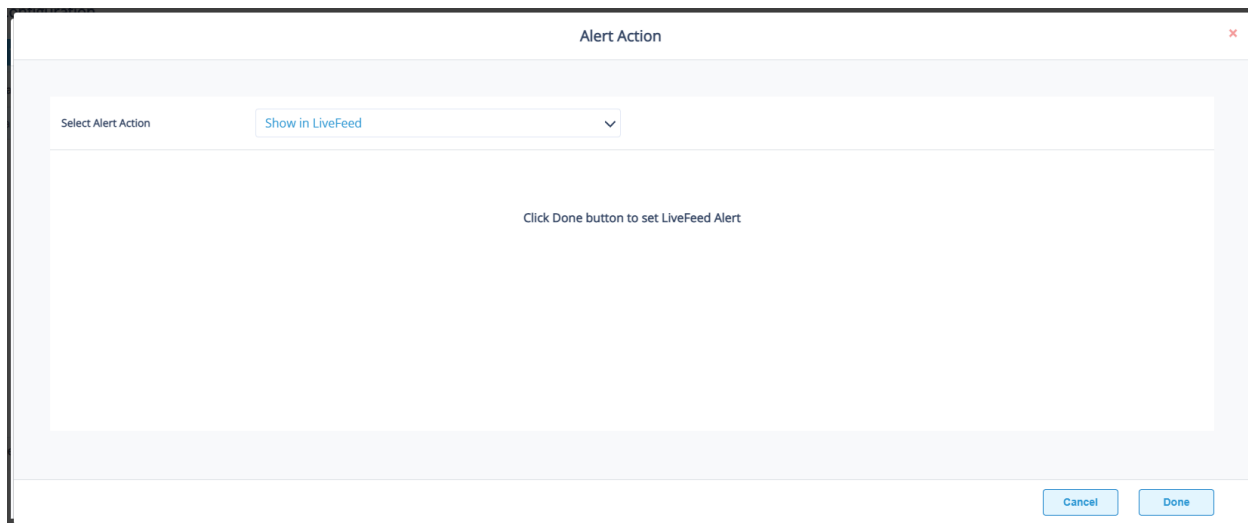
**Figure 118: Send Email Alert**



This option allows you to send an email once an alert has been triggered. The elements of the dialog box are as follows:

- **Sender Email Account:** The Sender's email account will be displayed here if it has been selected.
- Click **Add New Email Account** to enter a new Sender Email Account.  
For further information on adding a new email account, please refer to Section 20.4 of this guide.
- **Recipient's Email:** Add recipient emails by typing the email addresses into the box. If there are multiple email addresses, separate them with a ','
- **Send Actions for past xx days:** This option allows you to see everything that this user has done over the last number of specified days. For example, if an alert is triggered because they have been copying files, then you may want to see what else they have been doing. Check this box and specify the number of days and an email will be sent with an attachment listing everything that the user has done over the specified number of days.
- **Report Format:** The attachment will contain a report and the format(s) can be specified by checking the relevant box. The formats are CSV, MHT and PDF.
- **Email Content:** Type the content of the email to be sent here
- **Send Email to user:** Check this box to send an email to the user. The content of the email can be typed into the text box. To include the username within the content, use the variable %USERNAME%.  
**Note** that this option is only applicable to File Server alerts.
- Click **Done** to save the alert action.

2. Show in LiveFeed

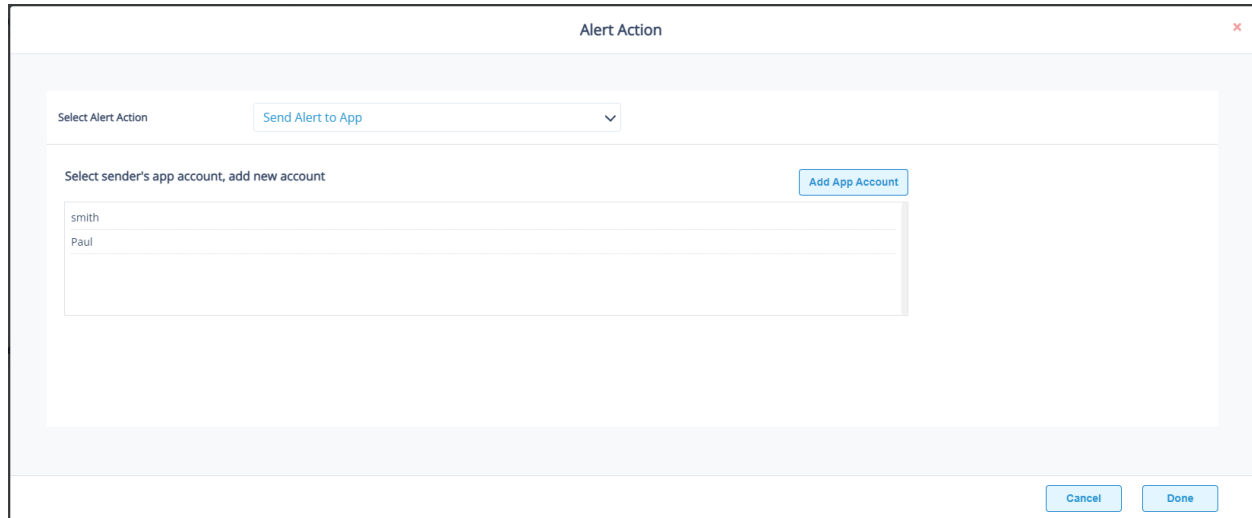


**Figure 119: Show in LiveFeed**

**Show in LiveFeed** means that the alert will be sent to the LiveFeed dashboard which can be seen on the Lepide Detect Dashboards screen.

- Click **Done** to switch the **LiveFeed** alert on.

### 3. Send Alert to App



The screenshot shows a modal window titled "Alert Action". At the top, there's a "Select Alert Action" dropdown menu with "Send Alert to App" selected. Below this, there's a section titled "Select sender's app account, add new account" with an "Add App Account" button. A list of accounts is displayed, showing "smith" and "Paul". At the bottom right of the modal are "Cancel" and "Done" buttons.

**Figure 120: Send Alert to App**

- The **Send Alert to App** option sends the alert to a mobile device.
- Click **Add App Account** to add a new mobile account. For further information on adding a new App Account, please refer to Section 20.4 of this guide.

#### 4. Execute Script


The screenshot shows the 'Alert Action' dialog box with the 'Execute Script' option selected. The 'File Path' field is empty, with a red error message below it: 'Please enter local path of script location on LDSP server'. The 'Run with SYSTEM account' option is selected. The 'Run with selected account' option is also visible, with a drop-down menu and an 'Add Account' button. The 'Notify me when script is executed' checkbox is unchecked, and a 'Configure' button is visible. The 'Parameterized input file contains' checkbox is checked, with a drop-down menu showing 'Who' and an 'Information' link. A note at the bottom states: 'Note : This option is applicable for file server reports.' The 'Cancel' and 'Done' buttons are at the bottom right.

**Figure 121: Execute Script**

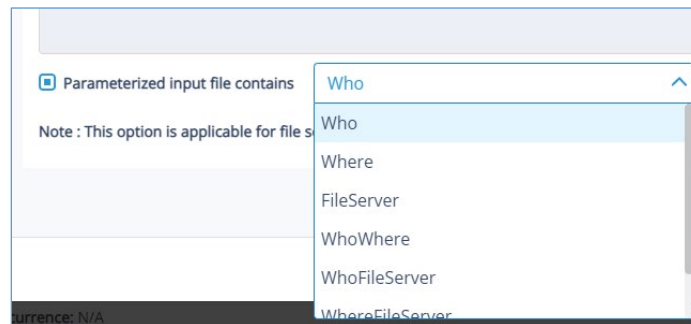
The last action from the drop-down menu is **Execute Script**

This sets up the option to execute one of the predefined PowerShell scripts when an alert is triggered.

The elements of the dialog box are as follows:

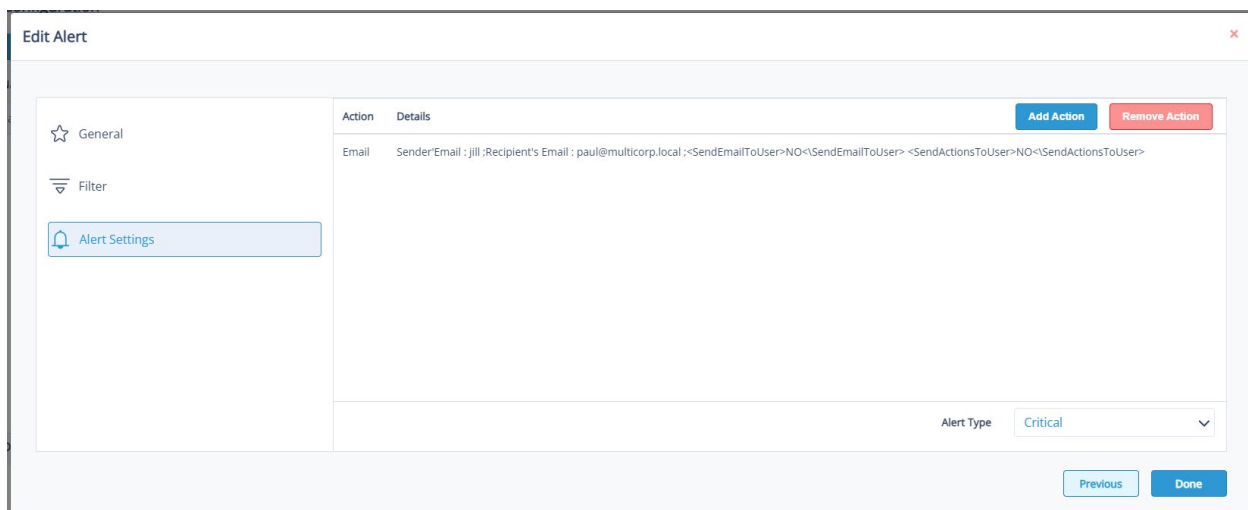
- File Path:** Browse to choose the file path of the PowerShell script by clicking 

Choose either: Run with SYSTEM account or Run with selected account.
- If you choose **Run with selected account**, you can use the drop-down to select the account or click **Add Account** to specify the account to be used.
- Choose **Notify me when a script is executed** to send an email on script execution.
- When this option is checked, the **Configure** button becomes available. Choose **Configure** to set up the sender's account and recipient's email address.
- Choose **Parameterized input file contains** to specify a variable to include in the script. When this option is checked, a drop-down menu becomes available to choose a variable:

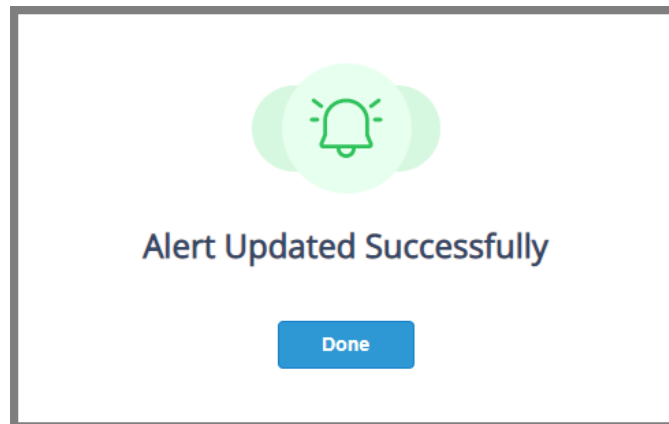


**Figure 122: List of Variables**

- Click **Done** to return to the **Alert Settings**
- Now choose the **Alert Type** which can be Critical, Warning or Normal
- Click **Next** to continue
- The **Confirmation** dialog box is displayed with the alert details
- Click **Done** to finish



**Figure 123: Edit Alert**



**Figure 124: Alert Updated Successfully**

## 20.4 Setting Alerts

To set up alerts without using a threat model, follow the steps below:

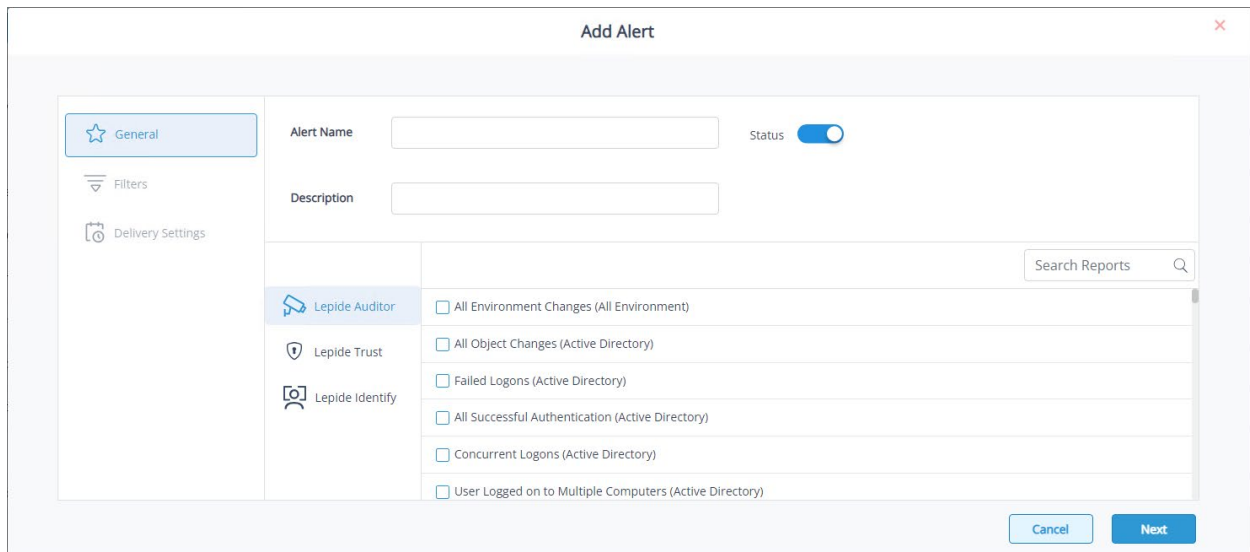
- From the Alert Configuration screen, select **+ Add Alert**

 The screenshot shows the "Alert Configuration" page in the Lepide web console. The top navigation bar includes the Lepide logo and links for Home, Lepide Auditor, Lepide Trust, My Lepide, Lepide Detect, Lepide Identify, Global Dashboard, and a settings icon. The main content area has two tabs: "Threat Models" (selected) and "Email Settings". Below the tabs is a table with columns: Alert Name, Description, Agent Status, Status, and Action. The table lists various alert types, all with "N/A" for Agent Status and "Disabled" for Status. An "Add Alert" button is in the top right corner of the table area. Below the table is an "Alert Details" section with a placeholder icon.
 

Alert Name	Description	Agent Status	Status	Action
Potential brute force attack		N/A	Disabled	
Mass delete behaviors (OU)		N/A	Disabled	
Mass delete behaviors (User)		N/A	Disabled	
Potential business disruption		N/A	Disabled	
Increased threat surface area		N/A	Disabled	
Mass delete behaviors (Computer)		N/A	Disabled	
Potential password compromises		N/A	Disabled	
Mass delete behaviors (Group)		N/A	Disabled	
Group modifications		N/A	Disabled	
Modifications to critical groups		N/A	Disabled	
Permissions escalation (Groups)		N/A	Disabled	
Mass data copy (FS)		N/A	Disabled	

**Figure 125: Alert Configuration**

The Add Alert dialog box is displayed:

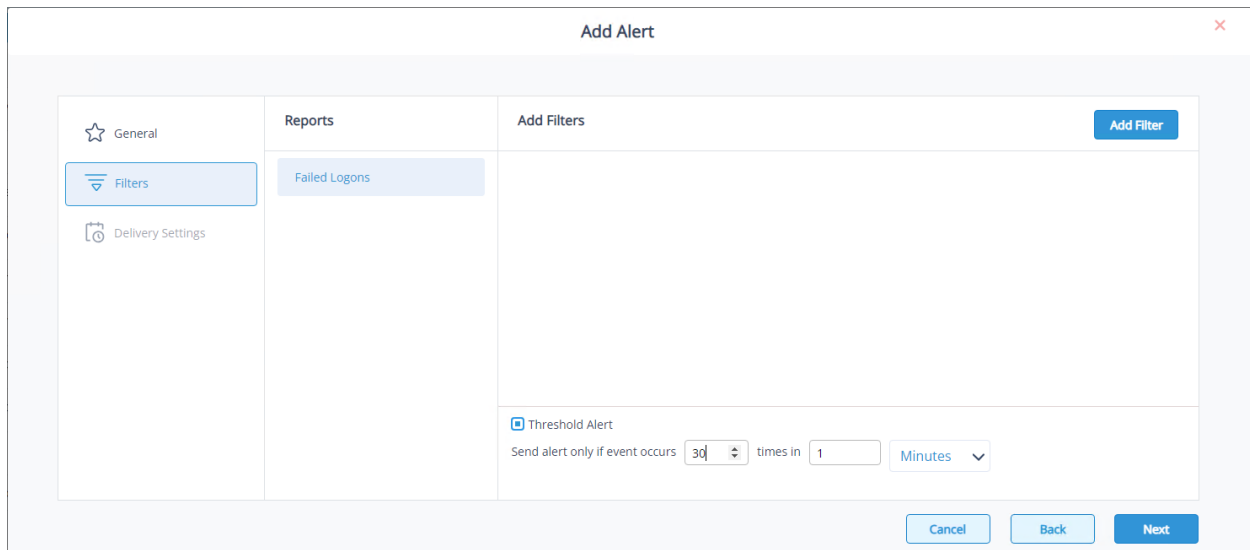


The 'Add Alert' dialog box features a sidebar on the left with three tabs: 'General' (selected), 'Filters', and 'Delivery Settings'. The 'General' tab contains an 'Alert Name' text field, a 'Description' text field, and a 'Status' toggle switch currently set to 'On'. The main area is divided into two columns. The left column lists three categories: 'Lepide Auditor' (selected), 'Lepide Trust', and 'Lepide Identify'. The right column displays a list of reports with checkboxes: 'All Environment Changes (All Environment)', 'All Object Changes (Active Directory)', 'Failed Logons (Active Directory)', 'All Successful Authentication (Active Directory)', 'Concurrent Logons (Active Directory)', and 'User Logged on to Multiple Computers (Active Directory)'. A 'Search Reports' input field with a magnifying glass icon is located at the top right of the report list. At the bottom right, there are 'Cancel' and 'Next' buttons.

**Figure 126: Add Alert**

- Add the Alert Name and optional Description
- Select the report(s) on which you want to create an alert
- Click **Next**

The Add Filters option is displayed:



The 'Add Alert' dialog box is shown with the 'Filters' tab selected in the sidebar. The 'Reports' column on the left now shows 'Failed Logons' as the selected report. The 'Add Filters' column on the right is empty, with an 'Add Filter' button at the top right. At the bottom of the 'Add Filters' column, there is a 'Threshold Alert' section. It includes a checkbox labeled 'Threshold Alert' which is checked, and a text field that reads 'Send alert only if event occurs 30 times in 1 Minutes', where '30' and '1' are in input boxes and 'Minutes' is a dropdown menu. At the bottom of the dialog, there are 'Cancel', 'Back', and 'Next' buttons.

**Figure 127: Add Filters**

- Click the **Add Filter** button to add a new filter

The Add Filters options are displayed:

The screenshot shows the 'Add Alert' dialog box with the 'Add Filters' tab selected. The 'Add Filters' tab contains a filter configuration for 'Who' with 'Include' set to 'Not Equal' and 'value' set to 'ADMIN'. There is an 'Add Filter' button in the top right. Below the filter configuration, there is a 'Threshold Alert' section with a checkbox, and a section for 'Send alert only if event occurs' with input fields for '30' times in '1' Minutes. At the bottom are 'Cancel', 'Back', and 'Next' buttons.

**Figure 128: Filter Options**

- Select the filter options
- Click the **Add Filter** button again to add more filters if required
- The threshold alert options can be customized as follows:

Threshold Alert:

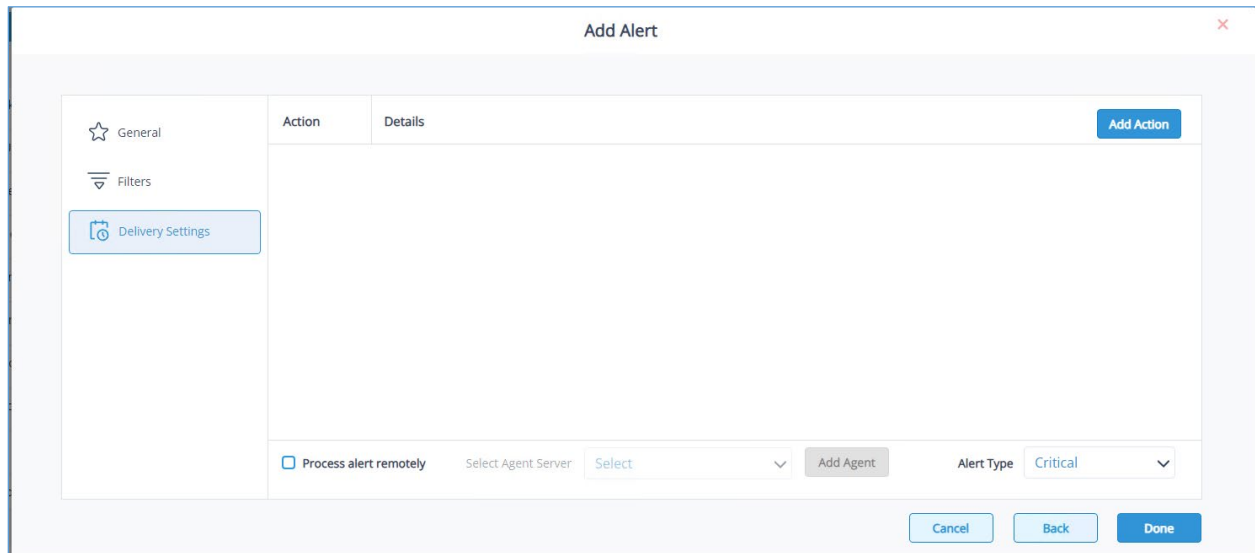
Check this box to switch threshold alerting on

Send alert only if event occurs:

Change the number of times the event occurs, the time value and time-period here

- Click **Next**

The Delivery Settings options are displayed:

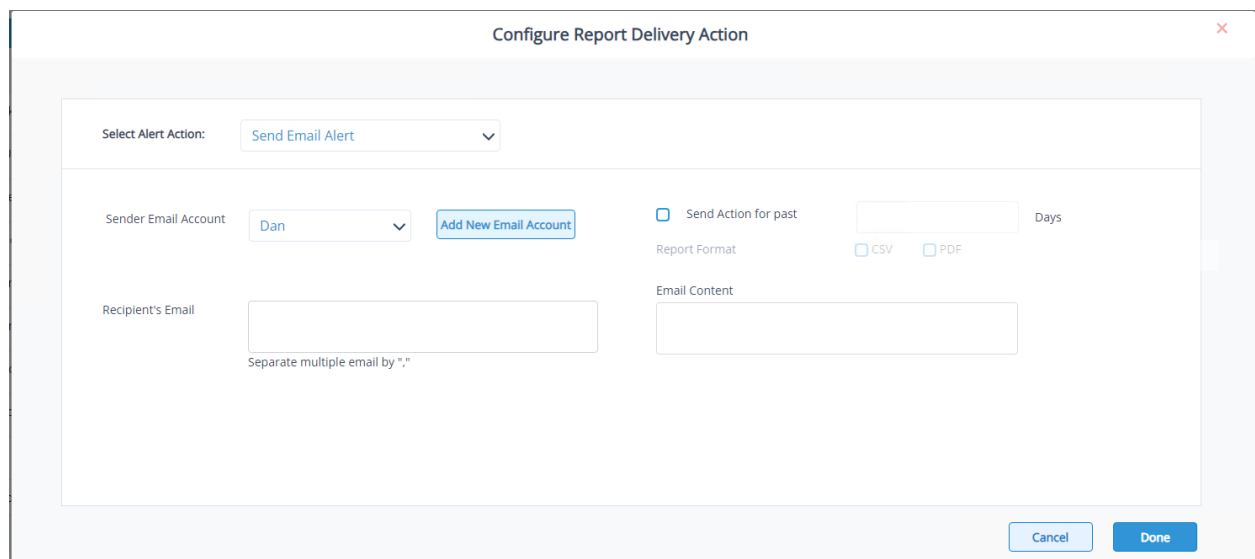


The "Add Alert" dialog box is shown with the "Delivery Settings" tab selected. The left sidebar contains "General", "Filters", and "Delivery Settings". The main area has tabs for "Action" and "Details". The "Action" tab is active, showing a "Process alert remotely" checkbox, a "Select Agent Server" dropdown menu, an "Add Agent" button, and an "Alert Type" dropdown menu set to "Critical". An "Add Action" button is in the top right corner. At the bottom are "Cancel", "Back", and "Done" buttons.

**Figure 129: Delivery Settings**

- Click **Add Action** to add a delivery action

The Configure Report Delivery Action dialog box is displayed:



The "Configure Report Delivery Action" dialog box is shown. It has a "Select Alert Action:" dropdown menu set to "Send Email Alert". Below this, there are fields for "Sender Email Account" (set to "Dan") and "Recipient's Email". A button "Add New Email Account" is next to the sender field. There is a checkbox "Send Action for past" followed by a text input field and the word "Days". Below this is a "Report Format" section with checkboxes for "CSV" and "PDF". An "Email Content" text area is also present. At the bottom are "Cancel" and "Done" buttons.

**Figure 130: Configure Report Delivery Action**



- Select the **Alert Action**

This can be one of the following options:

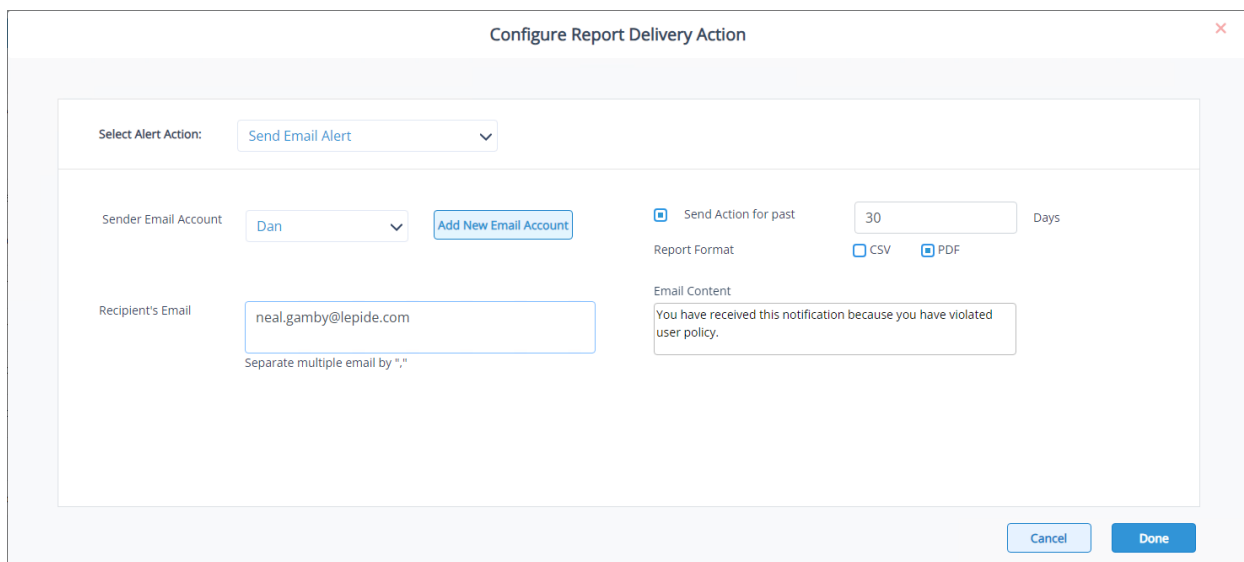
- Send Email Alert
- Show in LiveFeed
- Send Alert to App
- Execute Script

In this example, **Send Email Alert** has been selected:

The screenshot shows a 'Configure Report Delivery Action' dialog box. The 'Select Alert Action' dropdown menu is open, displaying four options: 'Send Email Alert' (which is highlighted), 'Show in LiveFeed', 'Send Alert to App', and 'Execute Script'. To the right of the dropdown is a button labeled 'Add New Email Account'. Below the dropdown is the 'Sender Email Account' label. To the right of this is a checkbox labeled 'Send Action for past' followed by a text input field for 'Days'. Below these is the 'Report Format' section with two checkboxes: 'CSV' and 'PDF'. The 'Email Content' section has a large text area. Below the 'Recipient's Email' text area is a note: 'Separate multiple email by \",\"'. At the bottom right of the dialog are 'Cancel' and 'Done' buttons.

**Figure 131: Select Alert Action**

- Specify the **Sender Email Account**
- Click **Add New Email Account** to add a different email account if required
- Select **Send Action for past xx days** if required
- Select the **Report Format**. This can be CSV or PDF
- Specify the **Recipient's Email**. For multiple email addresses, separate them with a ','
- Specify the **Email Content** to be included in the email when an alert is triggered
- Click **Done** when finished



**Configure Report Delivery Action**

Select Alert Action: Send Email Alert

Sender Email Account: Dan Add New Email Account

Recipient's Email: neal.gamby@lepide.com  
Separate multiple email by ","

☒ Send Action for past 30 Days

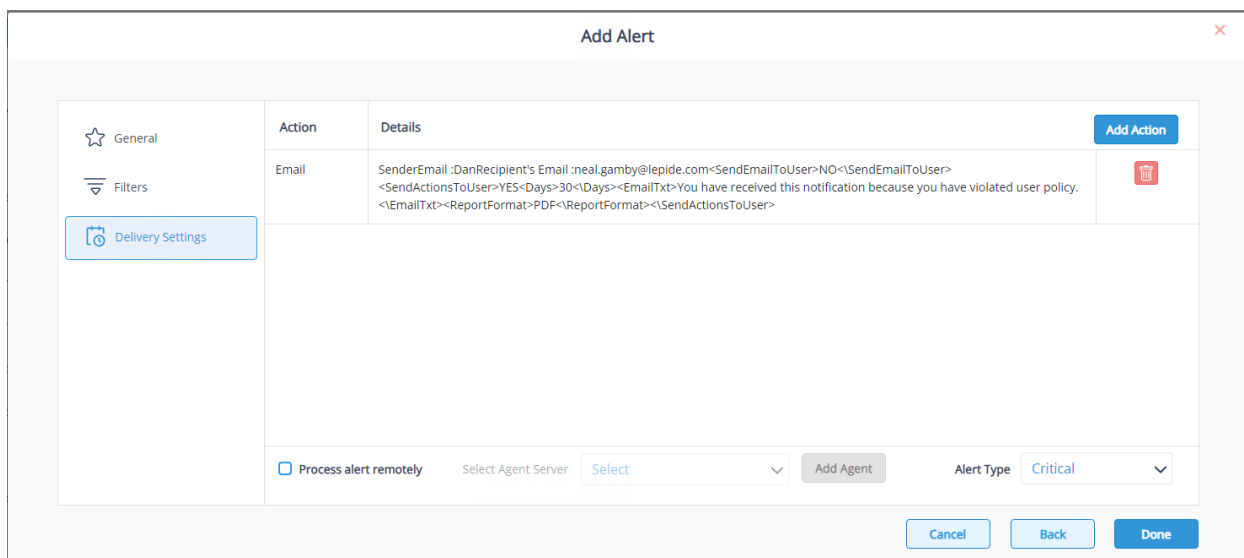
Report Format: ☐ CSV ☒ PDF

Email Content: You have received this notification because you have violated user policy.

Cancel Done

**Figure 132: Configure Report Delivery Action Completed**

The alert is displayed in the Add Alert dialog box:



**Add Alert**

General Filters Delivery Settings

Action	Details
Email	SenderEmail :DanRecipient's Email :neal.gamby@lepide.com<SendEmailToUser>NO<\SendEmailToUser> <SendActionsToUser>YES<Days>30<\Days><EmailTxt>You have received this notification because you have violated user policy. <\EmailTxt><ReportFormat>PDF<\ReportFormat><\SendActionsToUser>

Process alert remotely Select Agent Server Select Add Agent Alert Type Critical

Cancel Back Done

**Figure 133: Add Alert**

- Select **Process alert remotely** if required.
- To do this you will need to specify an Agent from the **Select Agent Server** drop down list.
- If you need to add an Agent, select the **Add Agent** button and follow the steps in Section 20.5 of this guide.
- Specify the **Alert Type**. This can be Critical, Warning or Normal.

- Click **Done** when finished.
- The Alert will be displayed at the end of the list and will show as **Enabled**.
- Click on the Alert Name to display **Alert Details** at the bottom of the screen.

The screenshot shows the 'Alert Configuration' section of the web console. It includes tabs for 'Threat Models' and 'Email Settings'. A table lists various alerts, with the 'Failed Logon Alert' selected. Below the table, the 'Alert Details' section shows the alert name, filters, and report name.

Alert Name	Description	Agent Status	Status	Action
Mass data copy (FS)		N/A	Disabled	
Potential ransomware attack		N/A	Disabled	
Increased threat surface area (FS)		N/A	Disabled	
Mass delete behaviors (FS)		N/A	Disabled	
Critical files moved		N/A	Disabled	
Permissions escalation (File)		N/A	Disabled	
Permissions escalation (Folder)		N/A	Disabled	
Ownership modifications		N/A	Disabled	
Potential data leakage		N/A	Disabled	
Failed Logon Alert		N/A	Enabled	

**Alert Details**

Alert Name : Failed Logon Alert

Filters :

Report Name: Failed Logons

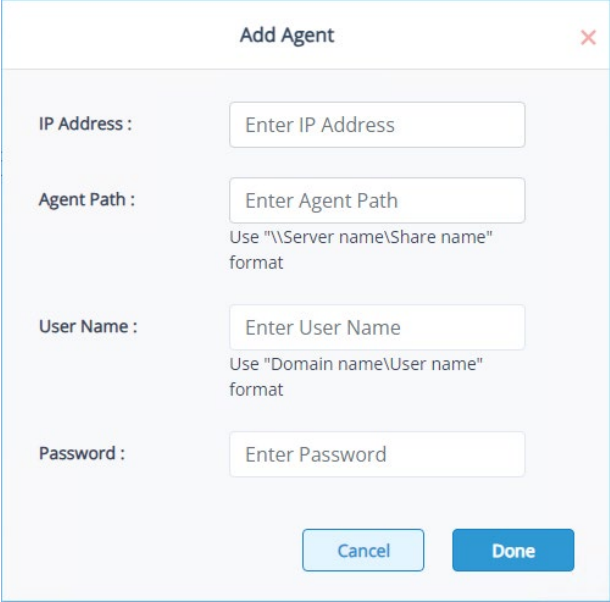
Delivery Mechanism : Email Alert

**Figure 134: Alert Configuration with Alert Details**

- To delete the alert, click the **Delete** icon
- To modify the alert, click the **Edit** icon

## 20.5 Adding an Agent

Before adding an Agent, the agent will need to have been installed. For information about this, please see our [e-Discovery User Guide](#).

A screenshot of a web-based dialog box titled "Add Agent" with a red close button in the top right corner. The dialog contains four input fields: "IP Address" with placeholder text "Enter IP Address", "Agent Path" with placeholder text "Enter Agent Path" and a note below it "Use '\\Server name\\Share name' format", "User Name" with placeholder text "Enter User Name" and a note below it "Use 'Domain name\\User name' format", and "Password" with placeholder text "Enter Password". At the bottom right are two buttons: "Cancel" and "Done".

**Add Agent**

IP Address :

Agent Path :   
Use "\\Server name\\Share name" format

User Name :   
Use "Domain name\\User name" format

Password :

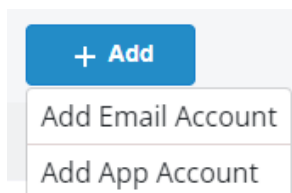
**Figure 135: Add Agent**

- Add the following information:
  - **IP Address:** Add the IP Address
  - **Agent Path:** Use [\\Server](#) name\\Share name format
  - **User Name:** Use domain name\\User name format
  - **Password:** Enter Active Directory password
- Click **Done** when finished

## 20.6 Email Settings Tab

Click the **Email Settings** tab to see the Email Settings Options. Here you can set up the Email or App information where the alert will be sent

- To add a new **Email** or **App Account**, click **Add**





**Figure 136: Add Email or Add App**

- Select **Add Email Account** to add email account details
- Type the email account information and click **Submit**

The form is titled 'Add Email Account' and is divided into two main sections: 'User Information' and 'Server Information'.  
**User Information:**  
- Display Name: Text box with 'jill'  
- Sender's Email Id: Text box with 'jill@multicorp.lc'  
- Requires authentication: A checked checkbox with the label 'Requires authentication'.  
- Logon Name: Text box with 'jill@multicorp.lc'  
- Password: Text box with masked characters '.....'  
**Server Information:**  
- Server Name/IP: Text box with '192.168.20.196'  
- Port: Text box with '25'  
- Requires a secure connection (SSL): An unchecked checkbox.  
**Test Settings:**  
- A text block: 'After filling out the information on the screen, we recommend you test your account by clicking the button below. (Requires network connection)'  
- A 'Send test mail' button.  
At the bottom right, there are 'Cancel' and 'Submit' buttons.

**Figure 137: Add Email Account**

- The email account details will be listed in the Alert Configuration screen:

Alert Configuration			
Threat Models		Email Settings	
Account Name		Type	Details
jill		Email	Display Name: jill Sender's Email: jill@multicorp.local Login: jill@multicorp.local Server: 192.168.20.196 SSL Connection: false Port: 25
			Actions
			 

**Figure 138: Email Account Details**

- Select **Add App Account** to add app account details

### Add App Account


Please enter login credentials for using both Windows and Mobile App

User ID:

Password:

Mobile App ID:

**Note:** Use this App ID to configure App on Android, iOS and Windows



**Figure 139: Add App Account**

- Enter the **User ID** and **Password**
- Enter the **Mobile App ID** which is generated by using the mobile device to scan the QR code displayed at the bottom of the dialog box.
- Click **OK**

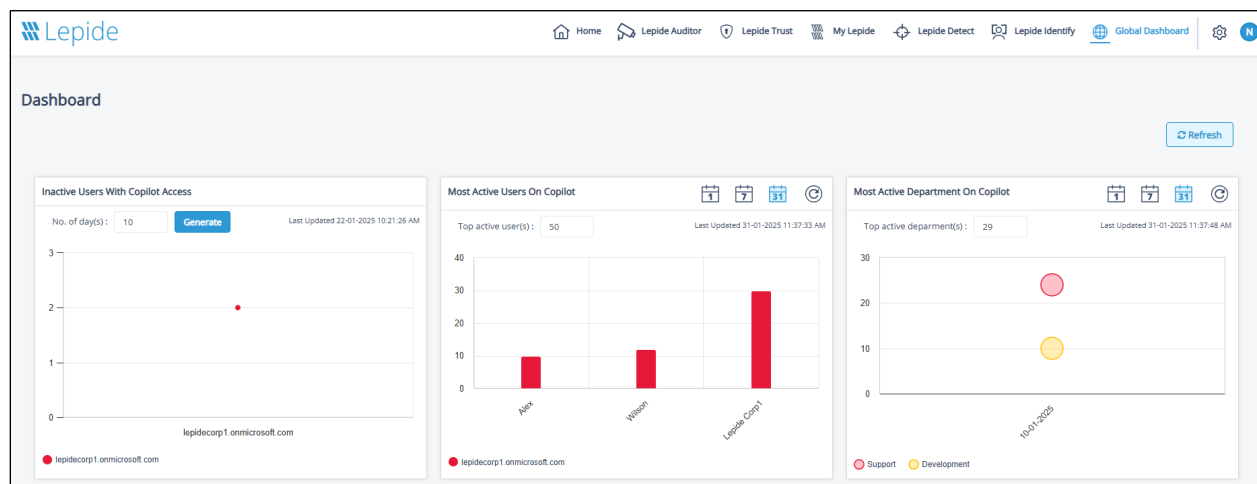
## 21 Global Dashboards

There is a Global Dashboard available for Copilot which summarizes the predefined Copilot reports to provide an operational overview of Copilot activities. The dashboard does not require any configuration and will load automatically.


To display the dashboard:



- Select **Global Dashboard** from the menu at the top of the screen

The Dashboard will be displayed:





**Figure 140: Global Dashboard**

- Click the **Refresh** button to refresh all the data
- Click the Refresh icon  to refresh data for individual charts
- To change the number of days for the Inactive Users with Copilot Access chart, edit the **No of day(s)** box and click **Generate** to display the chart with the new number of days.
- To change the number of **Top active user(s)**, click the number box and either enter the number or use the arrow selectors to change the number:

Top active user(s) : 10  


- To change the number of **Top active department(s)**, click the number box and either enter the number or use the arrow selectors to change the number:

Top active department(s) : 10  

- To change the time frame for the Most Active Users on Copilot and Most Active Department on Copilot charts, click one of the calendar icons. These options are 1 day ago, 7 days ago, 31 days ago:



## 22 Admin Console Options

- Click the  icon to open the Admin Console window

The different options available within the Admin Console are described below:

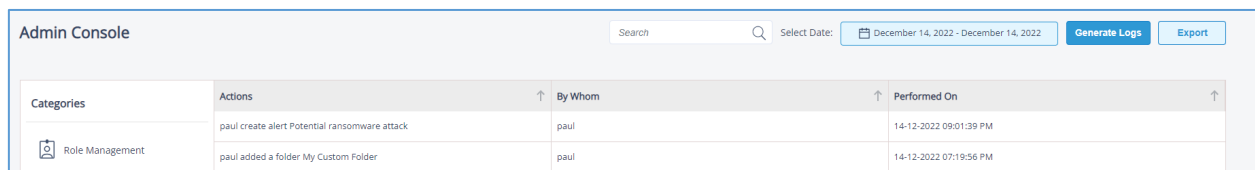
### 22.1 Role Management

Please see Section 9 of this guide for details about Role Management

### 22.2 How to View Logs

Activity logs can be viewed from within the Admin Console.

From the Admin Console, select **Logs**

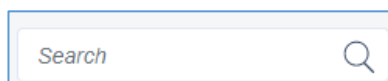
The screenshot shows the Admin Console interface. At the top, there's a search bar and a date range selector set to 'December 14, 2022 - December 14, 2022'. Below this is a table with columns: Categories, Actions, By Whom, and Performed On. The 'Categories' column has a dropdown menu with 'Role Management' selected. The 'Actions' column lists two items: 'paul create alert Potential ransomware attack' and 'paul added a folder My Custom Folder'. The 'By Whom' column lists 'paul' for both. The 'Performed On' column lists the timestamps: '14-12-2022 09:01:39 PM' and '14-12-2022 07:19:56 PM'. There are 'Generate Logs' and 'Export' buttons at the top right.

Categories	Actions	By Whom	Performed On
Role Management	paul create alert Potential ransomware attack	paul	14-12-2022 09:01:39 PM
	paul added a folder My Custom Folder	paul	14-12-2022 07:19:56 PM

**Figure 141: Logs**

From here you can:

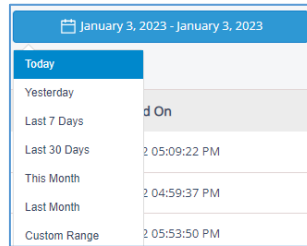
- Add **Search** criteria and click **Generate Logs** to view logs based on the search text



**Figure 142: Search Box**

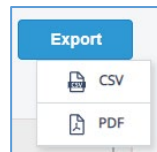


- Select **Date** and click **Generate Logs** to view activity for that date/time period



**Figure 143: Select Date/Time**

- Export the activity logs to **CSV** or **PDF** by clicking the **Export** button

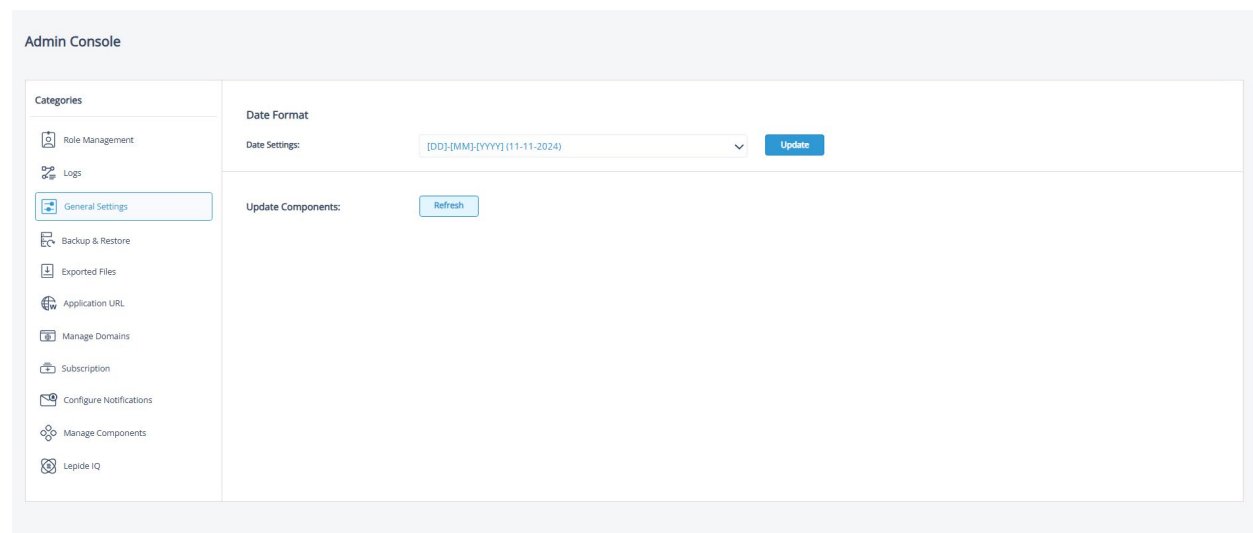


**Figure 144: Export Activity Logs**

## 22.3 How to Change the Date and Time Format

The Date and Time format can be changed from within the Admin Console

- From the Admin Console, choose **General Settings**



- Click **Date Settings** and choose the date setting required
- Click **Update**
- Click **Refresh** to Update Components

## 22.4 Backup & Restore

Backup and Restore options can be set within the Admin Console.

These options allow you to export and import the database which contains all the configuration options you have chosen in the Web Console including custom reports and folders. Examples of where you may want to use the backup and restore feature include:

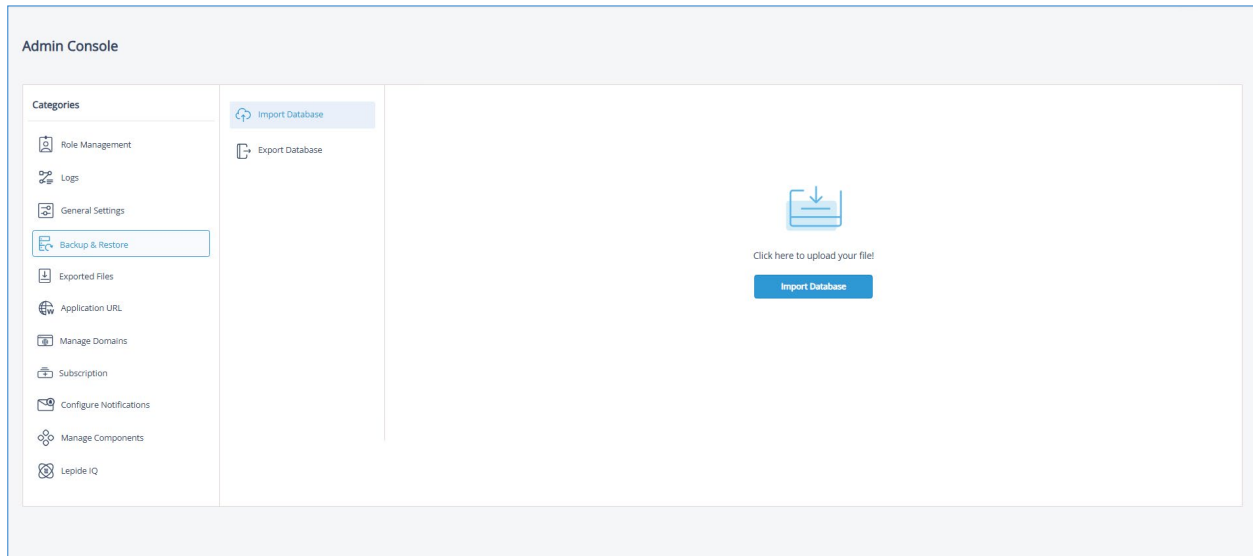
- the best practice approach of taking regular backups

### *Figure 145: General Settings*

- in the event of wanting to migrate the Web Console to a different server

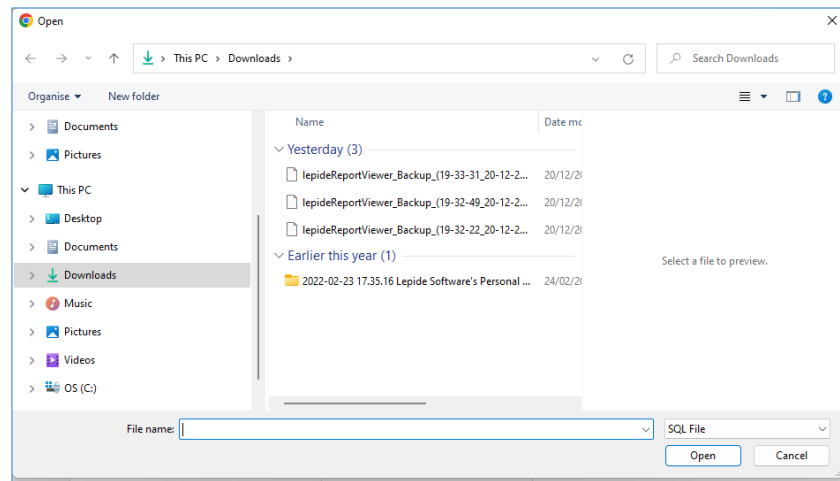
The steps to set up Backup & Restore are as follows:

- From the Admin Console Screen, choose **Backup & Restore**:



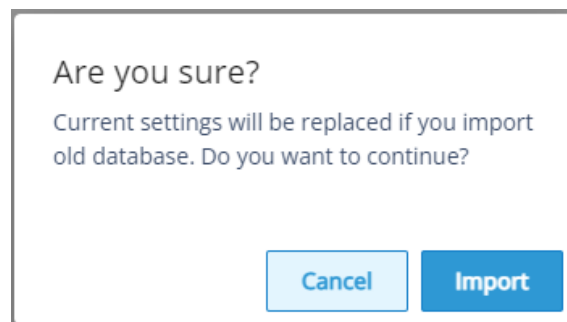
**Figure 146: Backup and Restore**

- **To Import the Database:**
  - Choose **Import Database**
  - Click the **Import Database** button
  - A list of files in the Download folder appears:



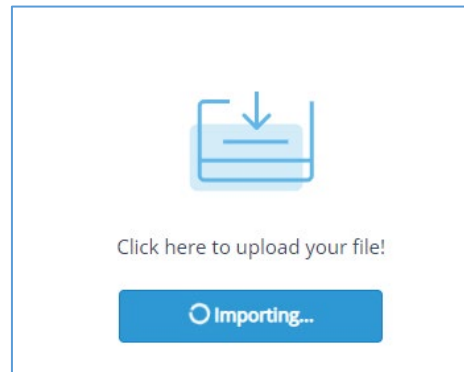
**Figure 147: Select Database File to Import**

- Select the database file to be imported
- Click **Open**
- A message box appears:



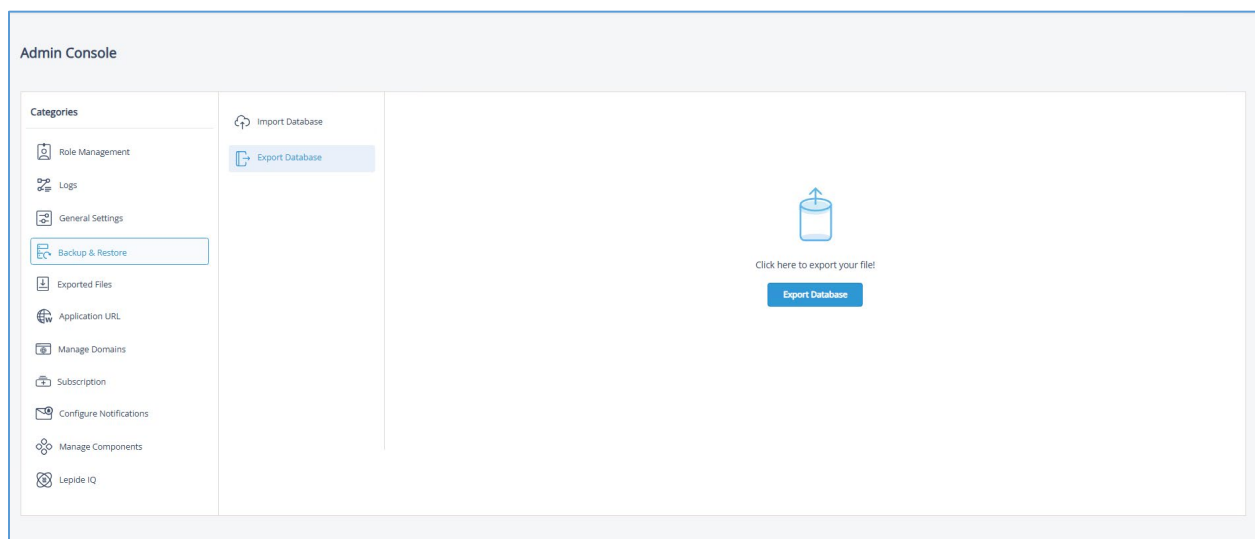
**Figure 148: Confirmation to Import Database**

- Click **Import** and the following is displayed:



**Figure 149: Importing Database**

- The import may take some time
- **To Export the Database:**
  - From the Admin Console Screen, select **Export Database:**



**Figure 150: Export Database**

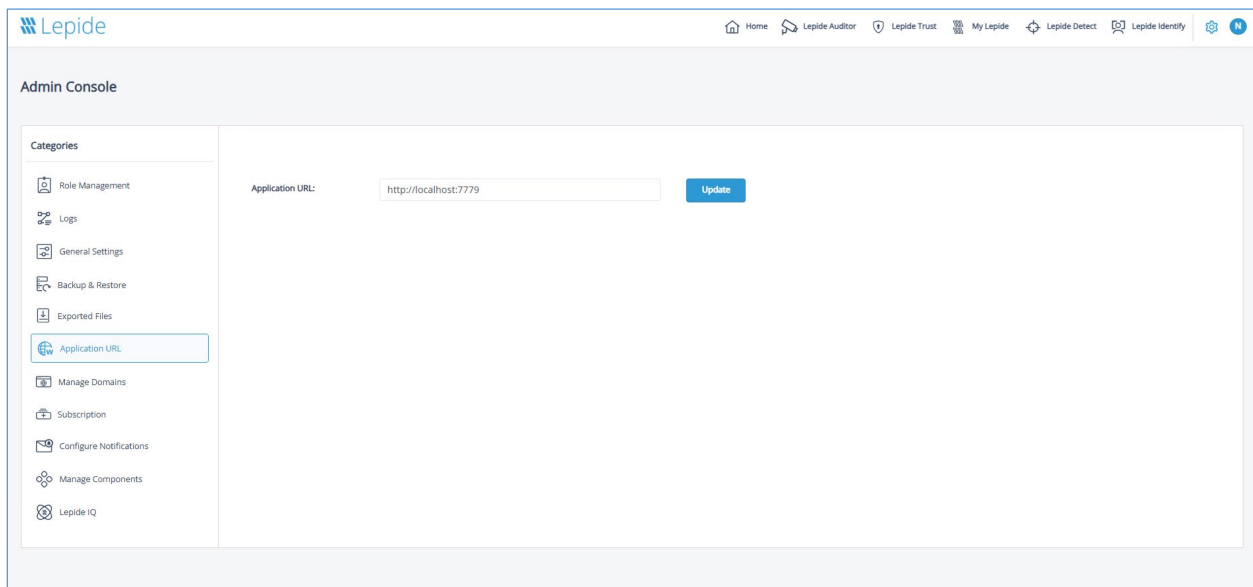
- Click the **Export Database** button
- The screen will show **Loading** at the top
- The export may take some time.
- When it is finished you will see the exported file in the **Exported Files** section of the Admin Console

- When it is finished you will see an SQL file in your Downloads folder. This will start with 'lepideReportViewer\_Backup' and will be an SQL file type.  
For example: lepideReportViewer\_Backup\_(19-00-02\_21-12-2022)
- This file can then be selected when importing the database

## 22.5 Application URL

This allows you to change the URL for the Web Console.

- From the Admin Console, select **Application URL**



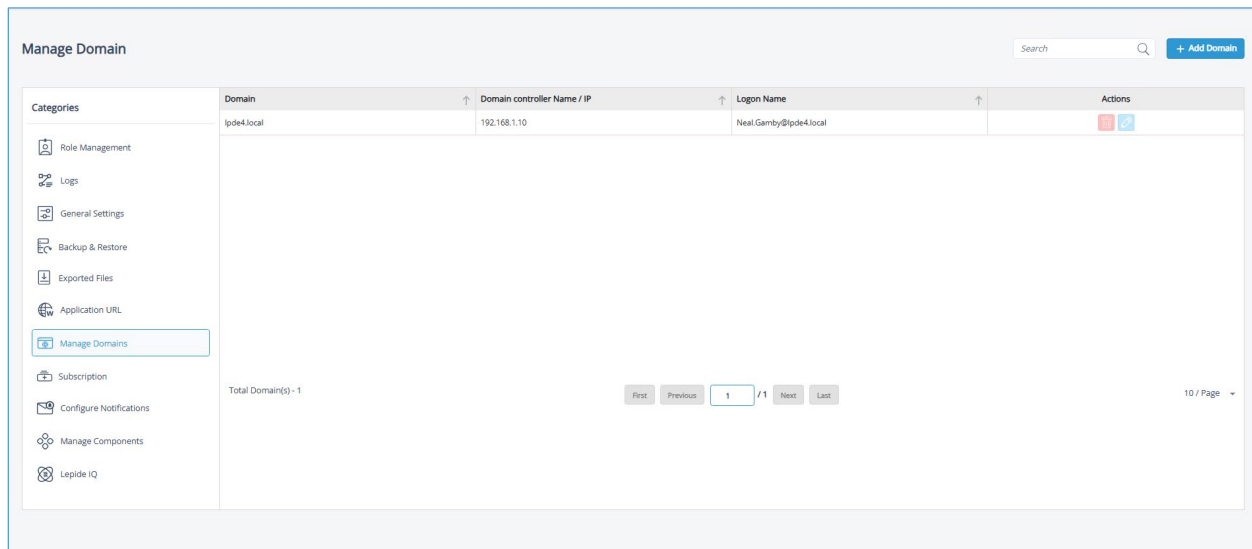
**Figure 151: Application URL**

- To change the URL, type it into the text box and click **Update**

## 22.6 Manage Domains

The Manage Domains option is used to add, delete or edit a domain.

- From the Admin Console, select **Manage Domains**



**Figure 152: Manage Domains**

- To add a domain, click the **Add Domain** button and the Add Domain dialog box will be displayed:

The 'Add Domain' dialog box contains the following fields and buttons:

- Domain Name:
- Domain controller Name / IP :
- User Name:
- Password:
- Buttons: Cancel, Add

**Figure 153: Add Domain**

- Type the domain credentials and click **Add**
- To edit an added domain, click the **Edit** icon
- To delete an added domain, click the **Delete** icon



## 22.7 Subscription

Please refer to Section 16 for details about Subscriptions.

## 22.8 How to Configure Data Discovery and Classification Notification

Notifications relating to the scanning status of Data Discovery and Classification are configured in the Web Console. The configuration of Data Discovery and Classification itself is done in the Main Console and instructions on how to do this can be found in the [Data Discovery and Classification Configuration Guide](#). Once Data Discovery and Classification has been configured, notifications about the scan status can be enabled in the Web Console and are received by email to the specified email address(es).

To enable and configure notifications:

- From the Admin Console window, select **Configure Notifications** and the Data Discovery and Classification Notification window will be displayed:

The screenshot shows the 'Configure Notifications' interface. On the left, a sidebar lists categories: Role Management, Logs, General Settings, Backup & Restore, Exported Files, Application URL, Manage Domains, Subscription, **Configure Notifications** (highlighted), Manage Components, and Lepide IQ. The main area is titled 'Data Discovery and Classification Notification'. It contains two checkboxes: 'Notify When Scan Starts' (unchecked) and 'Notify On Scan Status' (checked). Below these is a 'Notification Every' dropdown set to '1' with the unit 'Hour(s)'. There is a 'Sender's Email Account' dropdown set to 'Please Select' and an 'Add New Email Account' button. A 'Recipient Email Address(es)' text area is present, with a note 'Separate multiple email by ";"'. An 'Apply' button is at the bottom right.

**Figure 154: Configure Notifications**

- Check one or both of the following options:
  - **Notify When Scan Starts** option - to receive an email when the scan starts
  - **Notify On Scan Status** – to receive regular email updates on the scan status
- Specify the regularity of the emails by choosing the number of hours (between 1 and 24) from the drop-down list in the **Notification Every x Hour(s)** option

- Select the **Sender's Email Account** from the drop-down list. If the email does not appear in the list, click the **Add New Email Account** button to add the email account
- Add the **Recipient Email Address(es)** in the text box, separating multiple emails with a ','.
- Click **Apply**

## 22.9 Manage Components

Please see Section 7 of this guide for details on managing components.

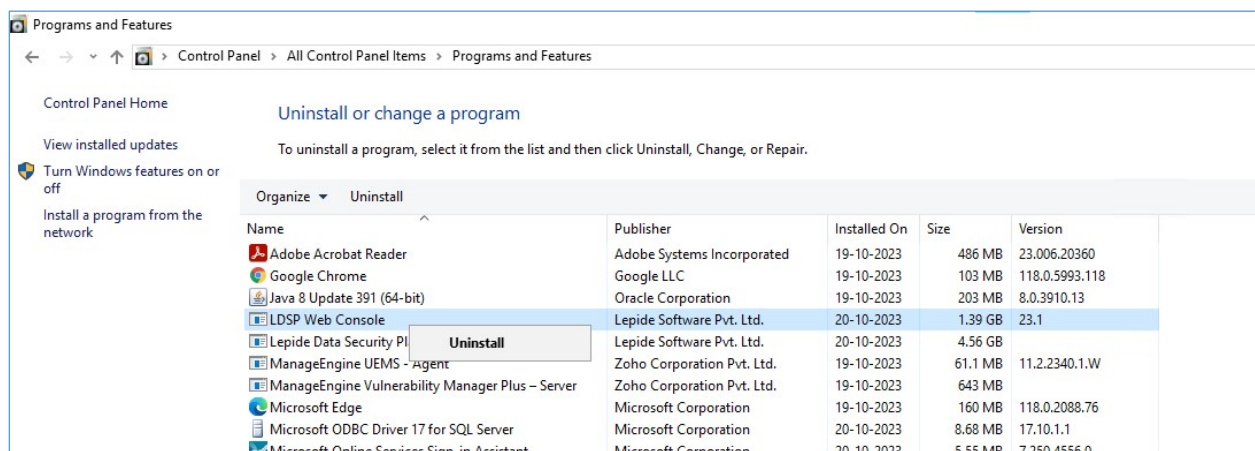
### 22.10 Lepide IQ

Please see Section 8 of this guide for details on Lepide IQ.

## 23 How to Uninstall the LDSP Web Console

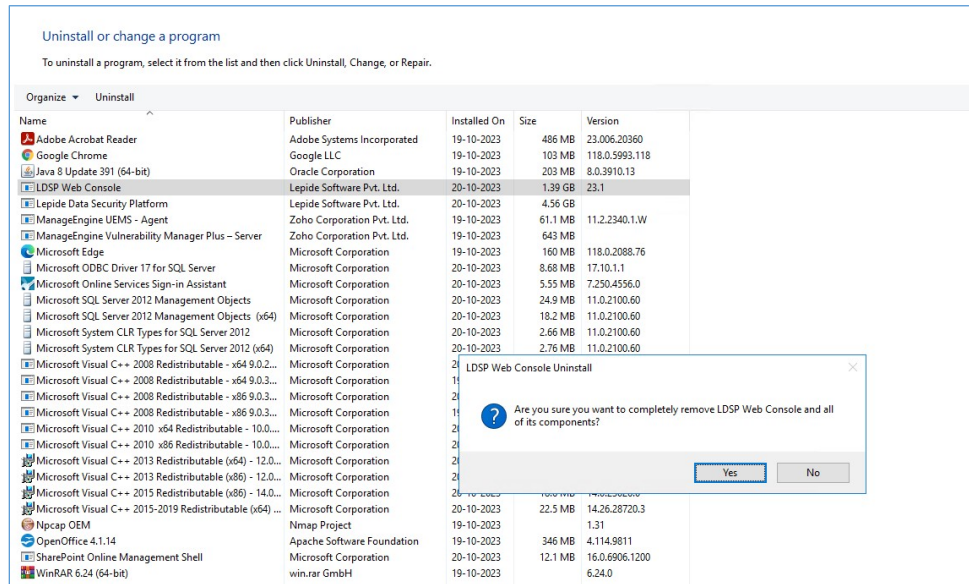
To uninstall the Web Console follow the steps below:

- Go to **Control Panel, All Control Panel Items, Programs and Features**
- Right click on the **LDSP Web Console**



**Figure 155: Uninstall the LDSP Web Console**

- Select **Uninstall**



**Figure 156: Confirm Uninstallation**

A confirmation dialog box will be displayed.

- Select **Yes** to confirm you want to remove the LSP Web Console

The **Uninstall Status** box will be displayed:

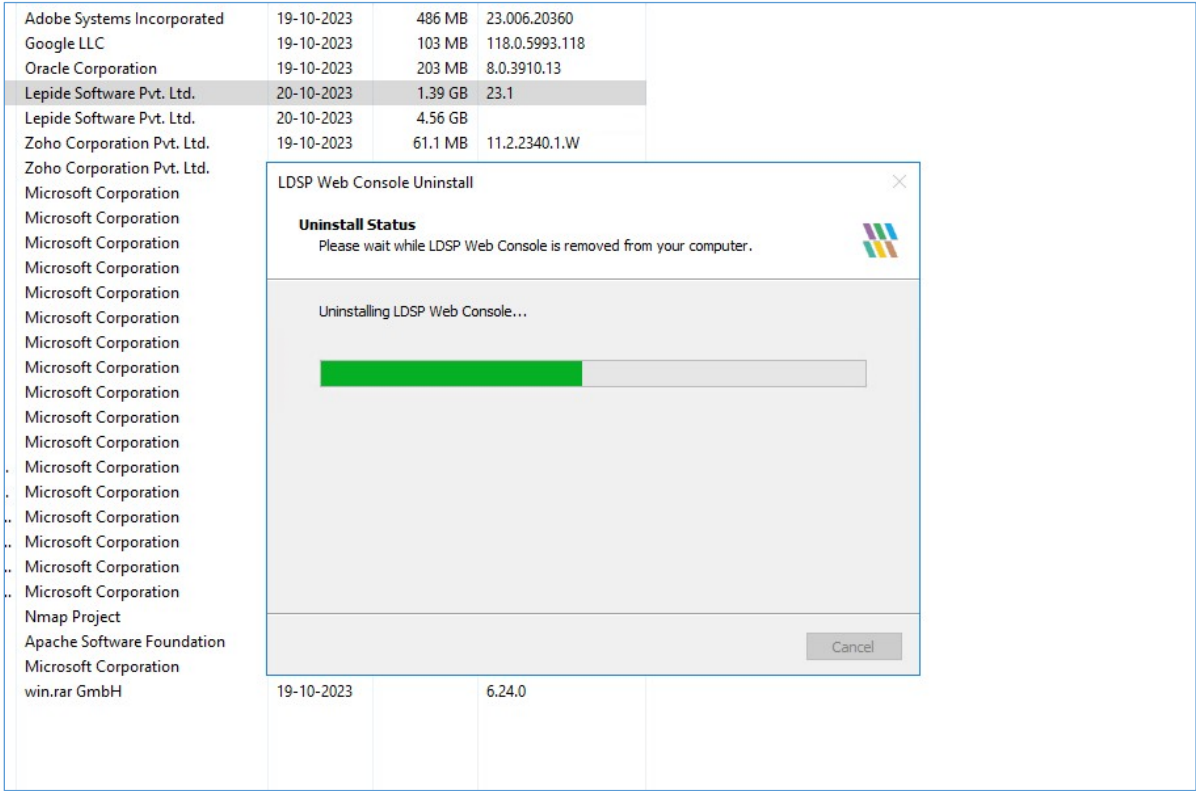


Figure 157: Uninstall Status

- When finished, a message box will be displayed confirming that the uninstall is complete. Any elements which could not be removed can be removed manually.



## 24 Support

If you are facing 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](mailto:sales@Lepide.com)

[support@Lepide.com](mailto:support@Lepide.com)

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

## 25 Trademarks

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