

Google Workspace.

Quick start guide.

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1 Introduction

The Lepide Data Security Platform provides a comprehensive way to provide visibility across Active Directory, Group Policy, Exchange on-premises, M365, SharePoint, SQL Server, Windows File Server, NetApp Filer, EMC Isilon, Nasuni (NMC), Nutanix, AWS S3, Dropbox, Google Workspace and every platform which can provide an integration with Syslogs and RestAPI.

This guide takes you through the process of standard configuration of the Lepide Data Security Platform for Google Workspace (formerly G Suite). For information on installation, please see our [Installation and Prerequisites Guide](#).

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

2 Steps to Register an App and Generate the Client ID and Client Secret Key for G Suite

Step 1: Enable Google APIs and Create a Project

1. Go to the **Google Cloud Console**
(<https://console.developer.google.com/start/api?id=appactivity>)
2. Sign in with your Google Workspace (GSuite) account
3. Click on the **Select a project** dropdown (top left) and click **New Project**
4. Name your project and click **Create**
5. Once the project is created, select it from the project list

Step 2: Enable the Required APIs

(https://console.cloud.google.com/apis/library?project=_)

1. In the Cloud Console, go to **APIs & Services > Library**
2. Search for the API you need (Google **Drive API and Admin SDK API**)
3. Click on the API and then **Enable** it

Step 3: Create OAuth Credentials

1. Navigate to **APIs & Services > Credentials**
2. Click **Create Credentials > OAuth Client ID**



3. If you haven't configured the **OAuth consent screen**, follow these steps:
 - Click Configure Consent Screen
 - Select **Internal** (for GSuite users) or **External** (for public apps)
 - Fill in required fields (App Name, Support Email, Developer Contact)
 - Add scopes if needed (like Gmail, Drive, etc.)
 - Click Save and Continue

Step 5: Navigate to Credentials

- Click on the **Navigation Menu (☰)** (top-left corner)
- Go to APIs & Services > Credentials.

Step 6: Click "Create Credentials":

- Select OAuth Client ID

Step 7: Find "Application Type":

- You will see a section labeled Application Type
- Choose from the options:
 - **Web application** → For web-based apps
 - **Desktop app** → For local applications
 - **Android** → For mobile apps on Android
 - **iOS** → For iPhone/iPad apps

Step 8: Get Client ID and Secret Key

After creation, you will see a dialog box with:

- **Client ID**
- **Client Secret**
- Copy these and **store them securely**.
- You can also download them as a JSON file for API authentication.

3 Add GSuite

After you have installed the Solution and configured the Lepide service to run with administrative credentials, you can add a G Suite component for auditing.

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:

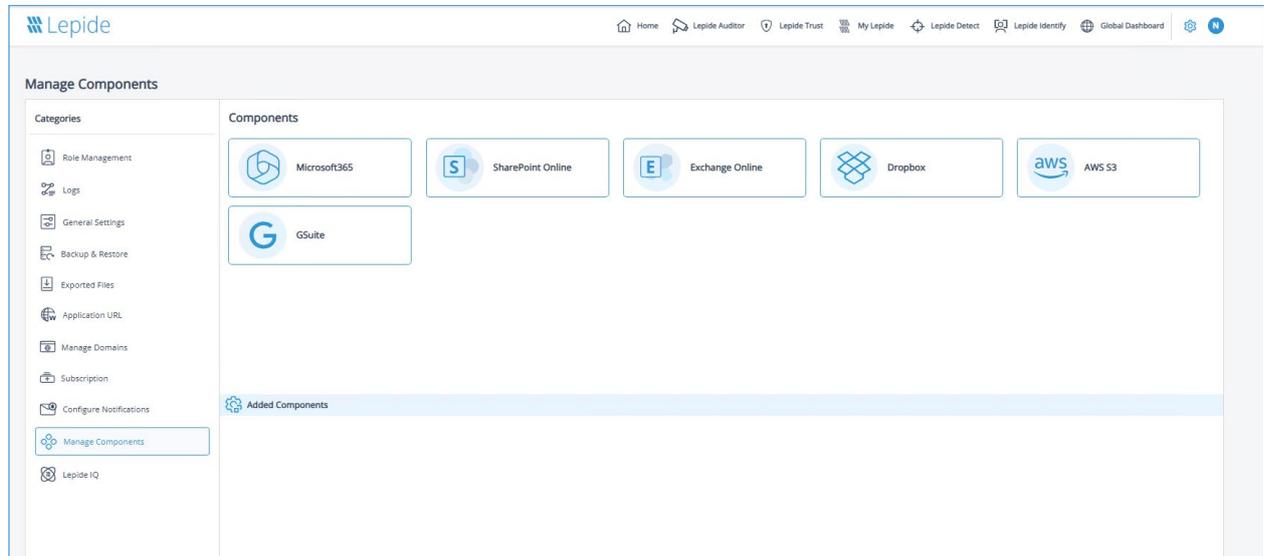


Figure 1: Manage Components

- From the Component Management window, click on the **GSuite** icon to add this component to the solution.

The Add Credential for GSuite dialog box is displayed:

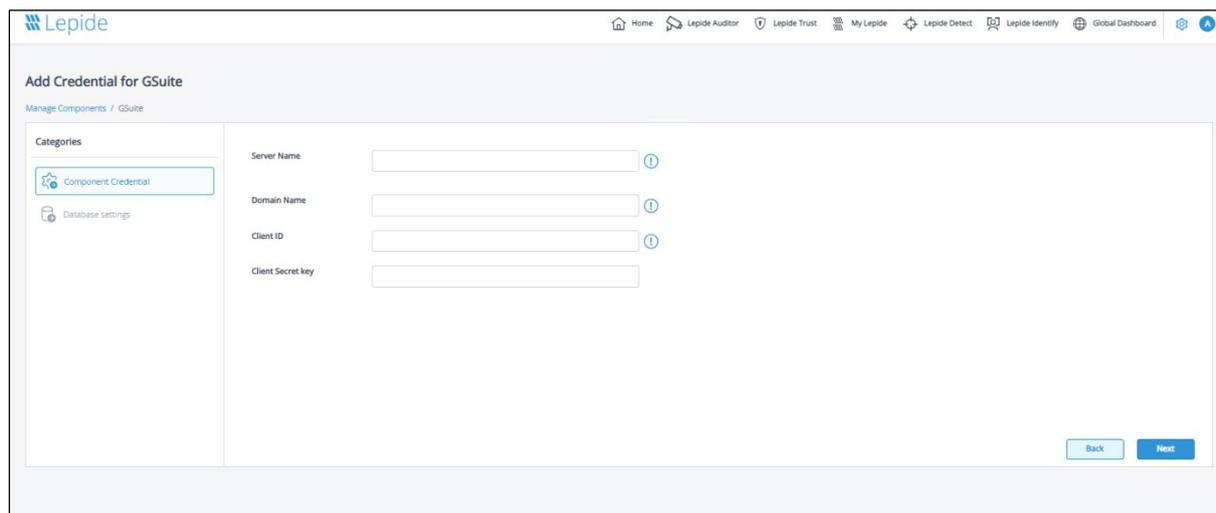
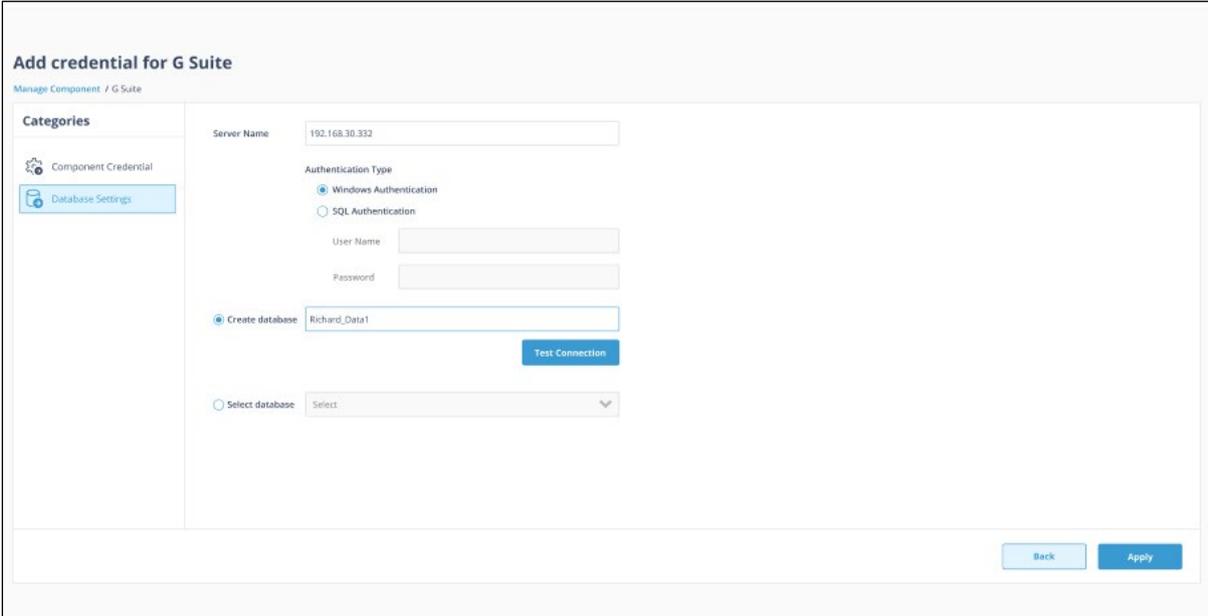


Figure 2: Component Credential

- 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, please refer to Section 2 of this guide.
- Add the **Client Secret Key**
- Click **Next** to continue

The Database Settings window is selected:



The screenshot shows the 'Add credential for G Suite' interface. On the left, under 'Categories', 'Database Settings' is selected. The main area contains the following fields and options:

- Server Name:** 192.168.30.332
- Authentication Type:** Windows Authentication (selected), SQL Authentication
- User Name:** (empty field)
- Password:** (empty field)
- Create database:** Richard_Data1 (with a 'Test Connection' button)
- Select database:** Select (dropdown menu)

At the bottom right, there are 'Back' and 'Apply' buttons.

Figure 3: 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 Apply**

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

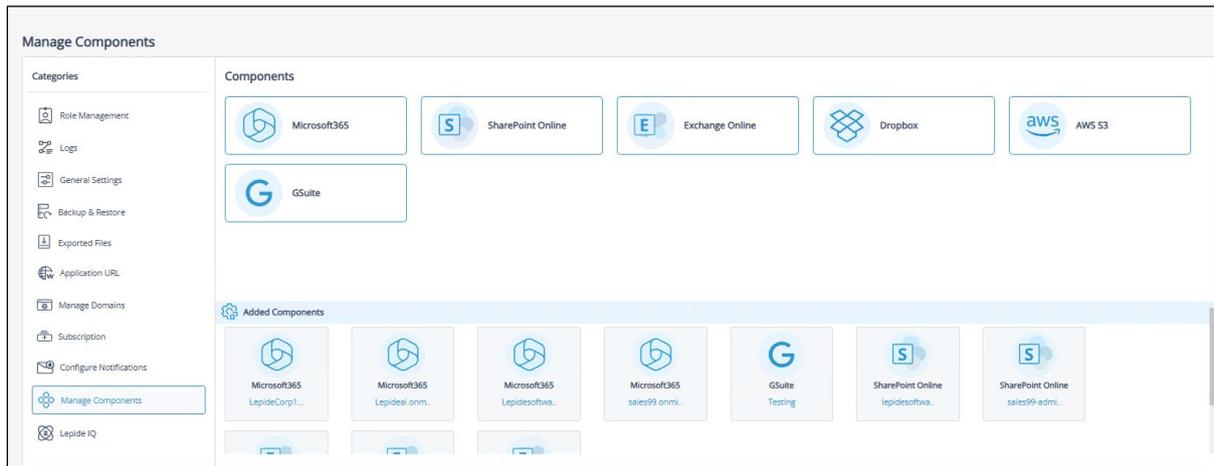


Figure 4: Added GSuite Component

4 Edit the GSuite Component

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

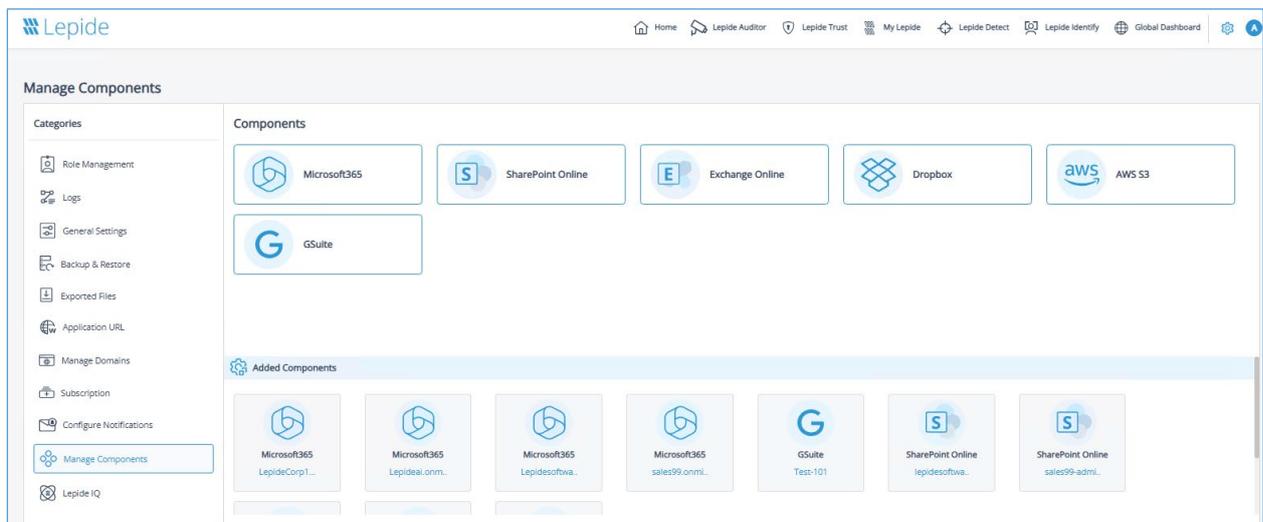


Figure 5: Manage Components

The credential window will be displayed:

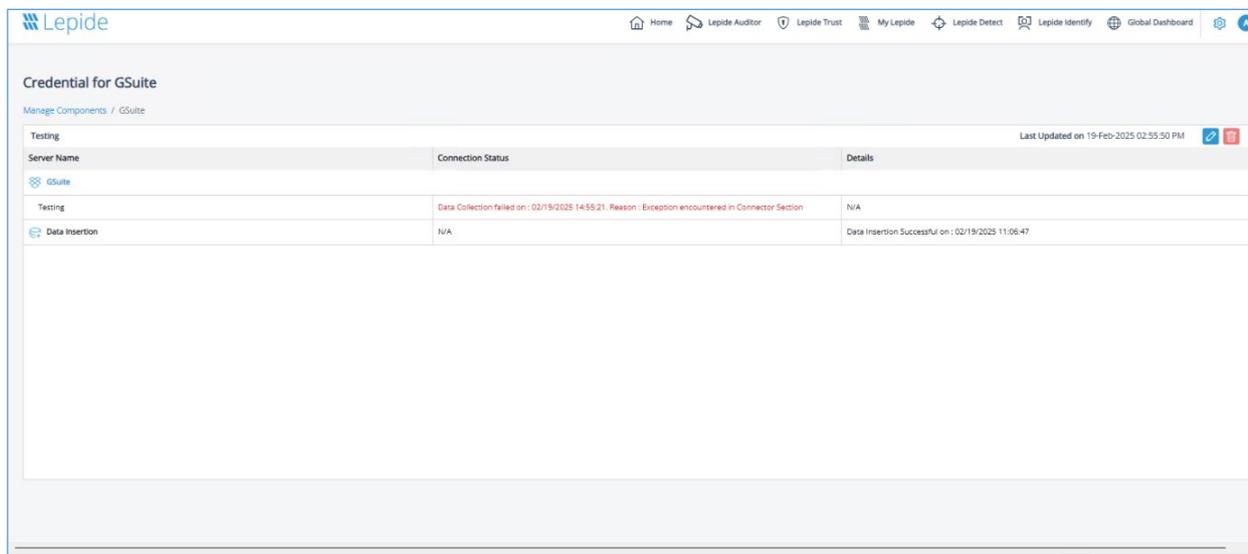


Figure 6: Credential Window

- Click on the edit icon 

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

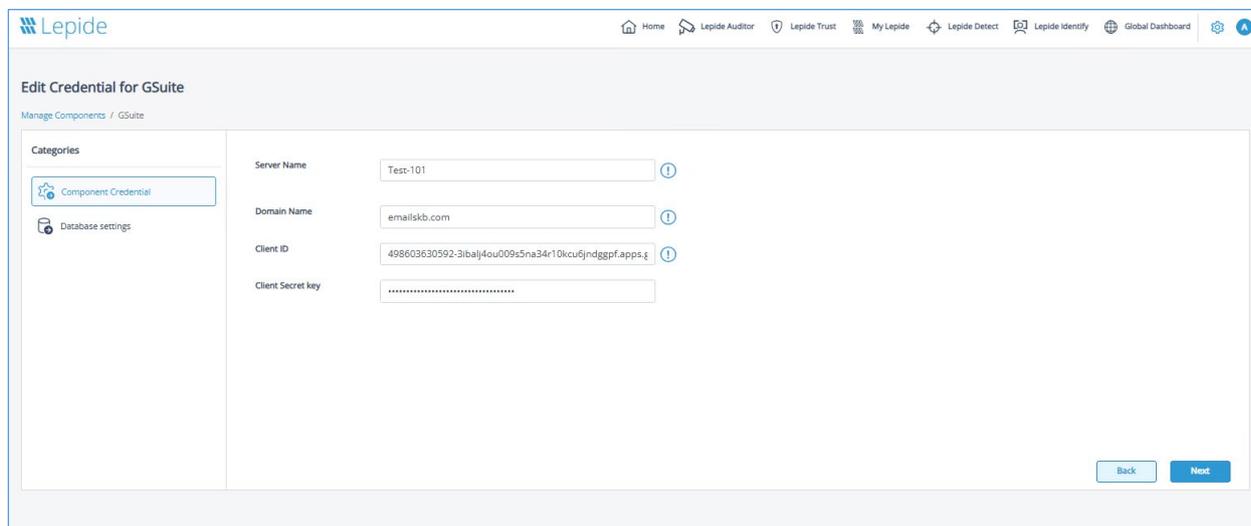


Figure 7: Edit Credential

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

5 Run a Report to show GSuite Changes

Once the GSuite component has been installed, you can generate the All Environment Changes Report to see all changes which have taken place within GSuite:

- From the web console Home screen, choose **Lepide Auditor**
- From the **Lepide Auditor** menu at the top of the screen, choose **Reports**
- Select the All Environment Changes Report
- Click the Filter icon  to filter by the GSuite component:

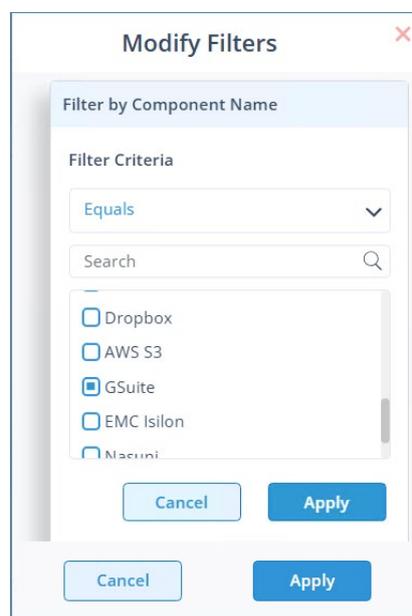


Figure 8: Filter on the GSuite Component

- Click **Apply**
- Select a time frame if required or leave as the default of today's date
- Click **Generate Report**

Report
Report Name - All Environment Changes
Filters: Component Name: [[Equals [GSuite]]
Home / Lepide Auditor / Reports / All Environment Changes

Feb 19, 2025 - Feb 19, 2025 Generate Report Export

| Component Name | Server Name | Object Path | Object Type | Who | When | Operation | Content Type | Compliance | Risk Level | Monetary Value | What | Where |
|----------------|-------------|-----------------------|---------------|----------------------|-------------------------|-------------------|--------------|------------|------------|----------------|--------------------|---------------|
| GSuite | Testing | Google Chrome | Token | sudesh@emaliskb... | 19-Feb-2025 11:10:11 AM | authorize | N/A | N/A | N/A | N/A | sudesh@emaliskb... | 180.151.74.13 |
| GSuite | Testing | Google Chat to Tea... | Token | ram@emaliskb.com | 19-Feb-2025 11:04:07 AM | authorize | N/A | N/A | N/A | N/A | ram@emaliskb.c... | 180.151.27.41 |
| GSuite | Testing | Google Chat to Tea... | Token | admin@emaliskb.c... | 19-Feb-2025 11:04:07 AM | authorize | N/A | N/A | N/A | N/A | admin@emaliskb... | 180.151.27.41 |
| GSuite | Testing | Google Chat to Tea... | Token | jason@emalixport2... | 19-Feb-2025 11:04:07 AM | authorize | N/A | N/A | N/A | N/A | jason@emalixpo... | 180.151.27.41 |
| GSuite | Testing | Google Chat to Tea... | Token | sudesh@emaliskb... | 19-Feb-2025 11:04:07 AM | authorize | N/A | N/A | N/A | N/A | sudesh@emalisk... | 180.151.27.41 |
| GSuite | Testing | Google Chat to Tea... | Token | sudesh@emaliskb... | 19-Feb-2025 11:03:40 AM | authorize | N/A | N/A | N/A | N/A | sudesh@emalisk... | 180.151.27.41 |
| GSuite | Testing | jason@emalixport2... | USER SETTINGS | sudesh@emaliskb... | 19-Feb-2025 10:43:26 AM | CHANGE PASSWORD | N/A | N/A | N/A | N/A | Password of use... | 180.151.27.41 |
| GSuite | Testing | N/A | ALERT CENTER | sudesh@emaliskb... | 19-Feb-2025 10:42:15 AM | ALERT CENTER VIEW | N/A | N/A | N/A | N/A | Operation: -ALE... | 180.151.27.41 |
| GSuite | Testing | Google Chrome | Token | sudesh@emaliskb... | 19-Feb-2025 10:42:12 AM | authorize | N/A | N/A | N/A | N/A | sudesh@emalisk... | 180.151.27.41 |
| GSuite | Testing | Google Chrome | Token | sudesh@emaliskb... | 19-Feb-2025 10:41:28 AM | revoke | N/A | N/A | N/A | N/A | sudesh@emalisk... | 180.151.27.41 |

Total Records: 25 First Previous 1 / 3 Next Last 10 / Page

Figure 9: All Environment Changes Report

6 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

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

sales@Lepide.com

support@Lepide.com

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

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

7 Trademarks

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