Auditing Cloud Components with LepideAuditor – Dropbox, OneDrive, Azure AD, AWS S3, Skype for Business and G Suite
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Introduction

LepideAuditor now enables users to audit cloud platforms; including Dropbox, Microsoft OneDrive and Azure AD. The process for configuring LepideAuditor to audit these components is a simple one.

Dropbox Auditing

Adding a Dropbox Account

LepideAuditor audits your Dropbox for Business accounts and provides you with insight into user interactions with files and folders. Follow the below steps to add your Dropbox account to LepideAuditor:

1. Go to Component Management and click on Cloud Components to add your Dropbox account.

2. In the next window, please click on Dropbox icon.

Figure 1: Component Management in LepideAuditor
3. In the next window, enter the Component Name for your reference and the Authentication Token (which you will need to generate from the Dropbox portal). To generate the authentication token:

   i. Log into the Dropbox account that is to be audited.
   
   ii. Go to https://www.dropbox.com/developers/apps
   
   iii. Click on “Create App”.
   
   iv. Select the below options:

      a. Choose an API – Dropbox Business API
      
      b. Choose the type of access you need – Team Auditing
      
      c. Name your app – Type a suitable name here, for example, LepideAuditor
   
   v. Once the app is created, the app information page appears with the details. Scroll down to the ‘OAuth’ section and click on “Generate” to see the generated token.
      
   vi. Save this token and paste it in the “Token” field on this page to validate the authentication.
4. Click Next and Select your SQL settings in this window.

![Database Settings](image)

*Figure 3: Selecting SQL Settings*

5. The Archive Settings window will appear. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.
6. Click Finish to save the settings. You will get a popup asking you to restart the software. Once you restart it, you will be able to see it under Component Management.
Viewing the Reports

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select Dropbox from the list as shown.

Creating a Schedule for the Reports

1. To create a schedule on the Dropbox events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the “All Environment Changes” report and click Next.
3. In this window, please add Dropbox from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.

![Set Filter(s)](image)

*Figure 9: Setting Filters*

4. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.
5. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.
6. Enter a Schedule Name in the text box and click Finish.
7. Your Schedule will be saved with the specified name in the Scheduled Reports.
OneDrive Auditing

Adding an OneDrive Account

OneDrive (previously SkyDrive, Windows Live SkyDrive, and Windows Live Folders) is a file hosting service operated by Microsoft as part of its suite of Office Online services. It allows users to store files as well as other personal data like Windows settings or BitLocker recovery keys in the cloud. Files can be synced to a PC and accessed from a web browser or a mobile device, as well as shared publicly or with specific people. LepideAuditor helps you to audit changes being made in the OneDrive storage and stay up to date with user interactions with your most confidential data.

1. Go to Component Management and click on Office 365 to add your OneDrive account.

![Figure 14: Component Management in LepideAuditor](image)

2. On the next window, enter the credentials for the Microsoft account and click Next.
3. On the next window, select OneDrive Component and click Next.
4. Click Next and Select your SQL settings in this window.
5. Next window is for Archive settings. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.
6. Click Finish to save the settings. You will get a popup asking you to restart the software. Once you restart it, you would be able to see it under Component Management.

Viewing the Reports

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select OneDrive from the list as shown.
Creating a Schedule for the Reports

1. To create a schedule on the OneDrive events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the "All Environment Changes" report and click Next.

![Select Report(s)](image)

*Figure 21: Select Reports*

3. In this window, please add OneDrive from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.
4. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.
5. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.
6. Enter a Schedule Name in the text box and click Finish.
7. Your Schedule will be saved with the specified name in the Scheduled Reports.
Auditing Azure AD

Adding an AD Azure Account

Azure Active Directory (Azure AD) is Microsoft’s multi-tenant, cloud-based directory, and identity management service that combines core directory services, application access management, and identity protection into a single solution. Azure AD also offers a rich, standards-based platform that enables developers to deliver access control to their applications, based on centralized policy and rules.

LepideAuditor helps you to audit the changes being made in the Azure AD and stay up to date with the user interactions with your most confidential data.

1. Go to Component Management and click on Office 365 to add your Azure AD account.
2. On the next window, please enter the credentials for the Microsoft account and click Next.
3. On the next window, please select "Azure AD" Component and click Next.
4. Click Next and Select your SQL settings in this window.
5. Next window is for Archive settings. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.
6. Click Finish to save the settings. You will get a popup to restart the software. Once you restart it, you would be able to see it under Component Management.

**Viewing the Reports**

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select Azure Active Directory from the list as shown.
Creating a Schedule for the Reports

1. To create a schedule on the Azure AD events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the “All Environment Changes” report and click Next.

![Figure 34: Select Report(s)](image)

3. In this window, please add Azure Active Directory from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.
4. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.
5. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.

![Select Schedule(s)](image)

*Figure 37: Select Schedule(s)*

6. Enter a Schedule Name in the text box and click Finish.
7. Your Schedule will be saved with the specified name in the Scheduled Reports.
Amazon S3 Auditing

Adding an Amazon S3 account

LepideAuditor audits your Amazon S3 accounts and provides you with insight into user interactions with files and folders. Follow the below steps to add your Amazon S3 account to LepideAuditor:

1. Go to Component Management and click on Cloud Components to add your Amazon S3 account.
2. In the next window, please click on Amazon S3 icon.
3. On the next screen please enter your “AWS Access Key” and “AWS Secret Key” and click on Validate Information. If the information is correct, you will get this pop-up.
4. Click Next and Select your SQL settings in this window.
5. The Archive Settings window will appear. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.
6. Click Finish to save the settings. You will get a popup asking you to restart the software. Once you restart it, you will be able to see it under Component Management.
Viewing the Reports

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select AWS S3 from the list as shown.

Creating a Schedule for the Reports

1. To create a schedule on the AWS S3 events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the “All Environment Changes” report and click Next.
3. In this window, please add AWS S3 from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.

![Set Filter(s)](image)

*Figure 49: Setting Filters*

4. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.
5. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.
6. Enter a Schedule Name in the text box and click Finish.
7. Your Schedule will be saved with the specified name in the Scheduled Reports.

Figure 52: Confirmation

Figure 53: Scheduled Reports
Skype for Business Auditing

Adding a Skype for Business Account

LepideAuditor helps you to audit changes being made in the Skype for Business Account. Please follow the below steps to configure a Skype for Business account:

1. Go to Component Management and click on Office 365 to add your OneDrive account.

![Component Management in LepideAuditor](image)

2. On the next window, enter the credentials for the Microsoft account and click Next.
3. On the next window, select Skype for Business Component and click Next.
4. Click Next and Select your SQL settings in this window.
5. Next window is for Archive settings. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.
6. Click Finish to save the settings. You will get a popup asking you to restart the software. Once you restart it, you would be able to see it under Component Management.

**Viewing the Reports**

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select Skype for Business from the list as shown.
Creating a Schedule for the Reports

1. To create a schedule on the OneDrive events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the “All Environment Changes” report and click Next.

![Select Report(s)](image)

*Figure 61: Select Reports*

3. In this window, please add Skype for Business from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.
8. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.

9. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.
10. Enter a Schedule Name in the text box and click Finish.
11. Your Schedule will be saved with the specified name in the Scheduled Reports.
G Suite Auditing

Adding a G Suite account

LepideAuditor audits your G suite accounts and provides you with insight into user interactions with files and folders. Follow the below steps to add your G Suite account to LepideAuditor:

1. Go to Component Management and click on Cloud Components to add your G Suite account.

   ![Figure 67: Component Management in LepideAuditor]

2. In the next window, please click on G Suite icon.

   ![Figure 68: Select the Component to Configure]
3. On the next screen please enter the details as mentioned.

![Authentication Information](image)

*Figure 69: Authenticate Information*

4. Click Next and Select your SQL settings in this window.
5. The Archive Settings window will appear. Please select your SQL server and either create a new DB for the archiving or select an existing one. You can set a schedule for archiving by clicking on the Weekly and Monthly tabs.

Figure 70: Selecting SQL Settings
6. Click Finish to save the settings. You will get a popup asking you to restart the software. Once you restart it, you will be able to see it under Component Management.
Viewing the Reports

The reports will be visible in the “All Environment Changes” under “States and Behavior”. Please filter the records based on Components at the top and select G Suite from the list as shown.

Creating a Schedule for the Reports

1. To create a schedule on the G Suite events, please go to the Schedule Report Option from the left and Click on the following icon.
2. This will open a different window where you need to select the “All Environment Changes” report and click Next.
3. In this window, please add G Suite from the tab “Component Name”. You can select multiple filters here based on Object Path, Object Type, Who, Operation and Criticality.

![Set Filter(s)](image)

*Figure 76: Setting Filter(s)*

4. Set the Report Delivery Settings in the next window and select the Delivery Mechanism.
5. On the next window, please set the delivery schedule to Daily/Weekly/Monthly as shown in the picture.
6. Enter a Schedule Name in the text box and click Finish.
7. Your Schedule will be saved with the specified name in the Scheduled Reports.
Support

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

**Product experts**

USA/Canada: +1-800-814-0578  
UK/Europe: +44(0)-208-099-5403

**Technical gurus**

USA/Canada: +1-800-814-0578  
UK/Europe: +44(0)-208-099-5403

Alternatively, visit [http://www.lepide.com/contactus.html](http://www.lepide.com/contactus.html) to chat live with our team. You can also email your queries to the following addresses:

sales@Lepide.com

support@Lepide.com

To read more about the solution visit [http://www.lepide.com/lepideauditor/](http://www.lepide.com/lepideauditor/).
Copyright

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