%Lepide

CONFIGURATION GUIDE

DATA RETENTION

Table of Contents

1	Introduction	3
2	Setting Up an Archive Profile	3
3	Restoring the Archived Data	5
4	How to Report on the Restored Data	7
	4.1 The Explore Backup Module	7
5	Other Archive Options	11
6	Support	13
7	Trademarks	13



1 Introduction

The Archive process allows you to configure and schedule the automatic archiving of auditing logs stored in the main database.

2 Setting Up an Archive Profile

NOTE: In this guide, we will look at adding an archive profile for an Active Directory component, but the steps to do this can also be applied to other components as the process is similar.

Follow the steps below to set up an Archive Profile:

• Click on the Archive & Import option from the Settings screen of the Lepide Data Security Platform

The Archive Settings screen will be displayed:

	Settings									
	Component Management Gilpde4.local	Archive Settings								
8	- DMD01(SQL)									
•	> lepidesoftware-admin.sharepr									
~	He Servers LepideSoftware.onmicrosoft.c					1		¢) / ×	5
	General Settings	Component Type	Component Name	Schedule Details	Restore	Archive	Status	Action		
	Current Permission Scan Settings Message Delivery Settings									
ſ	- Default SQL Server Settings									
8.										
_	Agent settings DSP Web Console									
朣	Archive & Import									
_										
5										
\$										
-										
ଛ										
			F	igure 1: Archive :	Settings	5				





		×							
Archive Databas	e								
Component Name	Active Directory, Group Policy and Exchange Server								
Server Name :	Ipde4.local ×								
SQL Server :	DMD01								
Database Name	Lepide-AD								
Archive Path :									
Delete archived fi	le(s) older than Days								
Archive Now									
Schedule Archive	Monthly								
Archive data older th	Archive data older than or equal to : Days								
Delete records from current database after archiving									
Shrink database a	fter archive								
	OK Cancel								

Figure 2: Archive Database

The **Component Name** drop down menu will display a list of all the installed components.

- Enter the details as required into the Archive Database dialog box. The Active Directory options are as follows:
 - 1. Select the **Component Name** from the drop down list of installed components
 - 2. Select the Server Name from the drop down list of servers
 - 3. Specify the archive path where the archived data will be stored. Use the ______ icon to Browse and select a path from here
 - 4. Select **Delete archived file(s) older than x days** for automatic deletion of archived files older than the number of days you specify
 - 5. Select **Archive Now to** start the archive process when you click **OK**
 - 6. Select **Schedule Archive** to specify a regular Weekly or Monthly time to start the archive process
 - 7. Specify the age of the data which is to be archived in the **Archive data older than or equal to x days** option
 - 8. Select the **Delete records from current database after archiving** option to remove the archived records from the database. This means that the records will no longer be available in the Lepide Data Security Platform. If you do need to analyze these records after they have

been deleted, then you can restore the archive and run the Explore Backup Module. Please see Sections 3 and 4 of this guide for more information on how to do this.

- 9. Select **Shrink database after archive** to reduce the database size once the archive process has run
- Click **OK** when finished

The new profile will be added to the Archive Settings screen showing the schedule details:



Figure 3: Archive Settings with an Archive Profile Set Up

3 Restoring the Archived Data

The restore option, from the Archive Settings screen, will restore the archived data into the database specified. It will not restore the data into the main Lepide Data Security Platform database so to analyze the restored data, use the Explore Backup module which is explained in Section 4.1 of this guide.

To restore the archived data:

• Click **Restore Now** from the Archive Settings screen:



The Restore Data dialog box is displayed:

)
Restore Data		
Select Destination Sou	Irce	
SQL Server :	1	
	Windows Authentication	
	OSQL Authentication	
	User Name :	
	Password	
	Test Connection	
Database Name :]
Set Archive Path :		1
		-
Delete Restored	Database After Days	
Select Date Ran	ge	
Start Date :	Nov/02/2023 12:00 AM 👻 🧘	
End Date :	Nov/02/2023 11:59 PM 😤 🌲	
	OK Cancel	

Figure 4: Restore Data

- Specify the following options:
 - Enter the **SQL Server** name or use the icon to select the Server name from a list
 - Use SQL Authentication and enter the User Name and Password
 - Click Test Connection
 - Specify the **Database Name**
 - Specify the archive path in the **Set Archive Path** box. This is the location of the archived database
 - Select Delete Restore Database After xxx Days if you want the restored database to be deleted later
 - Select the **Date Range** of the data to be restored



	and the second		
			×
Restore Data			
Select Destination Sour	ce		
SQL Server :	DMD01]
	Windows Authe	entication	
	SQL Authenticat	ion	
	User Name :	sa	
	Password	*******	
		Test Connection	
Database Name :	RestoreDB		
Set Archive Path :	c: \users \sarah \SQI	L Archive\AD\Lepide-AD	
Delete Restored	Database After	Days	
Select Date Rang	e		
Start Date :	lan /02/2021 01:00 AM	▼	
End Date :	Joy/02/2021 11:59 PM	▼ ≜	
		Canad	
	UK	Cancer	

Figure 5: Restore Data Options

• Click **OK**

The data is restored to the specified database

4 How to Report on the Restored Data

If the option **'Delete records from current database after archiving'** has been selected when creating the archive profile, the archived data will not be accessible from within the Lepide Data Security Platform once the archive has run. However, if this archived data is first restored using the restore process described above, then the data can be analyzed using the Explore Backup Module.

4.1 The Explore Backup Module

Once archived data has been restored, reports can be run to explore the restored data. To do this, follow the steps below:

From the States & Behavior screen:

• Choose Explore Backup from the tree structure on the left hand side

The Component Selection dialog box will be displayed:



	×
Component Selection	
Select component	
and User Password Expiration Reminder	
SQL Server	
SharePoint Server	
Exchange Online	
File Server	
SharePoint Online	
Č.	
ок	

Figure 6: Component Selection

- Select the **Component** required
- Click **OK**

The Select database to explore dialog box will be displayed:

Component :	pde4.local	~
SQL Server Name :		
	Authentication	
	Windows Authentication	
	O SQL Authentication	
	User Name :	
	Password :	
	Test Connect	tion
Databace Name i		
Database Maine .		

Figure 7: Select Database to Explore

• Specify the following options:

- Select the **Component** from the drop down list
- Specify the **SQL Server Name**
- Choose SQL Authentication Add the User Name and Password
- Click Test Connection
- Specify the **Database Name**

loct database	to ovaloro				
lett uatabase	to explore				
Component :	lpde4.local				Ŧ
SQL Server Name :	DMD01				
	Authentication				
	Windows Authenti	cation			
	 SQL Authentication 	n			
	User Name :	sa			
	Password :	*******	:		
					
				Test Connection	۲
Database Name :	Lepide-AD				-

Figure 8: Select Database to Explore with Information Added

• Click **OK**

A list of available reports is displayed:

				×			
Event Log Clear Report Account Lockout Report	lpde4.local						
Group Policy Reports	Ipde4.local						
Exchange Modification Reports	This report shows the time when events are deleted from Security Log	This report shows all lockout account and investigate their reason					
	Event Log Clear Report	Account Lockout Report					
	All Modification Reports						
	This report shows all created objects	This report shows all deleted objects					
	Object Created	Object Deleted					
	This report shows all modified objects						
	Object Modifications			\sim			

Figure 9: Explore Backup Reports

- Select the report you want to use. In this example, Object Modifications has been chosen:
- The report is displayed:

E- Inde4.local	Ipde4.local\Object Modifications	¥ 🗹
Account Lockout Report	✓ Object Path +	
Active Directory Reports	Y Object Class +	
All Modification Reports	Y Who Modified +	
Object Created	Y When +	
Diject Modifications	Y Operation +	
E-J Logon/Logoff Reports	Y Where	
	▼ From +	
庄 🔚 Organizational Unit Repor		Generate Report
E Computer Reports	Grid View Graph View	
Group Reports	Drag a column header here to group by that column.	🔲 የፈ
Enter Reports	Object Path 7 Object Class Details	
E Shared Folder Reports	م م	
E		
Active Directory State Report		
E I User Password Expiration Rer Active Directory Cleaner		
Group Policy Reports		
Exchange Modification Reports	<pre></pre>	Þ

Figure 10: Object Modifications Report from Explore Backup

- Select any filter options you require for example specify a date/time period
- Click Generate Report

The report will run and using the restored data:

	Ipde4.local\Object N	N odifications								T	
a Report	7 Object Dath	115.cm									
Reports	T Object Path	-									
Modification I	Y Object Class +	Custom Date Range									
tion Reports	Y Who Modified +	11/2/2022 8:16 PM To									
eated	V When +	F									
t Deleted	V Operation										
Modifications	7										
e Preports	a where	•									
nots	Y From +	•									
nal Unit Repor										Generate Rep	
orts											
leports	Grid View Graph View								100		
ts	Drag a column header here to group	by that column.						Ш	Q 🛉	<u>-</u>	
of:	4 Object Path	J Object Class	J Who Modified	J When	17 Operation	3 What 3	Where		3	Datalle	
er Reports		0	0	0	0	0				Dealis	
arvices Repor	Viscolitado () Aria (Alian) Haran	Devel Here	I DDC// Marke Durks	10/18/2022 11/21/42 PM	Proventing Maddland	Presenting Maddind - Direct Association	ded01 lede (level		~		
Security Rep	Vice all lade () Dutter (Adenticited	han Crean	LPDC4 Marty Byrde	10/18/2023 11:21:42 PM	Munchers Restand	Marchan Paravad - CN-Devalues F	ded01.jpde4.jocal				
State Report	Vice spice 4 (Build) Vicini Israe	alden Creur	LPDE+Marty.byte	10/18/2023 11:20:42 PM	Members Perioved	Menbers Renoved - CN-Developer-E.	ded01/pde4/ocal				
Expiration Rer	Viscal (pde4 (Build) Renote De	esktop Group	LPDE+Marty.Byte	10/10/2023 11:20 42 PM	Members Added	Members Added : CN-Developer Ed	ded01.jpde4.jocal				
Cleaner	Viscol (pole 4 (bolici) in denicitie of	tern Group	L DDE/Maty Dyde	10/18/2022 11:15:52 PM	Manhan Added	Manham Addad - Chi-Developer Ed.	ded01 lode4 local				
ts	Vice Place Office User	Devel Here	L DDF/ Maty Dyne	10/18/2023 11:13:32 FM	Dependent Medical	Presenting Medical - Directorenet C	ded01 lede4 legal				
xon Heports	Viocal Viode (Microsoft Exchange	ne Sec Group	LPDE4/Mail Gamby	10/18/2023 5:52:00 PM	Mambara Added	Mambare Addad - muSarab Mambal	dod01.jpde4.jocal				
	Viocal/Inde/Ulizer/Scheme Ac	devine Group	LPDE/Meal Gamby	10/18/2023 5-51-50 PM	Mambara Added	Mambara Addad - cou Sarah Mambal	dod01.jpde4.jpcal				
	Viscal/Inded/Likes/Group Role	au Creat Group	I PDE//Next Camby	10/18/2022 5-51-50 PM	Mambara Added	Members Added : cn-Sarah Marshall	dod01.jpde4.jpcal				
	Vincal/Inde4/Asia Office/Likers	Sarah Heer	LPDE4/Neal Gamby	10/18/2023 5:51:50 PM	Permissions Modified	Permissions Modified : Access permiss	ded01.lpde4.local				
	Vincal/IndeA/LIK Office/Groups	NIK 44 Group	I PDE4/Meal Gamby	10/18/2023 5 51 50 PM	Members Added	Mambare Addad - oneSarah Mambal	ded01 inde4 local				
	Voca/Vode4\Asia Office\Lisers	Sash User	LPDE4\Neal Gamby	10/18/2023 5 51 50 PM	Properties Modified	Properties Modified : IUser-Account-C	dod01.jpde4.jpcal				
	Voca/Vode4/Users/Enterroise	Admins Group	LPDE4/Neal Gamby	10/18/2023 5:51:50 PM	Members Added	Members Added : couSarab Marshal	dod01.jpde4.jpcal				
	Voca/Vode4\Bultin\Administrat	tors Group	PDE4/Neal Gamby	10/18/2023 5:51:50 PM	Members Added	Members Added : cnuSarah Marshal	dod01 inde4 local				
	Voca/Vode4\Asia Office\Users	/Sarah User	LPDE4\Neal.Gamby	10/18/2023 5:51:50 PM	Properties Modified	Properties Modified : [User-Account-C.	dcd01.jpde4.jocal				
	Voca/Vode4\Builtin\Remote De	esktop Group	LPDE4/Neal Gamby	10/18/2023 5:51:50 PM	Members Added	Members Added : cn+Sarah Marshal	dcd01.jpde4.jocal				
	Voca/Vode4\Builtin\Remote M	lanagem Group	LPDE4\Neal Gamby	10/18/2023 5 51 50 PM	Members Added	Members Added : cn+Sarah Marshal	dcd01lpde4local				
	Voca/Vode4/Microsoft Exchan	ge Sec Group	LPDE4/Neal Gamby	10/18/2023 5:51:50 PM	Members Added	Members Added : cn+Sarah Marshal	dcd01.lpde4.local				
	Vocal/lode4\Asia Office\Users	Sarah User	LPDE4/Neal.Gamby	10/18/2023 5:51:50 PM	Created	User Created :-Vocal Vpde4\Asia Offic	dcd01.jpde4.jocal				
	Vocal/lpde4/Users/Domain Ad	tmins Group	LPDE4\Neal.Gamby	10/18/2023 5:51:50 PM	Members Added	Members Added : cn+Sarah Marshal,	dod01.jpde4.local				
	Vocal/lpde4\System\Policies\	(AE619 Container	LPDE4\Administrator	10/18/2023 12:00:01 AM	Created	Container Created :-Vocal/lpde4\Syste	dod01.jpde4.local				
	Vocal/lpde4/Computers/EXD0	01 Computer	LPDE4\EXD01\$	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [Service-Principal.	dcd01.lpde4.local				
	Vocal/lpde4/Configuration/Ser	nices\ Addresstemplate	LPDE4\Neal.Gamby	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [Original-Display	dcd01.lpde4.local				
	Vocal/lpde4/Configuration/Ser	nices\ Displaytemplate	LPDE4\Neal.Gamby	10/18/2023 12:00:01 AM	Created	Displaytemplate Created - Vocal/lpde4	dcd01.lpde4.local				
	Vocal/lpde4\System\Policies\	(AE619 Container	LPDE4\Administrator	10/18/2023 12:00:01 AM	Created	Container Created :-Vocal/Upde4\Syste	dod01.jpde4.local				
	Vocal/lpde4/Computers/EXD0	11 Computer	LPDE4\EXD01\$	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [Service-Principal.	dod01.jpde4.local				
	Vocal/lpde4/Configuration/Ser	Nices\ Addresstemplate	LPDE4\Neal.Gamby	10/18/2023 12:00:01 AM	Created	Addresstemplate Created :-Nocal Vpde	dod01.jpde4.local				
	Vocal/lpde4/Configuration/Ser	vices\ Displaytemplate	LPDE4\Neal.Gamby	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [Original-Display	dcd01.jpde4.local				
	Vocal/kpde4	Domain DNS	LPDE4\Administrator	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [GP-Link] Modifie	dcd01.lpde4.local				
	VocalNpde4\Configuration\Ser	rvices\ Displaytemplate	LPDE4\Neal.Gamby	10/18/2023 12:00:01 AM	Properties Modified	Properties Modified : [Original-Display	dcd01.lpde4.local				
			All second as	LODG BALLIC	10/10/2022 12:02:01 134	D	Design Market Policy and Design	1.1011.1.1.1.1.1			

Figure 11: Generated Object Modifications Report for Restored Data

- Run any of the other available reports you require from this window
- Close this report window when finished

5 Other Archive Options

\equiv	Settings								
	E Component Management	Archive Settings							
8	DMD01(SQL)	, active occurige							
	- Ispidesoftware.onmicrosoft.co								
6	- E> lepidesoftware-admin.sharepo								
-	LepideSoftware.onmicrosoft.c								0 / × 8
8	- General Settings	Component Type	Component Name	Schedule Details	Restore	Archive	Status	Action	
-	- Current Permission Scan Settings	Active Directory, Group Policy and Exchange Server	lpde4.local	N/A	Restore Now	Archive Now	Data Archived Successfully on 10/13/2023 2:02:40 AM		
<i>•</i>	Message Derivery Settings Default SQL Server Settings								
	- 🔂 UEBA								
~	- C Agent Settings								
E de la companya de l	- OF LDSP Web Console								
•									
-									
1									
8									
_									

Figure 12: Archived Settings Window

Other options available from the Archive Settings window are as follows:

- To archive the data now rather than at the scheduled time, click Archive Now
- To edit the archive profile, select the profile and click the Edit icon Image and the Edit icon

- To delete the archive profile, select the profile and click the **Remove** icon imes
- To delete the restored database, select the profile and click the **Delete the Restored DB** icon $\,$



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

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 <u>https://www.lepide.com/contactus.html</u> 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/.

7 Trademarks

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

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

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

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

