Kernel G Suite Backup

Troubleshooting Guide



'Unauthorized Client Error' in Kernel G Suite Backup Tool

When the Kernel G Suite Backup tool finds that the client does not have the sufficient authority to process the request, then the software gives an error:



Here is the complete process to overcome the error-

1. Login to Admin console of the G Suite account with the URL – <u>https://admin.google.com</u>

... 🖸 🏠 0 https://admin.google.com

2. In the search bar, type **API Controls** and click it.



Click the option 'Manage Domain-wide delegation' under Domain-wide 3. delegation.

Security + API controls				
		15 unwinnched Google services		
		MANAKAE GOOGLE SERVICES	MANAGE THIRD-PARTY APP ACCESS	
API controls				
Use these controls to enable or restrict access to Google Workspace Affet for customer-owned and theo-party splituations and service accounts. Reduce the risk associated with third party occess to	Settings	Show this message if a user tries to use an app	p that can't access restricted Google services	
Google Workspace APIs by limiting access to only trusted adds		Message (300 sharanters limit)		
		🛃 Trust Internal, damain-owned apps		
		Apps that you trust on the Google Workspace is access control list.	Marketplace, Andres or (05 whitelies are automatically trusted or your	App
			External.	Seve
	Domain-wide delegatio	'n		
	Developers can register their we registered clients to access your	b applications and other API clients with Google to enable user data without your users having to individually give or	access to data in Google services like Gmail. You can authorise these onsant or their passwords. Loain mixe	0
	MUNAGE DOMAIN WIDE DELEU	ATION		

Choose the service account and click the Edit option. 4.

tenciarity > APi-controls + Domain-v	vide delegation		
+ Add a filter			
Water 0	bert 0	Trapes:	
LADSS-APP 1	16474567751346027448		
Shaah/Test2907 1	16245133040271947519	Aud the directory generation of the directory group	Edi Dekta
Remai Migrator for SharePoint 3	56590390014-dig5v7g10rkpg8		100
Name: Migrator for SharePoint 7	56540380014-74bg82c90x907.		
Kernel Migrator for SherePoett 1	09393667091715349477	https://www.google.com 👘 //with/contacts.readerly) +E More	
E Suite Data Migration Service R	55661971872-e97x5ms5nds19.	https://mail.gangie.com/	
Kamal Appe 3	06624454215644759359		
Remel Appo Y	17164586389156914306		
Kamal Appo 1	16207848903600097243	/wath/within directory user metancy	
g-safe-1-384211 3	13081601038090287104		

You need to fill the **OAuth scopes** field. 5.

Edit scopes	
Client ID	
116245133040271947519	
OAuth scopes (comma-delimited)	

6. Come back to the G Suite Login page of the Kernel software and copy the URLs in the help window.

		G Suite Login		
Account Loger Ernel In Service Account to P12 File Path Single Mailbox List all Mailboxes using abo	G Suite	in details)	 Now we have to assign Domain Wide Delegation to Service Account Type <u>InterNetion could contectore</u> in the web brawser. After opening the Admin Console, clob Security Illow, clob Advanced settings. In the App Access control page clob Namege domain-wide delegation option under Domain-wide delegation. Dick Add New. Isput the Unique ID of the Service account, and is the CAuth scopes, you need to isput the URL of scopes are given below. 	^
Ser the	Haltonini input from CSV	Solid N Unmited N	the own and the contractive readers	
Malbox Envail Id			https://www.couperpis.com/wythdtive	
3680	٩		Hitse, New www.score/kease.com/sufficienties Hitse, New www.score/kease.com/sufficienties/doc/newritis Hitse, New www.score/keases.com/sufficienties/aventie.com/sufficienties/ Hitse, New www.score/keases.com/sufficienties/ Hitse, New www.score/keases.com/sufficienties/ Hitse, New www.score/keases.com/sufficienties/ Hitse, New www.score/keases.com/sufficienties These New www.score/keases.com/sufficienties	
				. N

7. Paste all the selected URLs in a Notepad file as it will be easier to select them from there.



8. Copy and paste the first API URL in the **OAuth Scope** field.

Edit scopes	
Client ID	
116245133040271947519	
OAuth scopes (comma-delimited)	×
.googleapis.com/auth/admin.dire	ectory.user.readonly
OAuth scopes (comma-delimited)	
	CANCEL AUTHORISE

9. Perform the same copy & paste operation to include all the API URLs in the **OAuth Scope** field. Then click the **Authorize** button.

https://mail.google.com/	~
OAuth scopes (comma-delimited) https://www.google.com/m8/	feeds
OAuth scopes (comma-delimited) ps://www.googleapis.com/au	th/contacts.readonly

10. A message appears at the bottom of the screen that the client is now updated with 10 scopes.

The OAuth client 116245133040271947519 is now updated with 10 scopes

11. Go back to the software window and copy the developer URL from the help section.

			G Suite Login				
Account Login Emi Service Account P 12 File P	G S H H Reset follow instruction re tab	Suite re desorted in right pare			Creat 1. Tyy 2. Go pro- pro- ch 3. Ge 4. Int	e a Service Account ID is the URL <u>https://consult_developing</u> to your duman and setect existing pro- yect (Make sure existing or new p parend APL, Admon SIR, Google Dri at or flangout.) to Credentiate. ha new window, doo Create Crede	1 G. Sutte stoom can get or you can create new project should be enabled we, Contacte, Catendar, milata.
Single Mailbox List all Mailboxes using a	above credentials (Ur	ie Supper Admin login d	etails)	Doniet W	F	Google APIn vy n Google APIn vy n PI APIs & Services	ors groein company rockings reject demonstor • Credentials
Mattox Ensil Id Search		٩			1	Doubboard Doubboard Dubray Credentals OAuth comeant someon Doubboard someon	Service Accour tree escilatoria
					5 In 1 5 Evi	he drop-driver, choose Service Accov er the name of the new Service accov Med automatically as per your given n	Int. The Service Account (D will area Click Create.

12. Open the developer console using the URL –

https://console.developers.google.com



13. Under the **APIs & Services** section, click **Credentials**.



14. Select the service account from the list and click **Manage Service Accounts**.

Ser	vice Accounts			Manage service accounts
	Email		Name 🛧	
	kerneltestg	lam-gaerviceaccount.com	korration	/ •

15. Double-click on the service account.

service.	account represents a Google Cloud service accounts.	vice identity, such	h as code running o	n Compute Engine VI	vis, App Engine apps or systems run	ning outs
ganisat the cre	tion policies can be used to secure servi lation of service accounts entirely. Learn	ce accounts and more about sen	I block risky service vice account organi	account features, su sation policies.	ch as automatic IAM Grants, key crea	stion/upl
÷ ¬	Email	Status	Name 🛧	Description	e Key ID	Actions
	3.2017 CV.5.4	2000		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.		10020000

16. Go to the **Keys** section and click **Add Key**. Then choose the **Create new key** option.

(eys					
dd a ne ote that pload ke	w key pair or uplo public certificate ay formats	ad a public key certificate from an existing key pair. Ple s need to be in RSA_X509_PEM format.Learn more abo	ease out		
Creat	e new key	Kay	Key creation date	Key expiry date	
Uploa	d existing key	9765be6c22fd76d1c21cc4fe8f02d2b3cf364a30	19 Jan 2021	1 Jan 10000	
0	Active	895519ce92d5b1973a67676032e4a09ba29b929a	19 Jan 2021	1 Jan 10000	

17. Select the second option of **P 12** and click **Create**.

Downloads a file that contains the cannot be recovered if lost.	private key. Store the file securely because	e this key
Key type		
O JSON		
Recommended		
P12		
For backward compatibility with	code using the P12 format	
	0258222	
	CANCEL	CREATE

18. Save the P 12 key. Click OK.



19. A new P 12 key is saved on the local computer. Click Close.

🛕 kerneltest	-509d1f6ec8fe.p12 allows access to your cloud resources, so store it securely.Learn more
his is the password for the p	private key. It will not be shown again. You must present
N 2662 N 150	15/0 P2/1
is password to use the priva	rate key.Learn more
is password to use the prive Private key password	rate key.Learn more
is password to use the priv Private key password notasecret	rate key <u>.Learn more</u>

20. Go to **Service account details** on the same page and copy the email address of the service account.

Name kerneltest	
Description	
Email	
kerneltest@	.iam.gserviceaccount.com
Unique ID	
109365667091715348477	
Service account statu	s
isabling your account allows yo	u to preserve your policies without having to delete it.
Account currently active	

21. Finally, come back to the **G Suite Login** page of the software and provide the Super Administrator credentials, the selected service account, and the newly created P 12 key. Then select the second option – **List all mailboxes using above credentials**. Then click the button **Get User Mailboxes**.

			G Suite Login			
	¢	Suite		Create a Service Ar	ccount ID in G Suite	
Account Lager Ernal M	kernel@Espst.net ResetTokov instructiona described in sgit pane			Type the URL (the Vicence development score can Do to your demain and select existing project or you can create new project diffusion succe existings or peup project should be enabled		create new
Service Account tel	tptz-	Jam.gservice.account.com		required API, Admin 1	required API, Admin SSK, Google Brive, Contacts, Calendar,	
P12 File Path	C:(Users)	🕖 \Downloads\kerneltestp 🥁		Chat or flangout.)		
				4. In the new window, clo	a Create Credentiala	
ist all Mailboxes using abo	ve credentials	i (Use Supper Admin login de	tails)	≡ GoogleA	Pin 🐉 Wy Project General	in -
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The software has successfully retrieved all the G Suite mailboxes without any error.

Contact Us



1-866-348-7872 0-808-189-1438



Support@nucleustechnologies.com Sales@nucleustechnologies.com



Talk to Product Specialist



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