TECHNICAL REFERENCE GUIDE

Granting Access to the Transend Google Service Account



Copyright by Transend Corporation

Section 1: Overview

Transend has set up an existing service account that will can be used; however, this opens up a potential security hole, since anybody who has Transend Migrator with a valid license key and user email address, will be able to access your data (if they know your credentials) during the period that access has been granted to that account.

Note: you still have to grant access to Transend's service account (email 24974064516@developer.gserviceaccount.com), and as previously noted, this opens up your data to anybody with Transend Migrator so it is recommended to setup a service account with administrative rights.

Section 2: Grant access to the Transend Migrator Service Account

1. Open Google Admin Console (<u>https://admin.google.com</u>).

Click Security

←	\rightarrow C $$ admin.g	google.com/ac/home					
	Google Admin	Q Search f	or users, groups or set	tings			
Ad	min Console						
0	Starting June 15, Google Hangouts. Learn more	Meet will move to its ow	n settings page. You'll be a	able to turn Meet on or off fo	r users separately from Goog	le VIEW SETTINGS	>
	55	:		"I			
	Dashboard See relevant insights about your organization	Users Add or manage users	Groups Create groups and mailing lists	Organizational units Add, remove, rename, move or search for an organizational unit	Buildings and resources Manage and monitor buildings, rooms and resources	Devices Secure corporate data on devices	
		Config			-		
	Apps Manage apps and their settings	Security Configure security settings	Reports Monitor usage across your organization	Billing Manage subscriptions and billing	Company profile Update information about your company	Admin roles Manage administrative roles	

Scroll down to Advanced Settings

← → C	Q	\$	G	0 *	Θ	
≡ Google Admin	Q Search for users, groups, and settings (e.g. verify your domain)		8	?		۲
Security	Configure the strongest security settings for those who need it most					÷
	Context-Aware Access Use device and user identification to manage access levels and enforce access policies for G Suite applications.					
	Google Cloud session control (Beta) Set session duration for Google Cloud Platform console and Google Cloud SDK					
	Advanced settings Manage advanced security features such as authentication, and integrating G Suite with internal services.					

Scroll down and click Manage Domain Wide Delegation.

API controls	App access control Manage app access to your Go	ogle services. Ensure that users can give access only to apps th	hat your organisation trusts. Learn more			
Use these controls to enable or restrict access to G Suite APIs for customer-owned and third-party applications and service accounts. Reduce the risk essociated with third-party access to G Suite APIs by limiting access to only trusted apps.	Overview	1 restricted Google services 10 unrestricted Google services MANAGE GOOGLE SERVICES	1 throparty apps trusted MANAGE THIRD-PARTY APP ACCESS			
	Settings	that can't access restricted Google services				
		Message (300 characters linvt)				
		Trust Internal, domain-owned apps Apps you trust on the G Suite Marketplace, Andro	cid, or IOS whitelist are automatically trusted on your App access control list.			
			CANCEL SAVE			
	Domain wide delegati Developers can register their w to access your user data withou MANAGE DOMAIN WIDE DELEG	ON eb applications and other API clients with Google to enable acc it your users having to individually give consent or their passwo SATION	ees to data in Google services like Gmail. You can authorize these registered clients ords. Learn more			

Click Add New.

2. Copy the following scopes to notepad to create a comma separated single line in notepad:

https://mail.google.com, https://www.google.com/m8/feeds, https://www.googleapis.com/auth/admin.directory.resource.calendar, https://www.googleapis.com/auth/apps.groups.migration, https://www.googleapis.com/auth/calendar, https://www.googleapis.com/auth/contacts, https://www.googleapis.com/auth/drive, https://www.googleapis.com/auth/drive, https://www.googleapis.com/auth/drive, https://www.googleapis.com/auth/drive, https://www.googleapis.com/auth/drive, https://www.googleapis.com/auth/tasks, https://www.googleapis.com/auth/userinfo.email, https://www.googleapis.com/auth/userinfo.profile



- 3. Enter Client ID: 24974064516.apps.googleusercontent.com
- 4. Enter Scopes as a single comma separated line:

https://mail.google.com,https://www.google.com/m8/feeds,https://www.googleapis.com/auth/admin.directory.resource.calendar,https://www.googleapis.com/auth/apps.groups.migration,h ttps://www.googleapis.com/auth/calendar,https://www.googleapis.com/auth/contacts,https:// www.googleapis.com/auth/drive,https://www.googleapis.com/auth/gmail.labels,https://www.googleapis.com/auth/tasks,https://www.googleapis.com/auth/userinfo.email,https://www.googleapis.com/auth/userinfo.email,https://www.googleapis.com/auth/userinfo.profile

5. Click *Authorize*.

\leftarrow	← → C 🔒 admin.google.com/ac/owl/domainwidedelegation?hl=en									€
= 0								0		
Security	y > API Controls > Domain-wid	le Delegation								
	 Developers can register having to individually git 	their web applications and other API cli ve consent or their passwords.	ents with Google	to enable access to data in Google services like Gmail. You can authorize	these registered clients to access your user data with	nout you	ır users	GO	тіт	
	API clients Add new			Add a new client ID						
	+ Add a filter			Olivet 10						
	Name	Client ID	Scopes	24974064516.apps.googleusercontent.com						
	Transend Migrator	110028911434110022061	https://n	OAuth scopes (comma-delimited) X https://mail.google.com/https://www.google.com/mE						
				CANCEL AUTHORIZE						

Confirm scopes and Client ID are correctly entered and authorized, click **View Details** to see scopes:

	oogle.com/ac/owl/domainwidedele	gation?ni=en			V Transond Mig		
Google Admin	C Search for users, groups or setting	S				lator	
rity > API Controls > Domain-v	wide Delegation				Client ID		
Developers can regis having to individually	ter their web applications and other API clients give consent or their passwords.	with Google to enable acce	ess to data in Google services like Gr	nail. You can authorize these registered clients t	24974064516.apps.google	usercontent.com	
					Scopes		
API clients Add n	ew				https://mail.google.com	https://www.google.com/m8/feeds	
+ Add a filter					https://www.googleapis.c	com/auth/admin.directory.resource.cal	
						om/auth/apps.groups.migration	
Name	client ID			https://www.googleapis.com/auth/calendar			
Transend Migrator	24974064516.apps.googleusercont	https://mail.google.com	https://www.google.com/m8/feeds	+9 More	https://www.googleapis.c	com/auth/contacts	
Transend Migrator	110028911434110022061	https://mail.google.com	https://www.google.com/m8/feeds	+9 More	https://www.googleapis.c	com/auth/drive	
					https://www.googleapis.com/auth/gmail.labels		
					https://www.googleapis.com/auth/tasks		
					https://www.googleapis.c	om/auth/userinfo.email	
					https://www.googleapis.c	com/auth/userinfo.profile	
						ED	

Leave the Optional Service Account and Optional Private Key fields blank to use the Transend Service Account. There is no further configuration required in Transend Migrator to enable for Transend Service Account.

Section 3: Confirm Service Account access in Transend Migrator

Confirm the Transend Google Service Account has proper access in Transend Migrator.

Confirm Service Account in the Source

Notes:

- Gmail IMAP (service account) will migrate email only (via the IMAP protocol)
- G Suite/Google Apps (service account) will migrate all data types via the Google API

		Transe	nd Migrat	or 12 - C:\Progra	mData\Transei	nd\GoogleIMAF	P.tmd	_ 🗆 🗙
File	Migration Op	otions Batch Migra	tion View	Edit License Help	0			
	Ø	E-Mail	0	Address Book		Calendar		Task/To Do
S	ource	Advanced Option	s	E-Mail Cor	figuration	🗖 Enabl	e Migration	
	From: Gmail	IMAP (service acct What syste) m should I ch	• ioose?	To: Plea	ase select What	system should I	choose?
	Gmail IMAP S imap.gmail.c	erver: om;993		•				
	Google Email google2@iso	Address: lutionsinc.net		_				
	Optional Serv	ice Acct Email:		_				
	Optional Priva	ate Key File:		•				
	<u>F</u> olders	(All folders sele	ected by de	fault)				
			Start Sin	gle <u>M</u> igration	Start <u>B</u> ate	ch Migration		

- Input your appropriate service account credentials
- Click Folders > Load from Source to test your connection:
 If your folders display, you have correctly configured your Google Service Account.

Granting Access - Transend Service Account

Technical Reference Guide

		Transer	nd Migrator - Migration	n Options		×
Email Folders	Contact Folders	Calendar Folders Task Fo	Folders Folder Exclude Lis	Telder Mapping Add	ress Translation	atch Mode Data
(If no fo ♥ Cabinet ♥ Documents ♥ INBOX ♥ Inbox (migr ♥ [Gmail]//Dr ♥ [Gmail]//Sp ♥ [Gmail]//Sp ♥ [Gmail]//Tr	lders displayed, all ated) afts ent Mail ash	Email Fold folders convert. Displayed fo	er Convert List olders convert only if chec	ked. Right click for option	s.)	<u>і</u> <u>ок</u> ? <u>H</u> elp
		Load from Source	Clear Data			

Reminder: Click Clear Data to migrate ALL folders

	×						
Email Folders	Contact Folders	Calendar Folders	Task Folders	Folder <u>E</u> xclude List	Folder <u>Mapping</u>	Address Translation	Batch Mode Data
(If no fo	lders displayed, all	Err folders convert. Dis	nail Folder Cor played folders	nvert List convert only if checke	d. Right click for a	options.)	<u>і</u> ок ? Неір
		Load from Sou	irce	Clear Data			

Confirm Service Account in the Target

Notes:

- Gmail IMAP (service account) will migrate email only (via the IMAP protocol)
- G Suite/Google Apps (service account) will migrate all data types via the Google API
- Input your appropriate service account credentials
- Click Test Logon

Transend Migrator 12 - C:\ProgramData\Transend\GoogleIMAP.tmd	_ 🗆 🗡
File Migration Options Batch Migration View Edit License Help	
E-Mail Address Book Calendar	Task/To Do
Advanced Options E-Mail Configuration	on 🚺
Source Target	2
From: Please select To: Gmail IMAP (service acct)	-
What system should I choose? What system sho	uld I choose?
Gmail IMAP Server:	
Google Email Address:	
google2@isolutionsinc.net	
Optional Service Acct Email:	
Optional Private Key File:	-
l est Logon	
Transend Migrator 12	×
Start Single Mig	
Logon to target system was successful, see ma	ster log file for details
Licensed To: Laurie Jones/TM 12 for 11 users	
	ОК

🛆 Transend Migrator	12 - C:\Prog	ramData\Transe	end\GoogleAPI	.tmd	_ 🗆 🗡	K
File Migration Options Batch Migration View Ed	it License He	lp				
E-Mail Ad	dress Book		Calendar		Task/To Do	
Advanced Options	E-Mail Co	nfiguration	🗖 Enabl	le Migration		
Source	2	Target			2	
From: Please select What system should I choose		To: GS	uite/Google Apps What	s (service acct) system should I (► thoose?	
		Google Em	ail Address:			
		google2@	isolutionsinc.net		•	
		Optional Se	ervice Acct Email	:		
		Optional Pr	rivate Key File:		- 11	
		Test Logo	on			
			Transend Migra	ator 12	×	ĸ
Start Single	4	Logon to target sy	stem was successf	ul, see master lo	og file for details	
Licensed To: Laurie Jones/TM 12 for 11 users					ОК	

Last Updated: July 2020