

INSTALLATION MANUAL

RMS-SCH-GGL

RMS ENTERPRISE SCHEDULING INTERFACE FOR GOOGLE CALENDAR



AV FOR AN IT WORLD

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Resources (Locations) not appearing in the Resource Profiles tab

RMS-SCH-GGL RMS Enterprise Scheduling Interface for Google Calendar

Overview

RMS-SCH-GGL RMS Enterprise Scheduling Interface for Google Calendar utilizes the Google Calendar API to communicate with Google Apps for Business. The plug-in provides appointment management features of the RMS application to synchronize RMS location schedules with Google Calendar hosted services.

- Add rooms in the RMS application that have you would like to schedule and associate them with a Google Room Mailbox.
- Display the daily room schedule, appointment details, and create ad-hoc meetings directly from a touch panel that are saved to the Google Calendar hosted service.

NOTE: RMS-SCH-GGL is intended for use with RMS version 4.3 (or higher).

System Requirements

- RMS Enterprise Server: Version 4.3 or higher.
- Java Run-Time Environment: Java JRE v7.
- Google Services Account: Provides the Google Certificate and Service Email Account, both required to install and configure RMS-SCH-GGL.
- Google Calendar Requirements: Google Calendar Apps for Business.

Pre-Installation Checklist

Review the following checklist to verify that these basic system requirements are met, prior to installation:

- Windows Desktop Experience: If installing the RMS Enterprise Scheduling Interface for Google on a Windows Server, it is a requirement to also install the Windows Feature called Desktop Experience in order for the RMS Scheduling Configuration Tool to work properly.
- Google Apps account: See the Generating a Google Certificate and Service Email Account section on page 14 for details.

Installation and Configuration Steps - Overview

- 1. Gather Google Services Account Information: To install and configure the RMS Scheduling Interface for Google, the following information will be required:
 - Google Service Account Certificate This file must be copied to the Google Scheduling Server.
 - Google Service Account Email Account This email address will be used to synchronize RMS resources (locations) with Google Calendar.
- Install the RMS Scheduling Interface and Plugin: In order to add the Scheduling Interface (required to use any Scheduling plugins) to your RMS Enterprise system, it is necessary to upgrade your RMS Entitlement with a Scheduling License.
 - Refer to the Adding the RMS Scheduling Interface section on page 19.
 - Refer to the RMS Enterprise Scheduling Interface for Google Setup Wizard section on page 6.
- 3. **Configure the Google Calendar Scheduling plug-in:** Refer to the *Configuring RMS Scheduling for Google* section on page 9 for instructions.

Upgrading the RMS Scheduling Interface

To upgrade from a previous version of the RMS Scheduling Interface, follow the instruction for installing the current version (see the *RMS Enterprise Scheduling Interface for Google Setup Wizard* section on page 6 for details). The installation process removes the previous version before installing the new version.

Adding the RMS Google Scheduling Interface

Overview

In order to add the Google Scheduling Interface to your RMS Enterprise system, it is necessary to upgrade your RMS Entitlement with a *Scheduling License*. The Scheduling License enables support for various scheduling plug-ins for RMS Enterprise. This section describes upgrading your RMS Entitlement with a *Scheduling License*. The Scheduling License enables support for various scheduling plug-ins for RMS Enterprise.

NOTE: To ensure optimal performance of the RMS Enterprise UI, the RMS Scheduling Interface application should not be installed on the Primary RMS Enterprise Server. Install the RMS Scheduling Interface application on a separate server.

Verify that the server that will run the RMS Enterprise Scheduling Interface meets or exceeds the minimum OS and hardware requirements indicated below.

Scheduling Server Recommendations

Verify that each server that will run the RMS Enterprise Scheduling Interface meets or exceeds the following minimum requirements (check the appropriate boxes below):

Scheduling Server Hardware Recommendations			
Does your Schedul	Does your Scheduling server meet the following Minimum Hardware Recommendations? Yes		
Processor	Dual core Intel Xeon $^{\textcircled{B}}$ processor @ 2.67GHz (or equivalent)		
Memory	4 GB		
• Display	1280 x 1024 resolution		
Hard Disk	1 GB available space for RMS Enterprise Scheduling application files.		
Yes to all Please continue to the next step.			
No to any You must obtain a server that meets these minimum requirements to install RMS Enterprise.			

For installations with more than 50 locations that use the Scheduling Interface, a separate server from the RMS Application is *required*.

Scheduling Interface Operating System					
Do you have a co	Do you have a compatible Microsoft [®] Server OS installed? Yes				
Supported Micro	soft Server Operating Systems:				
Microsoft Wine	dows Server 2012 Standard Edition				
Note: When us	ing Windows Server 2012, the administrator must install NET 4.0 or higher (required by the AMX Lice	ense Tool).			
Microsoft Wine	dows Server 2008 R2 (x64): Web Edition / Standard Edition / Enterprise Edition				
Microsoft Wine	dows Server 2008 SP2 (x64): Web Edition / Standard Edition / Enterprise Edition				
The Windows	• The Windows Desktop Experience feature is required in order for the RMS Scheduling Configuration Tool to work properly.				
Yes	Yes Please continue to the next step.				
No	No You must obtain a compatible server OS to install RMS.				
Do you have an a	Do you have an administrative account to the server where RMS will be installed? Yes No				
Note: RMS is a sy. Scheduling Interf	Note: RMS is a system level application and requires administrative access to install and configure RMS, including the Scheduling Interface and Scheduling Configuration Tool .				
Yes	Yes Please continue to the next step.				
No You must obtain an administrative logon account, or logon to the server with a user account that has administrative access to the server.			trative		

Before You Start

- Verify that the Primary RMS Server is running.
- Know the IP Address and login credentials for the RMS Enterprise Server.
- Have a valid Google certificate (loaded locally on the Scheduling server), and the Google services account email address (see page 11).

RMS Enterprise Scheduling Interface for Google Setup Wizard

To install the Google Scheduling Interface, run the RMS Enterprise Scheduling Interface for Google Setup Wizard:

- 1. Download the RMS Enterprise Scheduling installation file (RMS Google Scheduling Interface.exe) from www.amx.com/rms/.
- 2. Double-click to launch the setup wizard the initial view is the Welcome screen (FIG. 1):

< RMS Enterprise Scheduling Interface for Google 1.0.7	
AMX	Welcome to the RMS Enterprise Scheduling Interface for Google Setup Wizard
	The Setup Wizard will instal RMS Enterprise Scheduling Interface for Google on your computer. Click "Next" to continue or "Cancel" to exit the Setup Wizard.
@2014 AMX LLC. All rights reser	ved <back next=""> Cancel</back>

FIG. 1 RMS Enterprise Scheduling Interface for Google Setup Wizard - Welcome dialog

The installation program will stop at this point if it detects that JRE version 1.7 is not installed on the server (FIG. 2):



FIG. 2 RMS Scheduling Interface for Google Setup Wizard - JRE version 1.7 not detected

If this happens, the program will alert you that the RMS Enterprise Scheduling Interface for Google Setup Wizard has ended prematurely.

In this case. click **Finish** to shut down the installer, then install JRE version 1.7 and re-start the RMS Enterprise Scheduling Interface for Google Setup Wizard.

3. Click Next to proceed to the End-User License Agreement (FIG. 3):



FIG. 3 RMS Scheduling Interface for Google Setup Wizard - End-User License Agreement

4. Review and accept the License Agreement, and click Next to proceed to the Select Installation Folder dialog (FIG. 4):

< RM5 Enterprise Scheduling Interface fo	r Google 1.0.7	_ 🗆 🗶
Select Installation Folder		
This is the folder where RMS Enterprise Sch Google will be installed.	eduling Interface for	ATA
To install in this folder, click "Next". To insta "Browse".	all to a different folder, en	ter it below or click
Folder: les\AMX/Resource Management Suite\Goog	le Scheduling Interface\	Browse
© 2014 AMX LLC. All rights reserved	< Back Next :	> Cancel

FIG. 4 RMS Scheduling Interface for Google Setup Wizard - Select Installation Folder dialog

• By default, the Google Scheduling Interface plug-in will be installed to:

C:\Program Files\AMX\Resource Management Suite\Google Scheduling Interface\

- Click to Browse to select a different target location for this installation if desired.
- 5. Click Next to proceed to the Ready To Install dialog (FIG. 5):

< RM5 Enterprise Scheduling Interface f	or Google 1.0.7	×
Ready to Install		
The Setup Wizard is ready to begin the RM Interface for Google installation.	15 Enterprise Scheduling	ATA
Click "Install" to begin the installation. If y installation settings, click "Back". Click "Ca	ou want to review or char ncel" to exit the wizard.	ige any of your
© 2014 AMX LLC. All rights reserved	< Back Inst	all Cancel

FIG. 5 RMS Scheduling Interface for Google Setup Wizard - Ready To Install dialog

6. Click **Install** to install the RMS Scheduling Interface for Google. The progress of the installation is indicated in the *Installing* dialog (FIG. 6):



FIG. 6 RMS Scheduling Interface for Google Setup Wizard - Installing dialog

7. When the installation is complete, click Finish to exit the RMS Scheduling Interface for Google Setup Wizard (FIG. 7):

< RMS Enterprise Scheduling Interface for Google 1.0.7		×
AMX	Welcome to the RMS Enterprise Scheduling Interface for Google Setup Wizard Click the "Finish" button to exit the Setup Wizard.	
© 2014 AMX LLC. All rights reser	<back cance<="" einish="" th=""><th></th></back>	

FIG. 7 RMS Scheduling Interface for Google Setup Wizard - Installation Complete

Note that at this point, the AMX-RMS Scheduling Configuration for Google utility is automatically invoked.

Configuring RMS Scheduling for Google

Click **Next** in the final Google Setup Wizard installation dialog (see FIG. 7 on page 8) to launch the *RMS Scheduling Configuration* tool. Use this tool to configure the Google plugin to communicate with RMS Enterprise.

1. The initial view is of the **RMS Server** tab (FIG. 8). Use the fields in this tab to enter connection information for your RMS Enterprise server:

AMX-RMS Scheduling Configuration for G	ogle _ 🗆 🗙
AMX	RMS Scheduling Configuration
RMS Server Synchronization Options Google	Settings Resource Profiles
Configure RMS Server URL and authentication	n credentials. Please save any changes before switching tabs.
RMS Server URL:	http://192.168.216.145:8080/rms/
User Names	scheduler
Password:	
Connect to RMS Server successfully.	Test Connection
1.0.7	Save RMS Server Setting

FIG. 8 RMS Scheduling Configuration tool - RMS Server tab (after a successful Test Connection)

RMS Scheduling Configuration - RMS Server Tab		
RMS Server URL:	Enter the URL of the RMS Server that will use the Google scheduling plug-in. Note: This URL can be copied and pasted from the RMS Enterprise UI, but be sure to delete the "/#/" at the end of the address. For example: "http://192.168.216.145:8080/rms/#/ "must be edited to "http://192.168.216.145:8080/rms/".	
User Name:	This field is pre-populated with the user name "scheduler"	
Password:	Enter the password as required by the server (default = "password")	

2. Click the **Test Connection** button to verify this information. The program will indicate whether the connection was successful. If the connection attempt fails, re-enter the server information and try again.

- Click Save RMS Server Setting to save these settings and register the plugin with the server. Note that the program indicates "RMS Server Settings Saved", and enables the Synchronization Options, Google Settings and Resource Profiles tabs.
 NOTE: You cannot proceed until you have successfully connected to the RMS Server and saved the RMS server settings.
- 4. Select the **Synchronization Options** tab to configure a scheduled blackout period (FIG. 9):

MX-RM5 Scheduling Configuration	RMS Scheduling Configuratio
15 Server Synchronization Options G	oogle Settings Resource Profiles
The Scheduling Provider may not be ac the RMS Scheduling Interface from atte	cessible during regularly scheduled maintenance tasks or backup processes. The blackout period prevents mpting to connect to the Scheduling Provider during this time window.
Enable Blackout Period	1
Start Blackout Period:	11 • : 00 • PM •
End Blackout Period:	5 v:00 v AM v
	(6 hours blackout window)
Calculation 2 of the Black	out Period is based upon a time zone:
Use RMS Server Time	e Zone (Central Standard Time)
Use Local Time Zone	(Central Standard Time)
Delay between synchronization cycles:	15 minutes
(Default is 15 minutes, less the	an 5 minutes is not allowed

FIG. 9 RMS Enterprise Scheduling Configuration tool - Synchronization Options tab

NOTE: Many systems perform nightly backups or system related processing where the server may not be available or should not be accessed. The blackout option prevents the RMS application from accessing the server during these times. During the blackout period, RMS will not attempt to establish a connection to any Google server.

RMS Scheduling Configuration - Synchronization Options Tab		
Enable Blackout Period:	Select this option to enable a blackout period (de-selected by default). Note that when this option is de-selected, the other options in this tab are disabled.	
Start/End Blackout Period:	Use the drop-down menus to specify the Start and End times for the blackout period. Note that the program provides a summary of the current blackout settings directly below these fields (see "6 hours blackout window" in FIG. 9).	
Calculation 2 of the Blackout Period is based upon a time zone:	Specify how to calculate the blackout period by selecting either <i>Use RMS Server Time Zone</i> (default setting), or <i>Use Local Time Zone</i> .	
Delay between synchronization cycles:	Enter the amount of time (in minutes) between the synchronization cycles used for the blackout period. Adjust this value to accommodate your specific environment. The default setting is 15 minutes, the minimum value allowed is 5 minutes.	

NOTE: Changes made on this tab (unlike the other three tabs) are saved automatically.

5. Select the **Google Settings** tab to specify the directory in which the *Google Signed Certificate* exists, as well as specify the *Google Email Account* to use for RMS scheduling (FIG. 10):

AMX-RMS Scheduling Configuration for Google	
AMX	RMS Scheduling Configuration
RMS Server Synchronization Options Google Setting	Resource Profiles
Configure RMS access to Google by choosing the direc email account. Please save any changes before switch	ctory that Google Signed Certicate exists, then enter the Google Cloud Application Name and ing tabs.
Google Signed Certificate:	
C:\Users\Administrator\Documents\rms-eng.goog	gl.amxservice.com.p12 Select Certificate
Google Email Account:	
113913415360-1bd6bb8img3t8n8lum7pfdq9ft4da	ac33@developer.gserviceaccount.com
Auto-Accept Invitations Calendars for resources like conference rooms there are no conflicting events. Auto-accept invitations that do not conflic Automatically add all invitations to this cale Connect to Google account successfully.	can automatically accept invitations from people with whom the calendar is shared when t. lendar. Test Connection
	Save Google Settings

FIG. 10 RMS Enterprise Scheduling Configuration tool - Google Settings tab (indicating a successful connection to Google)

RMS Scheduling Conf	iguration - Google Settings Tab
Google Signed Certificate:	Enter a directory path to specify the folder containing the Google Signed Certificate. Click on Select Certificate to locate and select the Certificate (*.p12) file via the <i>Select Google Certificate</i> dialog. Note that the Google Signed Certificate is referred to as a " <i>Private Key</i> " in the Google Developer's Console (see FIG. 24 on page 16).
Google Email Account:	Enter the Google Service email account that will be used by RMS for scheduling. This email address is provided by the Google account. Refer to the <i>œnerating a Google Certificate and Service Email Account</i> section on page 14 for details.
Auto-Accept Invitations	 Use these options to select how to managing auto-acceptance of invitations: Auto-accept invitations that do not conflict (default setting): With this option selected, all invitations that do not conflict with another scheduled event for a specific resource (i.e. conference room) are accepted (but not automatically added to the resource calendar). Automatically add all invitations to the calendar: With this option selected, all invitations (including those with conflicts) are automatically accepted and added to the resource calendar.

6. Click the **Test Connection** button to verify this information. The program will indicate whether the connection was successful (FIG. 8).

If the connection attempt fails, re-enter the server information and try again.

NOTE: The Save Google Settings button is disabled until a successful connection is made.

- 7. Click Save Google Settings to save these settings.
- 8. Use the Resource Profiles tab to specify the Locations that will use the configured Scheduling plugin.

NOTE: The Resource Profiles tab is disabled until a successful connection is made and the Google Settings have been saved.

This tab is initially empty until the application automatically loads the room list from the Google Apps account. It will contain all resources that have been "shared" with the Google services email provided in the Google settings. (FIG. 11):

AMX-RM5	Scheduling Configuratio	on for Google				>
AMX	[RM	IS Scheduling C	Configuration
RMS Server	Synchronization Options	Google Settings	Resource Profiles			
RMS Enterpris the name. Ch mapped to a	e will retrieve resource pro ock the 'Use in RMS' field if ocation in RMS Server.	files for the curren you want this rest	atly registered exten ource to be used in	nal scheduling se RMS. The 'Mappe	rver. Double click the 'Resource ed' field indicates whether the r	e Name' field to change resouce profile is already
Resource N	ame				Use In RMS	Mapped
A1 Margaret	Thatcher				v	
A102 Albert	Einstein				v	✓
A205 Scott	filler				v	~
amxdev1						
amxdev2						
amxdev3						
amxdev4						
amxdev5						
B120 Winsto	n Churchill					
8209 Dr. Ma	rtin Luther King Jr				×	1
B223 Emme	line Pankhurst					
C102 Henry	Ford					
C106 Jackie	Robinson				1	 Image: A second s
					Re-Sync Scheduling Se	erver Save

FIG. 11 RMS Scheduling Configuration - Resource Profiles tab

- Double-click on any *Resource Name* to edit the name.
- The Mapped column indicates whether each Resource is currently mapped to a location in RMS Enterprise. See the Location to Resource Profile Mapping section on page 13.
- 9. Place a check in the *Use in RMS* column to specify which Locations will use the Scheduling plugin. Click **Use In RMS** to select or de-select all Resource Names.

Click Re-Sync Scheduling Server to reload the Resource Name list from the Google server.

- 10. Click Save. This will push the selected (checked) Resources to the RMS Server, where they become "Resource Profiles" in RMS.
- 11. Exit the RMS Scheduling Configuration application (FIG. 12):

AMX-RMS Scheduling Configuration for Google				
AMX	R١	IS Scheduling Co	onfiguration	n
RMS Server Synchronization Options Google Settings Resource Profiles				
RMS Enterprise will retrieve resource profiles for the currently registered external schere the name. Check the 'Use in RMS' field if you want this resource to be used in RMS. The mapped to a location in RMS Server.	duling s e 'Mapp	erver. Double click the 'Resource N ped' field indicates whether the res	lame' field to change ouce profile is already	
Resource Name		Use In RMS	Mapped	
A1 Margaret Thatcher		×	 1 	
A102 Albert Einstein		×	1	1

FIG. 12 RMS Scheduling Configuration - Exit

Location to Resource Profile Mapping

Overview

It is necessary to map each of the selected resources (Locations) in the *RMS Enterprise Scheduling Configuration* tool to a *Resource Profile*, in order to enable the scheduling interface for each location. This requires accessing the **Location Management** page in the RMS Enterprise UI:

1. In the RMS Web UI, select Management > Configure Locations/Clients > Locations (FIG. 13):

Management Reports 0	Configuration Help		
Configure Locations/Clients	Asset Management		
Client Gateways	Assets		
Locations	Control Macros		
User & Notification Managem	ent		
Users			
Roles			
Notification Rules			

FIG. 13 RMS Web UI - Management > Configure Locations/Clients > Locations

2. This opens the main Location page. In the Locations window, select a Location name from the list and click Edit (FIG. 14):

ations			-				Search	
Add	Edit	Delete	Send Mes	sage To	Service	Requests		
cation Nar	ne	A Classi	fication	Occupa	nev	In Maintenance	Group	

FIG. 14 RMS Web UI - Locations Page - Edit button

- 3. This opens the **Location Edit** page (*Settings* tab).
- 4. Under **Scheduling Configuration**, open the *Resource Profile* drop-down list to select a Resource Profile to map to this Location (FIG. 15):

ttings Me	tadata Service Requests			
Name	A1 Margaret Thatcher	Occupancy	10	
Description		Phone Number		
		URL to Map of Location		
Group	All Groups 🔹	Web Conti Sele	ect a Resource Profile	
Owner		to	map to this location.	
assification	Platinum 🔻	Scheduling Co	nfiguration	
Locale	English (United States)	Resource Profile	A1 Margaret Thatcher	-

FIG. 15 RMS Web UI - Location Edit Page - Scheduling Configuration drop-down menu

NOTE: The list of Resource Profiles that are available to select in this menu is based on the Resource Names that were selected in the RMS Scheduling Configuration application - Resource Profiles tab. Note that if any of the names were edited in the RMS Scheduling Configuration application, the edited names are displayed here.

This will associate the location with the selected Resource Profile (i.e. the Exchange room mailbox).

5. Click Apply to save changes.

As Resource Profiles are mapped to Locations, a green checkmark is added to the RMS Scheduling Configuration application - *Resource Profiles* tab (*Mapped* column) to indicate which Locations have been mapped. For example, FIG. 16 shows the RMS Scheduling Configuration application, indicating that five conference rooms are mapped:

AMX-RMS Scheduling Configura	tion for Google					l ×
AMX			RMS	Scheduling	Configuratio	n
RMS Server Synchronization Option	Google Settings	Resource Profiles				
RMS Enterprise will retrieve resource p the name. Check the 'Use in RMS' field mapped to a location in RMS Server.	profiles for the currer d if you want this res	atty registered exten ource to be used in	nal scheduling servi RMS. The 'Mapped'	er. Double click the 'Reso field indicates whether th	urce Name' field to change ne resouce profile is alread	e Jy
Resource Name				Use In RMS	Mapped	
A1 Margaret Thatcher				v	✓	A
A102 Albert Einstein				×	 Image: A second s	٢
A205 Scott Miller				×	 Image: A second s	
amxdev1						
amxdev2						
amxdev3						
amxdev4						11
amxdev5						
B120 Winston Churchill						
B209 Dr. Martin Luther King Jr				×	 Image: A second s	
B223 Emmeline Pankhurst						
C102 Henry Ford						

FIG. 16 RMS Scheduling Configuration application indicating fiver rooms mapped)

Appendix: Generating a Google Certificate and Service Email Account

Generating a Google Certificate and Service Email Account

- 1. Login into : https://console.developers.google.com.
- 2. Click on the Products and Services menu in the upper left corner (FIG. 17):



FIG. 17 Google Developer's Console - Products and Services menu

3. In the Products and Services menu, select IAM & Admin (FIG. 18):

Goo	ogle APIs
API	API Manager
	Billing
θ	IAM & Admin
0	Google Cloud Platform

FIG. 18 Products and Services menu - IAM & Admin

4. This opens the IAM & Admin menu - select All Projects (FIG. 19):

≡	Google APIs Project	•	٩	
0	IAM & Admin	Projects	CREATE PROJECT	
	All projects	Filter by name, ID, or la	bel	Columns
+0	IAM	Project name	Project ID	
\$	Settings	NewGUIChanges	actl-shawd-305-273	
엨	Service accounts	RMS-Project	rms-project-2	
•	Labels			

FIG. 19 IAM & Admin - All Projects

5. In the Projects page, click **Create Project** to invoke the *New Project* dialog (FIG. 20):



FIG. 20 New Project dialog

- 6. Provide a name for the project and click **Create** to create a new project and close this dialog.
- 7. Open the Products and Services menu in the upper left corner, and select IAM & Admin (FIG. 21):

	Google APIs
Products & services	RPI API Manager
	🔜 Billing
🔹 Dashboard	A IAM & Admin
ᇤ Library	- Ju
o⊷ Credentials	Google Cloud Platform

FIG. 21 Google Developer's Console - Products and Services menu

8. Again, this opens the *IAM & Admin* menu - select **All Projects** and note that "**Test Project 001**" has been added to the projects list (FIG. 22):

=	Google APIs Project -		٩		
0	IAM & Admin	Projects	CREATE PROJECT	盲 DELETE PROJECT	
1	All projects	Filter by name, ID,	or label		Columns *
+ <u>0</u>	IAM	Project name		Project ID	
\$	Settings	NewGUIChang	ges	actl-shawd-305-273	
<u>e</u>	Service accounts	RMS-Project		rms-project-2	
٠	Labels	Test Project 0	01	test-project-001-142922	
	Quotas	Projects shut down	and pending deletion		

FIG. 22 Products - "Test Project 001" added

9. In the IAM & Admin menu, select Service accounts (FIG. 23):

≡	Google APIs NewGUIG	Changes 👻	٩	
0	IAM & Admin	Service Accounts	CREATE SERVICE ACCOUNT	
1	All projects	Service accounts for project "N	lewGUIChanges"	
•=	IAM	A service account represents a Goo	gle Cloud service identity, such as code running or	Compute Engine VMs, App Engine apps, or systems rule
•	Settings	Q. Find a service account		
07	Service accounts	Service account name ^	Service account ID	Key ID
14	Service accounts	AMX Service 001	amx-service-001@actl-shawd-	131b3970e0f7c74d786e6a327a798aad2cd3d3c5
۹	Labels		305-273.iam.gserviceaccount.com	
	Quotas	Compute Engine default service account	526162479249- compute@developer.gserviceac.count.com	No keys

FIG. 23 Products - Service Accounts page

10. Click **CREATE SERVICE ACCOUNT** to invoke the *Create Service Account* dialog (FIG. 24). Use the options in this dialog to configure a new service account:



FIG. 24 Create Service Account dialog

- a. Service Account Name: Provide a name for the service account.
- b. Service Account ID: you can modify or re-generate the account ID.
- c. Select Furnish a new private key.
- d. Under Key Type, select P12.
- e. Click Create.
- 11. Save the generated **.p12** file to a local directory (FIG. 25):

Opening NewGUIChanges-38e988235104.p12		
You have chosen to open: NewGUIChanges-38e988235104.p12 which is: p12 File (2.4 KB) from: data: What should Firefox do with this file? Open with Browse Save File	235104.p12 has r of the key, so own again. You Learn more	igine apps, or syster
Do this automatically for files like this from now on.	9882351046ca)(36	

FIG. 25 Save p12 File

12. Follow the instruction on the screen: write down the private key's password (FIG. 26):

The acco been sav store it s	ount's private key NewGUIChanges-38e9 yed on your computer. This is the only co securely.	88235104.p12 has py of the key, so
This is th must pre	he private key's password. It will not be esent this password to use the private ke	shown again. You ey. Learn more
notasec	cret	õ

FIG. 26 Service Account Created - private key and password

13. Open the AMX-RMS Scheduling Configuration for Google tool (GoogleSchedulingConfiguration.exe). This file is located at: C:\Program Files\AMX\Resource Management Suite\Google Scheduling Interface\tools.

- a. Click on the Google Settings tab.
- **b.** Select the .p12 certificate from the location where it was saved.
- c. Copy the Service account ID value and paste it into the Google Email Account field (FIG. 27):

IAM & Admin	Service Accounts	CREATE SERVICE ACCOUNT	+2 PERMISSIONS
All projects	Service accounts for project "	NewGUIChanges"	n Pamaida Englis VMA: Ann Engliss sans
+ <u>e</u> IAM	9. Find a service account.	ogie ciloto service identity, socir as code running t	on compute engine vivis, App engine apps,
Settings	Service account name *	Service account ID	Key ID
 Service accounts Labels 	AMX Service 001	amx-service-001@actl-shawd- 305-273.iam.gserviceaccount.com	131b3970e0f7c74d786e6a327a798a
Quotas	Compute Engine default service account	526162479249- compute@developer.gserviceaccount.cor	No keys
	Test Service Account 001	test-service-account-001@actl-shawd-	38e9882351046ca1f3aed1a50d5ba3
AMX-RMS Schedulin	g Configuration for Google		
AMX-RMS Schedulin	Configuration for Google	RMS Sche	duling Configuration
AMX-RMS Schedulin RMS Server Synchi Configure RMS acces Application Name an Google Signed Cert C:\Users\jneacsu\ Google Email Acco test-service-accou	configuration for Google conization Options Google Settings Re s to Google by choosing the directory th d email account. Please save any chang ificate: Desktop\google_calendar_xtrak\NewGU int: nt-001@actl-shawd-305-273.lam.gservi	RMS Sche esource Profiles lat Google Signed Certicate exists, then e es before switching tabs. IChanges-38e988235104.p12 ceaccount.com	duling Configuration enter the Google Cloud Select Certifi
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FIG. 27 AMX-RMS Scheduling Configuration for Google - Google Settings tab

14. Click Test Connection.

If the RMS Server successfully connects to Google, the Google Settings tab will look like the example shown in FIG. 27.

Known Issues

This section provides information on known issues relative to the RMS Enterprise Interface for Google.

Resources (Locations) not appearing in the Resource Profiles tab

In order to get the resources to show up in the Resource Profiles tab, each resource has to be "shared" with the Google services account provided in the Google settings.



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