

SysTools **MIGRATOR**

SysTools[®]
Simplifying Technology

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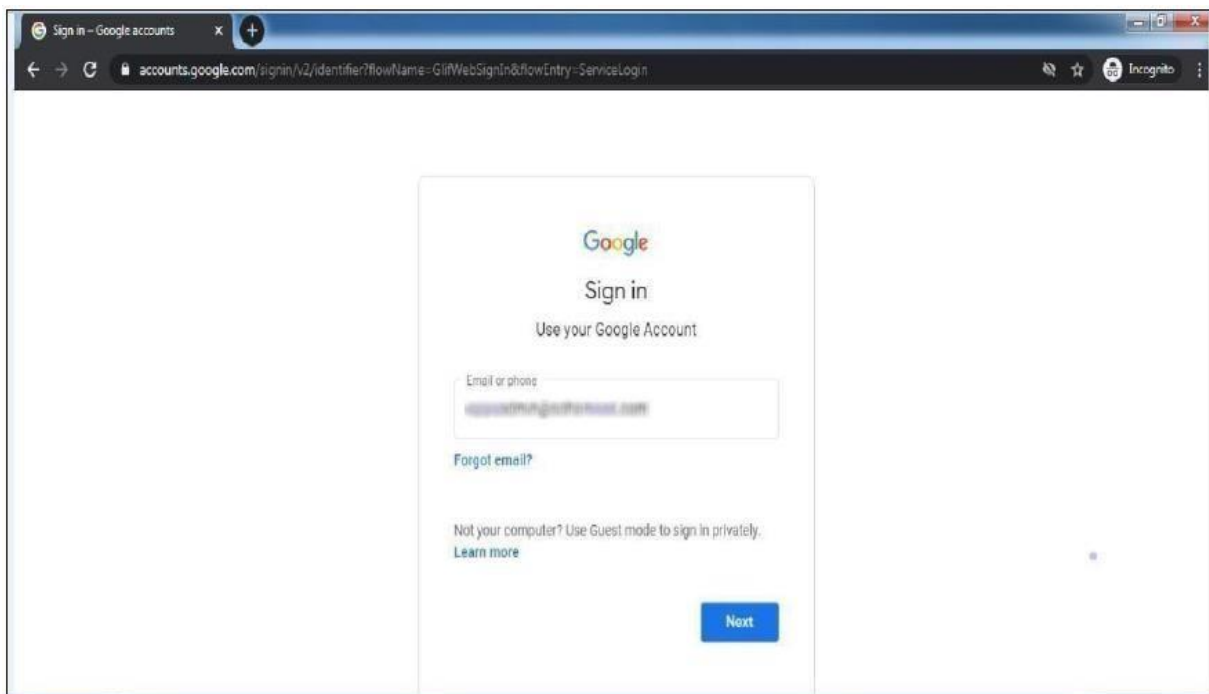
How to setup requirements for G Suite platform?

Note:

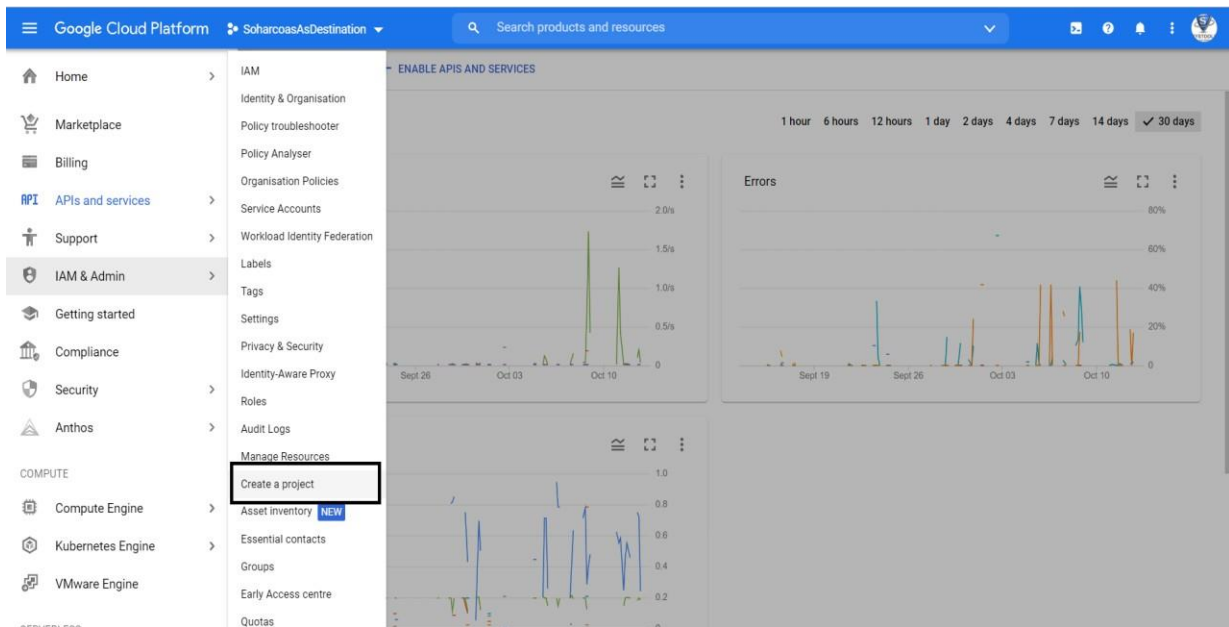
The project credentials and certificates which are used by the SysTools application are stored locally. Application uses such resources only for the authentication or validation purpose as per the standard procedures.

If your source or destination platform is G Suite, you need to setup Google Console project before proceeding for migration. Follow below given steps to create a Google console project:

Step - 1 – Go to Google Developer Console (<https://console.developers.google.com/>) and sign in with any G Suite Admin id:



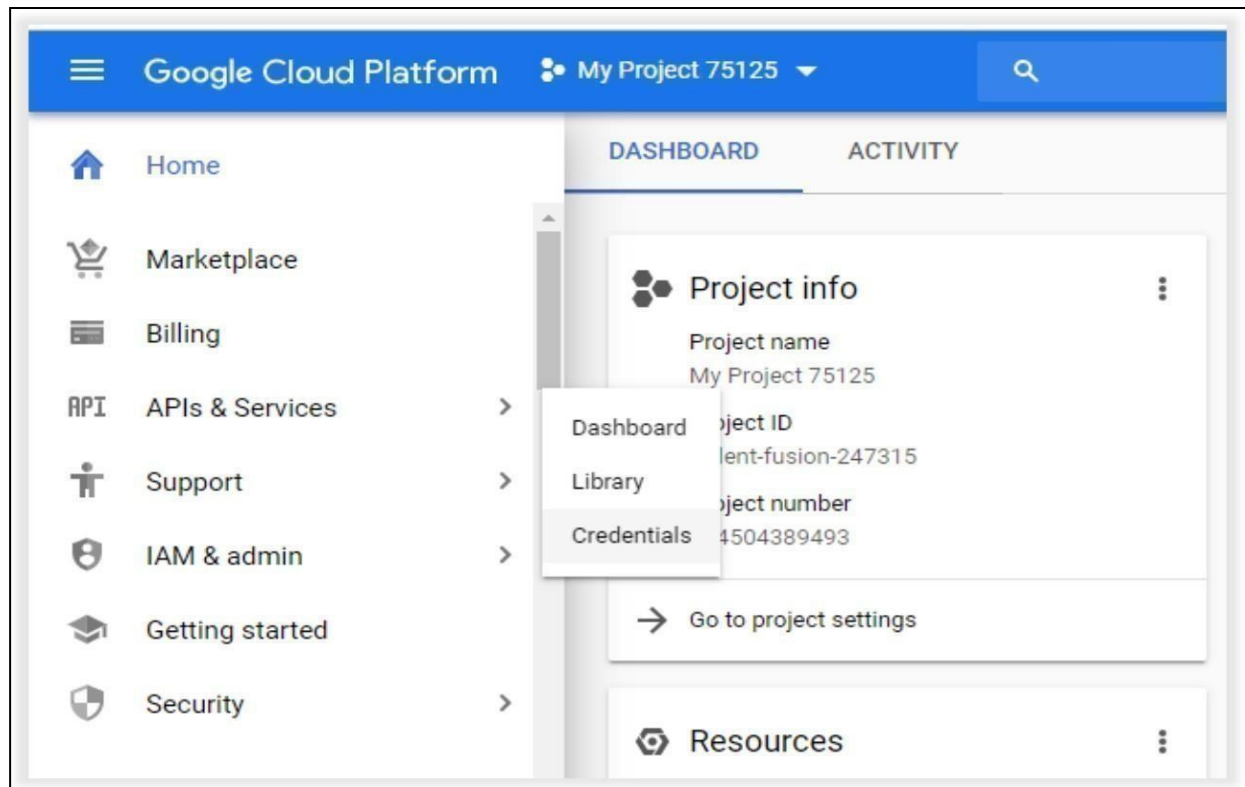
Step - 2 – Click on Create a project to create a project:



Step - 3 – Provide project name and click on Create:

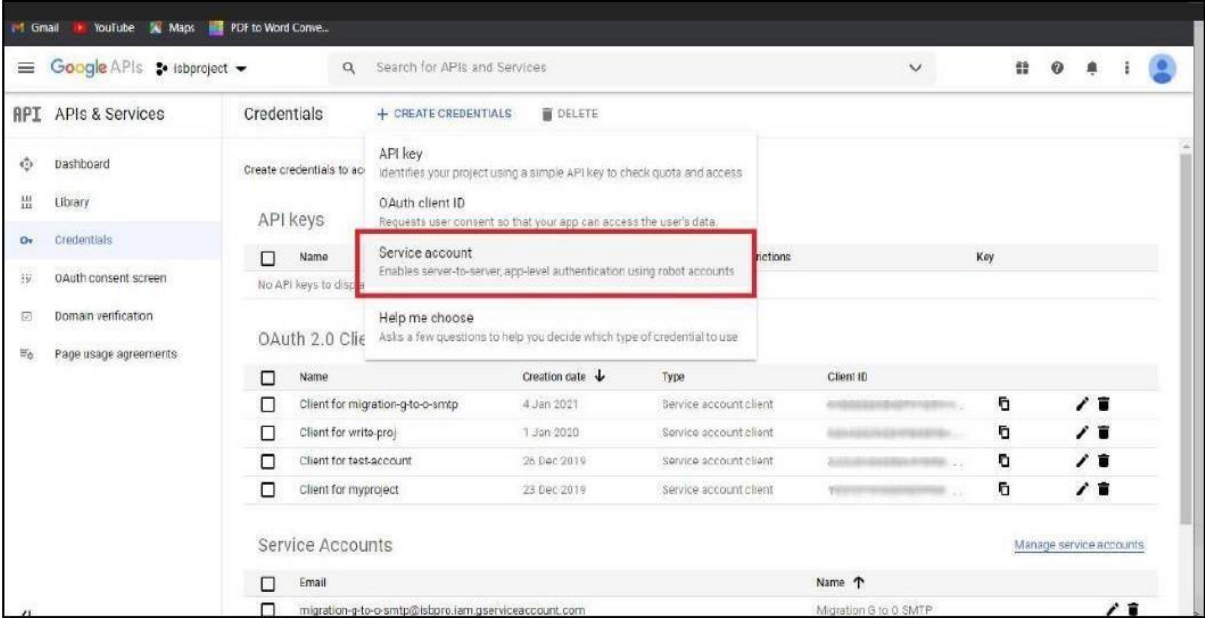
A screenshot of the 'New Project' form in the Google Cloud Platform console. The form is titled 'New Project' and contains several fields and buttons. At the top, there is a warning message: 'You have 16 projects remaining in your quota. Request an increase or delete projects. Learn more' with a 'MANAGE QUOTAS' link. Below this, the 'Project name' field is filled with 'My Project 37154'. The 'Project ID' is displayed as 'mythical-lyceum-306508' with a note that it cannot be changed later. The 'Organisation' field is set to 'info.googleusercontent.com'. The 'Location' field is set to 'us-central1'. At the bottom, there are 'CREATE' and 'CANCEL' buttons. The form also includes a 'Parent organisation or folder' section.

Step - 4 –After successful creation, navigate to **API & Services > Credentials**:



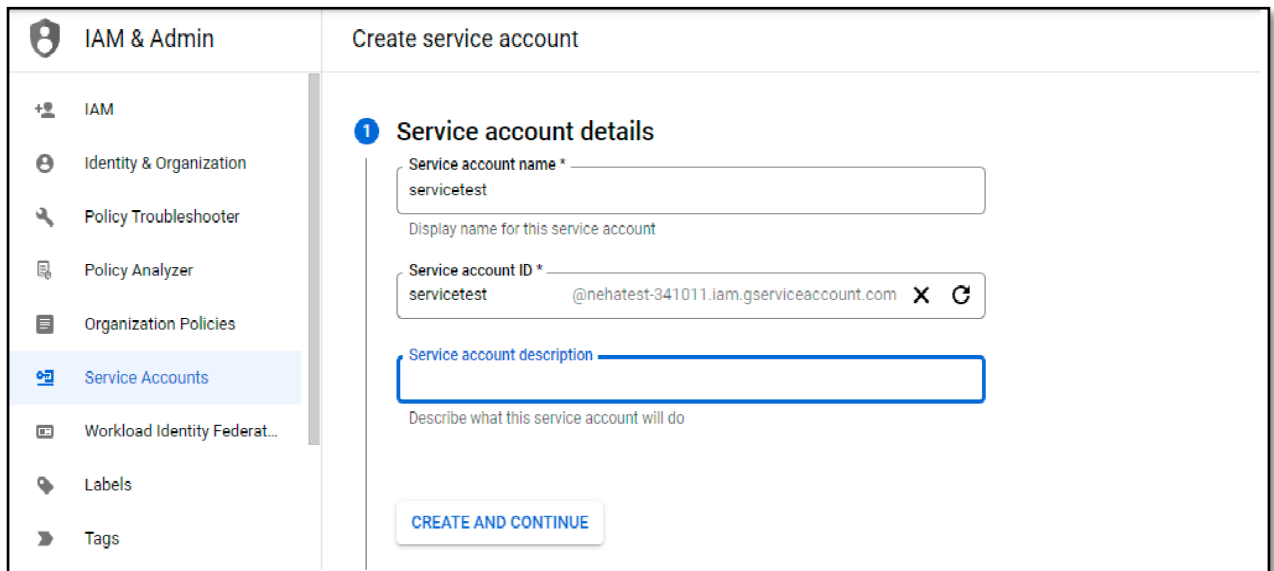
Step - 5

- Now click on Credentials > Create Credentials > Service Account Key:



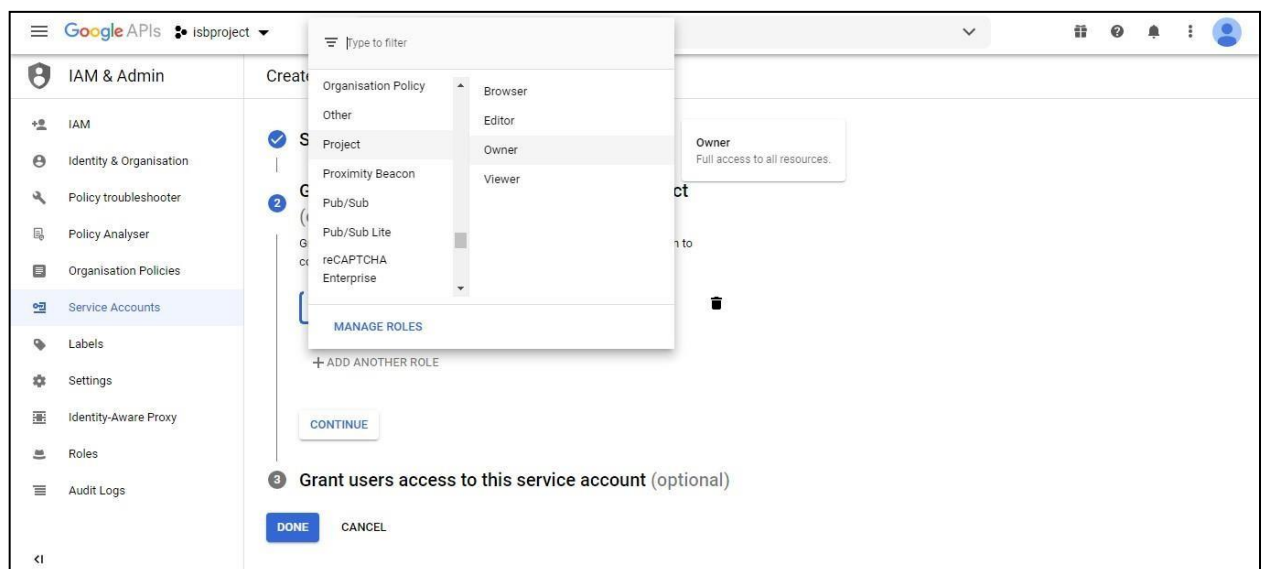
Step - 6 – It will ask to provide service account name.

You can provide Service Account name in Service account details tab and click on Create and Continue button:



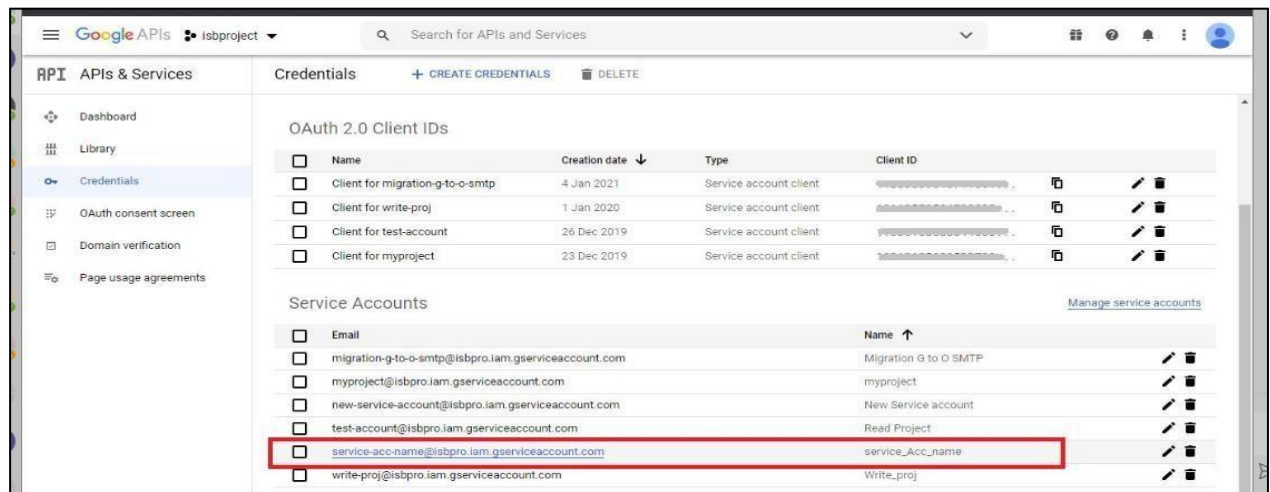
The screenshot shows the 'Create service account' page in the IAM & Admin console. The left sidebar lists various IAM and Admin tools, with 'Service Accounts' highlighted. The main content area is titled 'Create service account' and shows the 'Service account details' tab. The 'Service account name' field is filled with 'servicetest'. The 'Service account ID' field is filled with 'servicetest' and '@nehatest-341011.iam.gserviceaccount.com'. The 'Service account description' field is empty. The 'CREATE AND CONTINUE' button is visible at the bottom.

Step - 7 – Need to grant the permission to the project for that go to “Select Role” Dropdown list and then navigate to Project > Owner and click on continue > Done button.

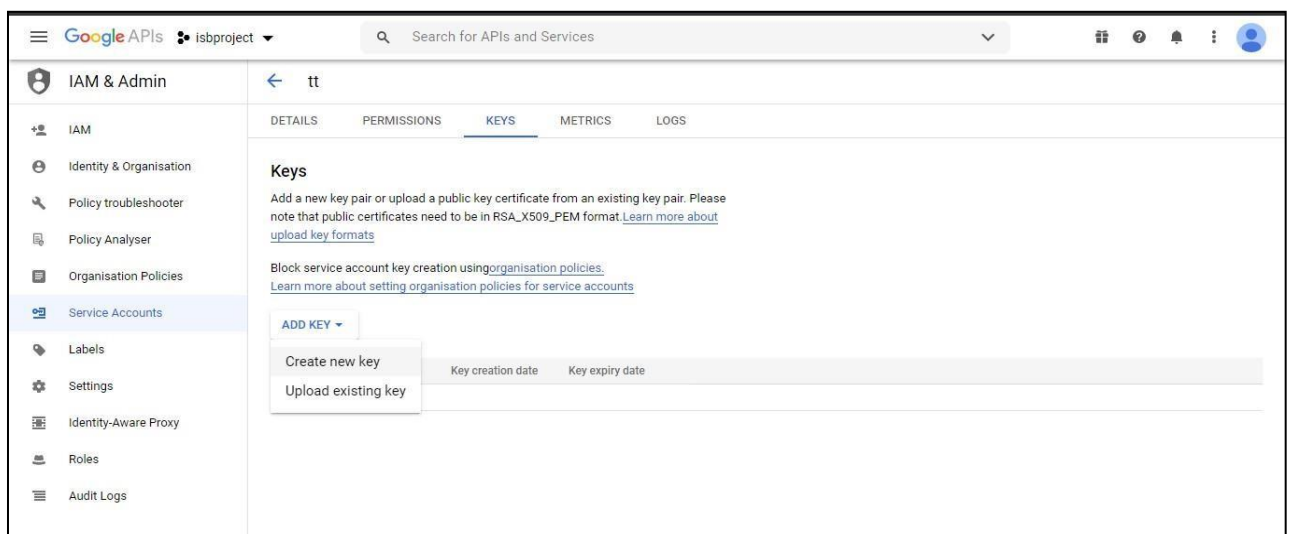


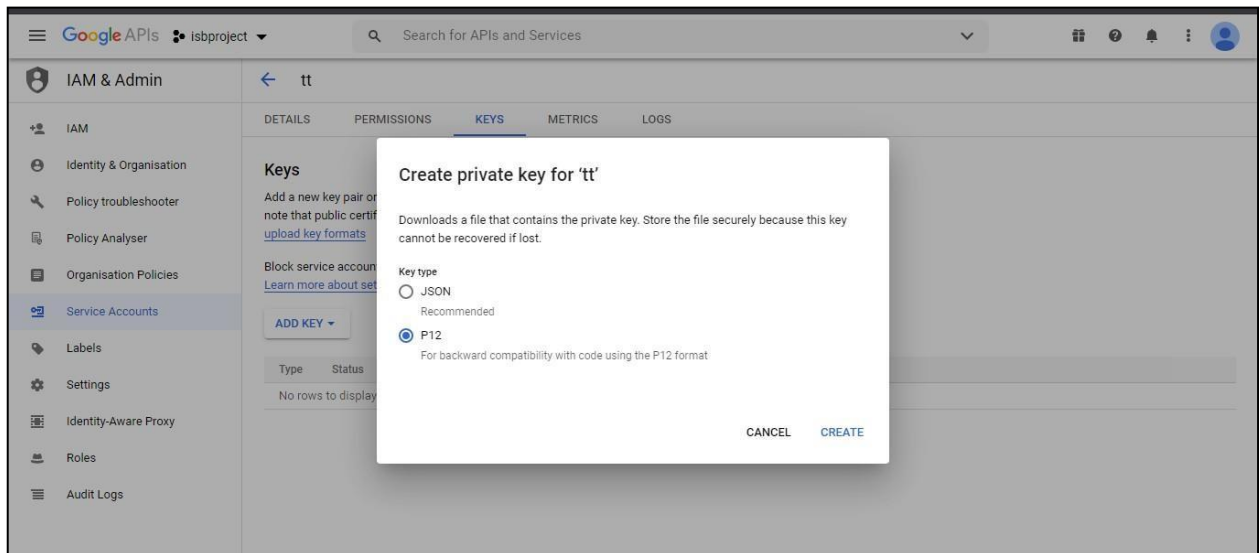
The screenshot shows the 'Grant users access to this service account' page in the IAM & Admin console. The left sidebar lists various IAM and Admin tools, with 'Service Accounts' highlighted. The main content area is titled 'Grant users access to this service account (optional)'. The 'Select Role' dropdown is open, showing the 'Project' role selected. The 'Owner' role is also visible. The 'CONTINUE' button is visible at the bottom.

Step - 8 –Created service account key will be displayed in the list and then click on Edit service account option:

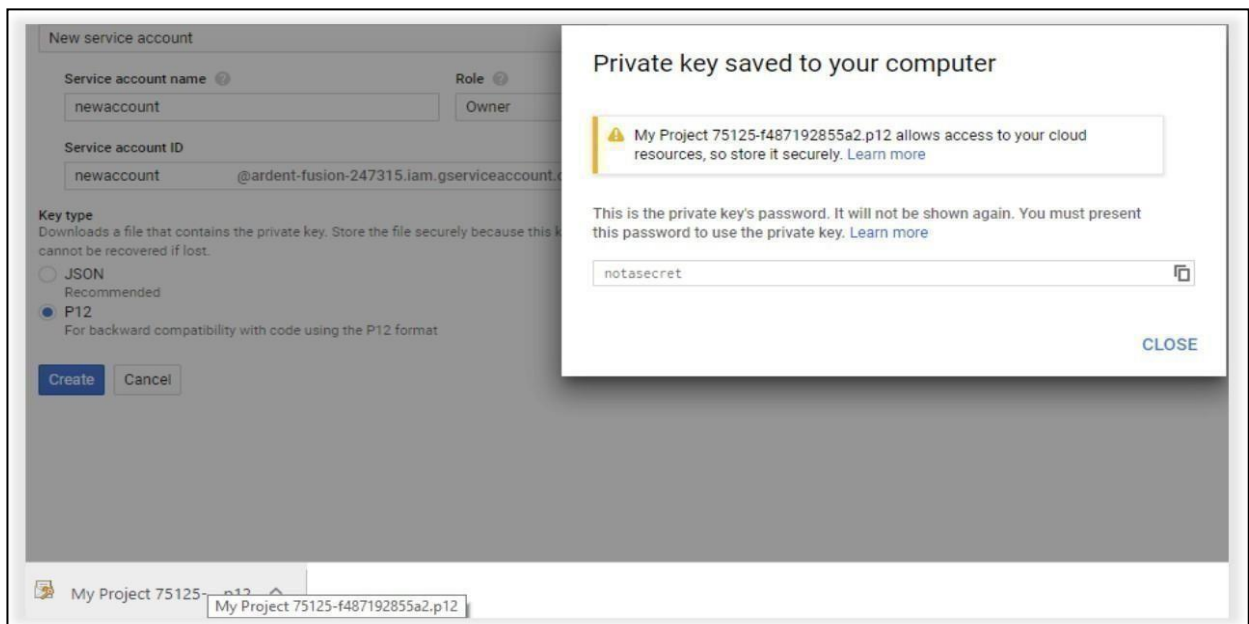


Step - 9 – Service account details screen would be displayed, then click on Keys tab in same page. After that click on Add key > Create new key and Select an option P12 from key type and click on Create button:





After successful creation, Private Key will be downloaded in your computer (Save this file securely as it will require for migration). A message will prompt, “Private Key saved to your computer” click on Close:



Step - 10 – Now click on Details tab on same page and then click on Show Advanced Settings and Copy the Client ID:

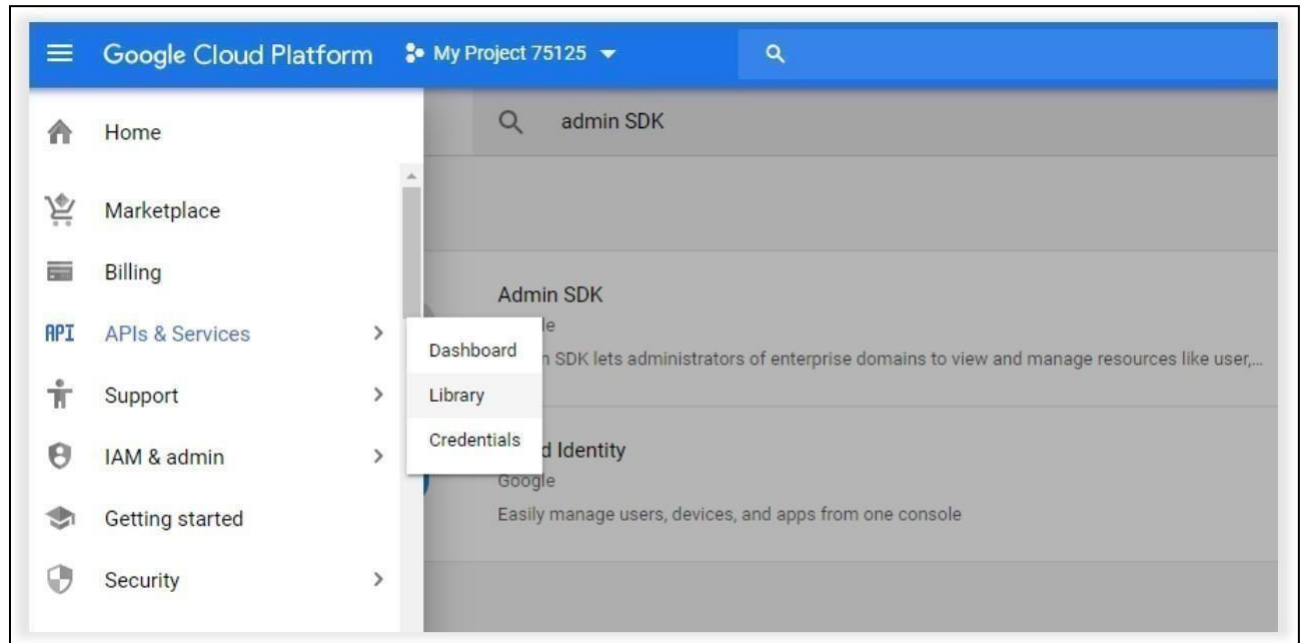
The screenshot shows the Google Cloud IAM & Admin console. On the left is a navigation menu with options like IAM, Identity & Organization, Policy Troubleshooter, Policy Analyzer, Organization Policies, Service Accounts (selected), Workload Identity Federat..., Labels, Tags, Settings, Privacy & Security, Manage Resources, and Release Notes. The main content area is titled 'servicetest' and has tabs for DETAILS, PERMISSIONS, KEYS, METRICS, and LOGS. The 'DETAILS' tab is active, showing 'Service account details' with fields for Name (servicetest) and Description, each with a 'SAVE' button. Below these are the Email (servicetest@nehatest-341011.iam.gserviceaccount.com) and Unique ID (101646161799138603729). A 'Service account status' section indicates the account is 'currently active' with a green checkmark and a 'DISABLE SERVICE ACCOUNT' button. At the bottom, there is a 'SHOW ADVANCED SETTINGS' link.

Note - Copy Client ID value as shown below. It will require for providing domain wide delegation to SysTools Migrator.

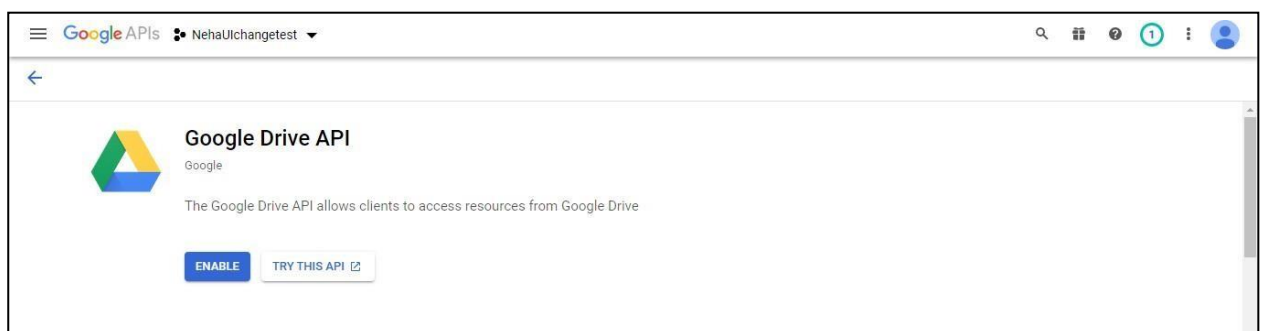
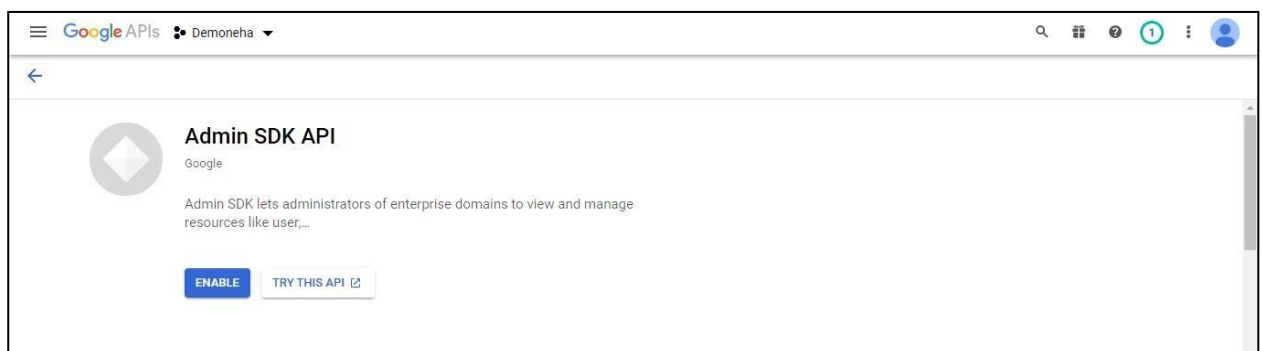
This screenshot shows the 'Google Workspace Marketplace OAuth Client' section within the 'servicetest' service account details. The navigation menu is the same as in the previous screenshot. The 'DETAILS' tab is active. A grey box contains the text 'through the Google Workspace admin console.' with a 'LEARN MORE' link. Below this, the 'Client ID: 101646161799138603729' is displayed with a copy icon. A button labeled 'VIEW GOOGLE WORKSPACE ADMIN CONSOLE' is provided. The 'Google Workspace Marketplace OAuth Client' section features a warning icon and a message: 'Creating this OAuth client is necessary to support Google Workspace Marketplace domain-wide installation and should be used with caution. Google Workspace Marketplace may grant permissions to all OAuth clients in your project. This can only be reversed by disabling or deleting the service account.' A 'LEARN MORE' link is at the bottom of this section.

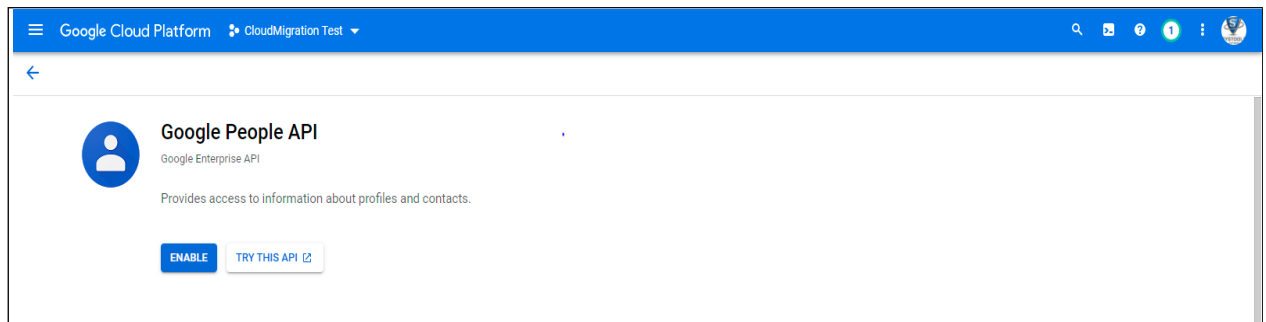
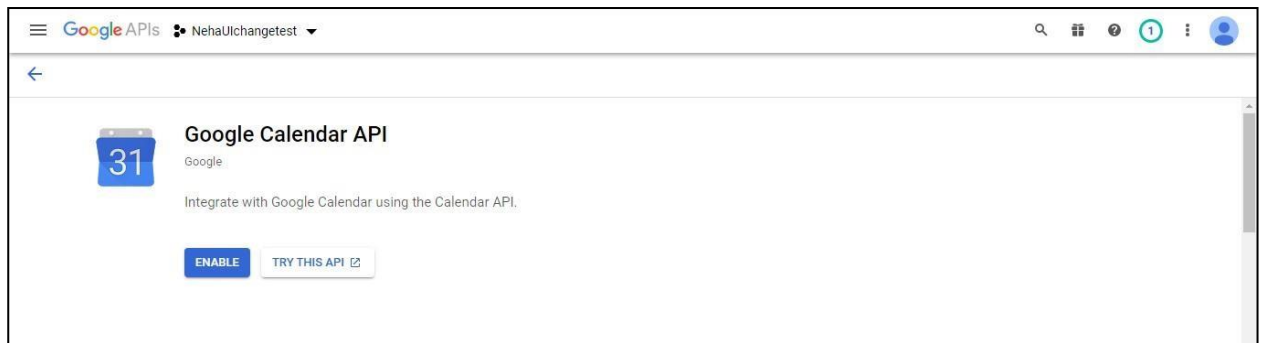
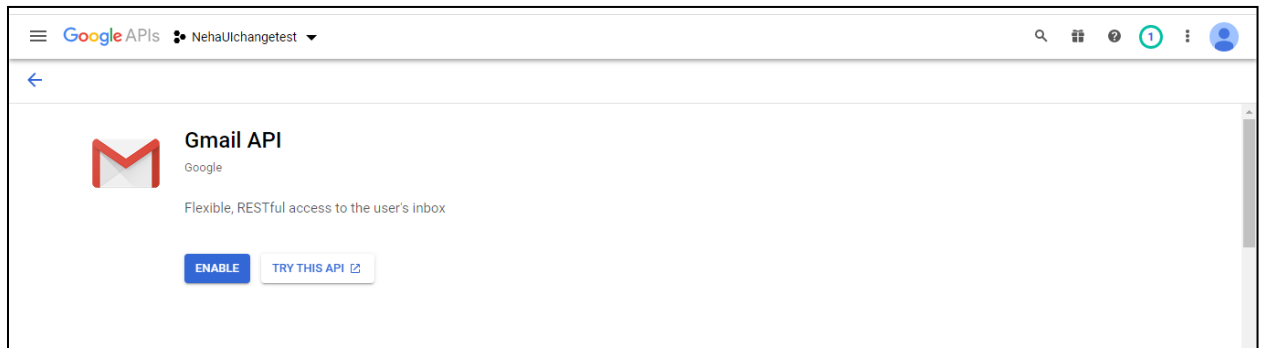
Step - 11 – Now go to Menu > APIs and Services > Library and search for below given library:

1. Admin SDK API
2. Google Drive API
3. Gmail API
4. Google Calendar API
5. Google People API



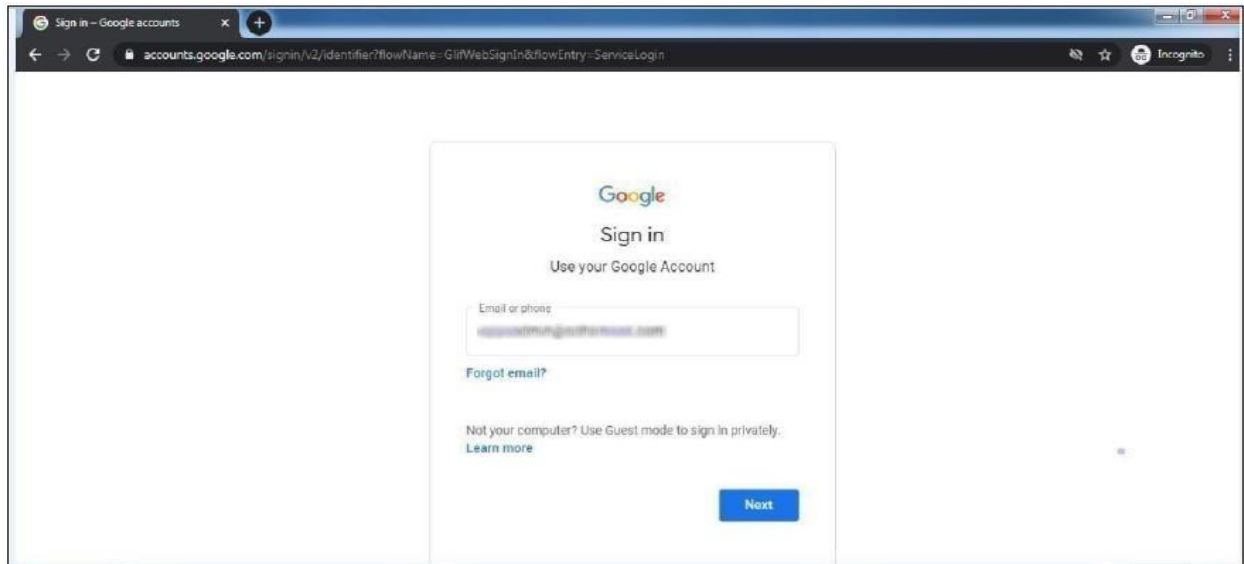
Step - 12 – Open and Enable each library as given below:



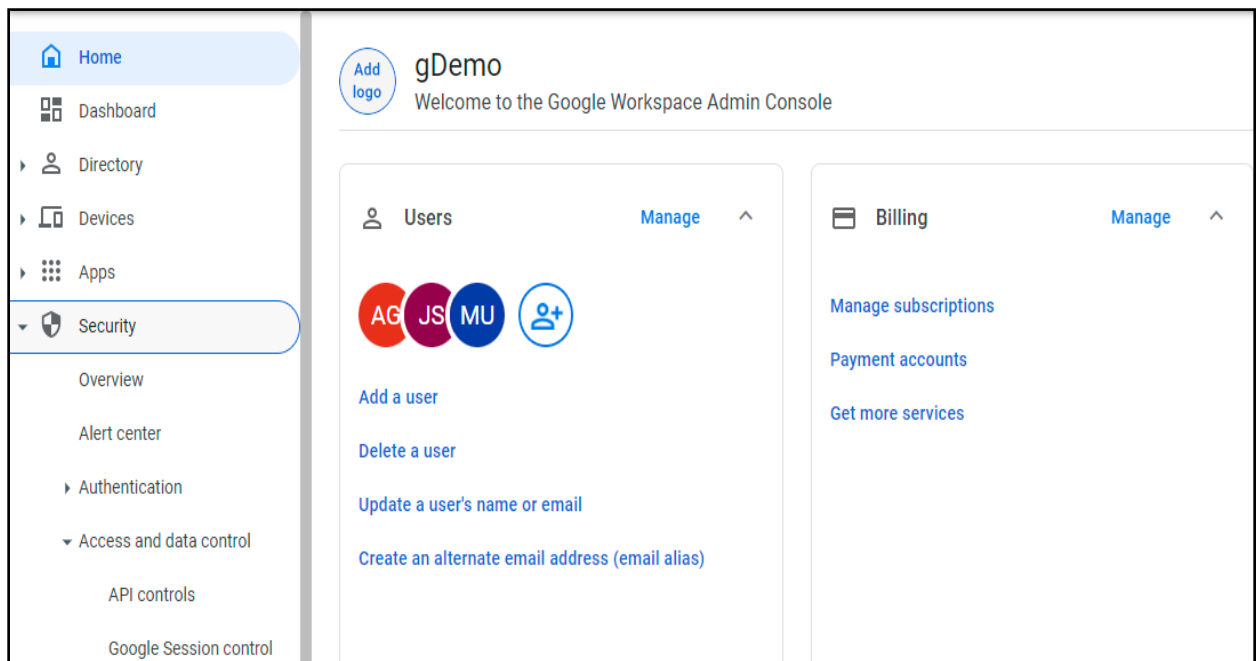


Add Scopes at Domain Level:

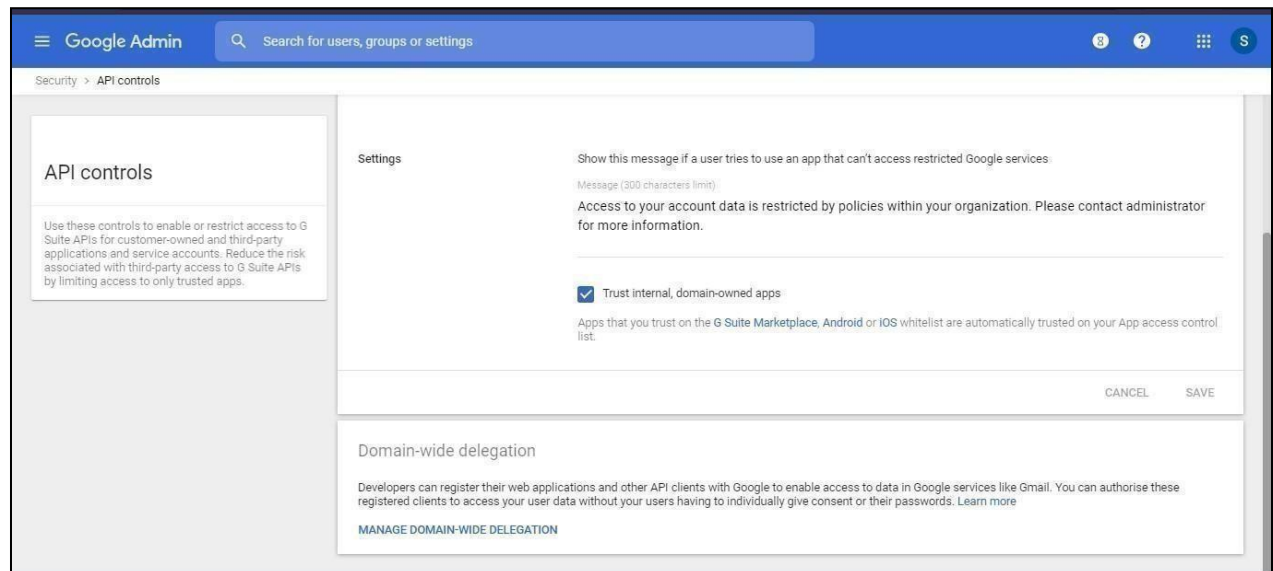
Step - 1 – Go to Google project console and sign in with admin account:



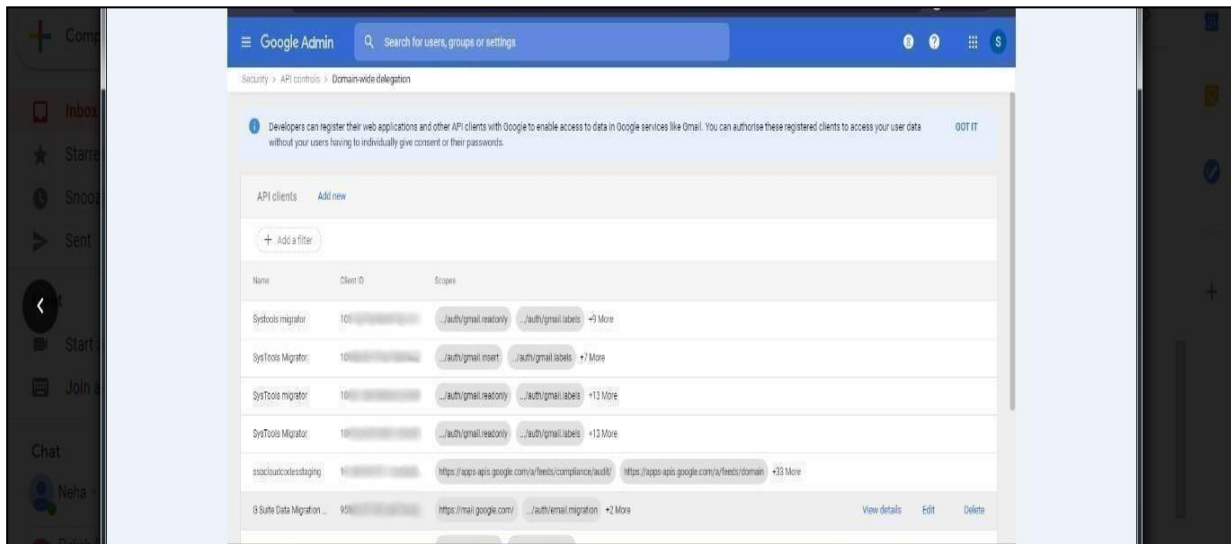
Step - 2 – After successful login, Google Admin console comes up. Click on Security > Access and Data Control > API Controls:



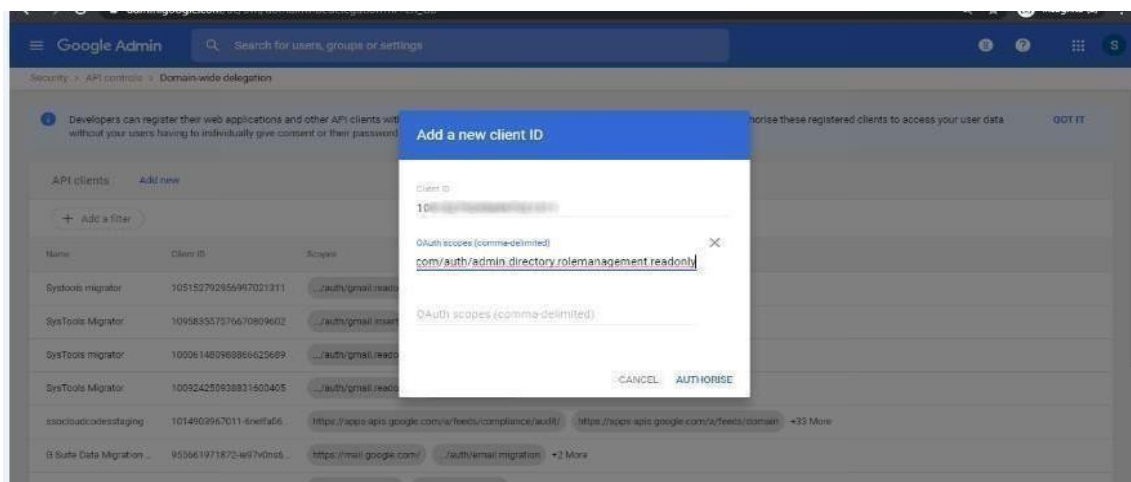
Step - 3 – API Controls screen would be displayed, then click on **MANAGE DOMAIN WIDE-DELEGATION** in Domain-wide delegation:



Step - 4 – Domain-wide delegation screen would be displayed, then click on ‘Add new’ button:



Step - 5 – Add a new client ID screen would be displayed, then enter earlier created Client Id (Prefer Step10 from project creation steps) in “Client Id” field and add below given permissions in “OAuth Scopes(comma-delimited)” fields and click on Authorize button:



Note –

- Users permissions should be mandatory for all migration.
- Drive permissions should be mandatory for Email and Calendar migration.

For Source:

Users –

<https://www.googleapis.com/auth/admin.directory.user.readonly>,
<https://www.googleapis.com/auth/admin.directory.userschema.readonly>,
<https://www.googleapis.com/auth/admin.directory.rolemanagement.readonly>,

Drive –

<https://www.googleapis.com/auth/drive.readonly>,
<https://www.googleapis.com/auth/drive.metadata.readonly>,

Emails –

<https://www.googleapis.com/auth/gmail.readonly>,
<https://www.googleapis.com/auth/gmail.labels>,

Calendar –

<https://www.googleapis.com/auth/calendar.readonly>,
<https://www.googleapis.com/auth/calendar.events.readonly>,
<https://www.googleapis.com/auth/calendar.settings.readonly>,

Contact –

<https://www.google.com/m8/feeds>

For Destination:

Users –

<https://www.googleapis.com/auth/admin.directory.user.readonly>,

<https://www.googleapis.com/auth/admin.directory.userschema.readonly>,

<https://www.googleapis.com/auth/admin.directory.rolemanagement.readonly>,

Drive –

<https://www.googleapis.com/auth/drive>,

Emails –

<https://www.googleapis.com/auth/gmail.insert>,

<https://www.googleapis.com/auth/gmail.labels>,

Calendar –

<https://www.googleapis.com/auth/calendar>,

<https://www.googleapis.com/auth/calendar.events>,

Contact –

<https://www.google.com/m8/feeds>

Step - 6 – After successful authorization, above entered details will be added and shown in list as given below:

