



How to Configure Jamf Pro SMTP with Google Authentication



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Preface

Configuring Jamf Pro to use Google Authentication for SMTP enhances security, ensures compliance, and simplifies management, all while aligning with Google's modern authentication framework. It also future-proofs your organization's Jamf Pro setup and improves the reliability of email notifications. This is particularly beneficial for organizations heavily invested in the Google Workspace ecosystem.

This guide is designed to complement Jamf's documentation on Configuring the SMTP Server Settings for Google Authentication by offering a more visual, step-by-step approach. Please note that Google occasionally updates the names and locations of certain items, so your experience may differ slightly. For the most up-to-date information, refer to Jamf's official documentation at:

https://learn.jamf.com/en-US/bundle/technical-articles/page/Preparing_a_Google_Workspace_for_Jamf_Pro_SMTp_Server_Integration.html

Requirements for This Guide:

- Ensure you have administrative privileges for the following systems and tools:
- Jamf Pro Server: Version 11.4 or later.
- A Google Workspace edition that includes Gmail services (i.e., Enterprise, Business, or Education)
- An email account associated with your Google Workspace, such as jamfalerts@yourdomain.com.



Section 1: Creating a project in Google Workspace.

What You'll Need:

Learn what hardware, software, and information you'll need to complete the tutorials in this section.

Hardware and Software:

Requirements for following along with this section:

- Access to Google Workspace with administrative privileges

Configuring a project in Google for SMTP use in Jamf Pro is necessary when using Google Workspace as your email service provider. This is because Google enforces secure and modern authentication methods, such as OAuth 2.0, instead of traditional username and password authentication for SMTP.

In this section we will configure a project in Google Workspace to be used in Jamf Pro for SMTP.

1. Using a web browser of your choosing, log in to your Google Workspace account This guide will use Google Chrome.



Google Chrome

2. Go to: <https://developers.google.com/identity/oauth2/web/guides/get-google-api-clientid>

3. Click Configure a project.

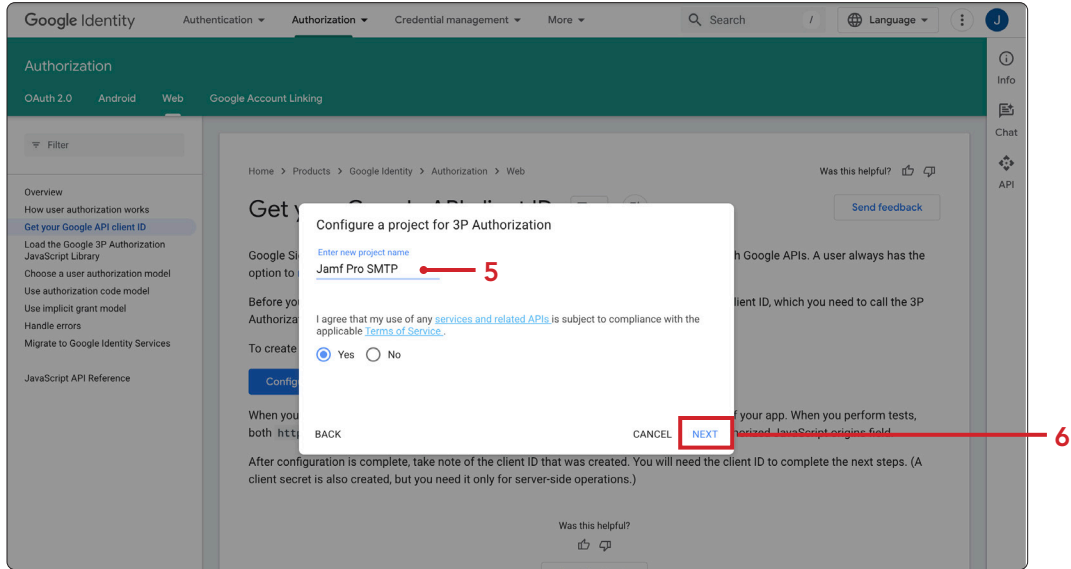
The screenshot shows a web browser window displaying the Google Developers page for getting a Google API client ID. The page title is "Get your Google API client ID". The main content area contains instructions for creating a project and client ID. A blue button labeled "Configure a project" is highlighted with a red rectangular box. The page also includes a sidebar with navigation links and a footer with legal notices.

4. From the menu, click Create a new project (+).

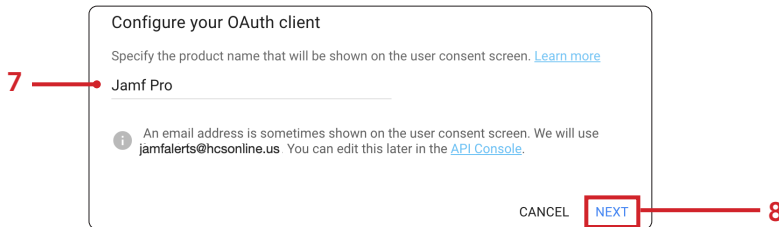
The screenshot shows a dialog box titled "Configure a project for 3P Authorization". Inside the dialog, there is a button labeled "+ Create a new project" which is highlighted with a red rectangular box. The dialog also contains some text and other options, but they are not clearly visible.



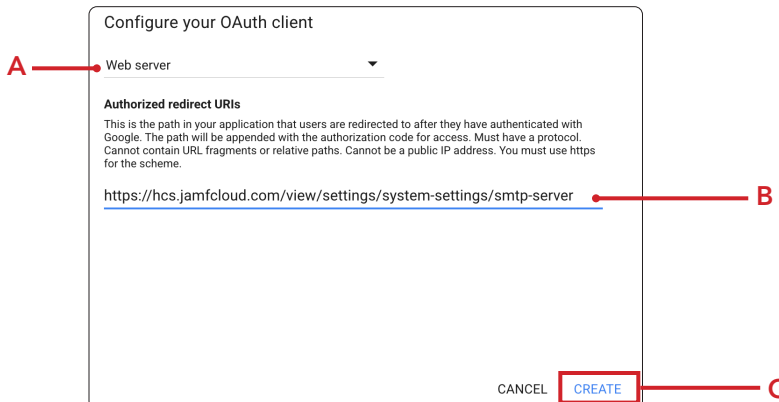
5. Enter new project name: Jamf Pro SMTP
6. Click Next.



7. Enter Jamf Pro.
8. Click Next.



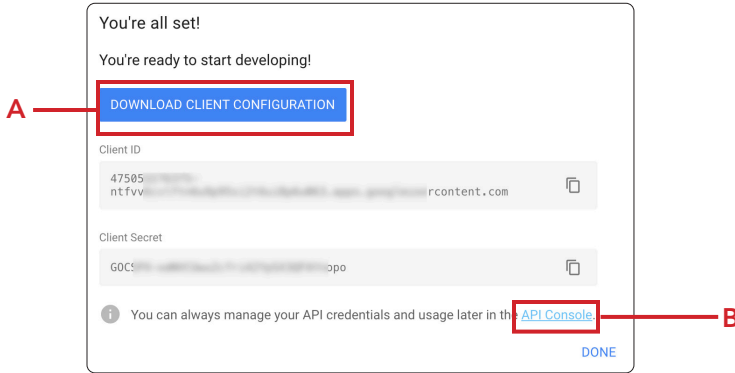
9. Configure the following:
 - A. From the menu, select Web server
 - B. Authorized Redirect URI's: https://JAMF_PRO_URL.jamfcloud.com/view/settings/system-settings/smtp-server (Replace JAMF_PRO_URL with your URL)
 - C. Click Create.





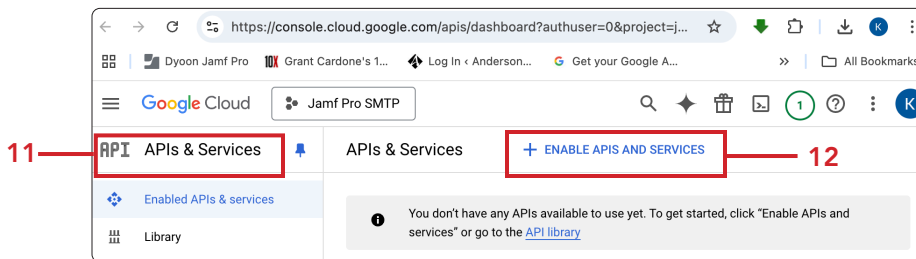
10. Configure the following:

- A. Click Download Client Configuration (This will download a file named **credentials.json** that we will need in section 2 of this guide)
- B. Click the API Console link



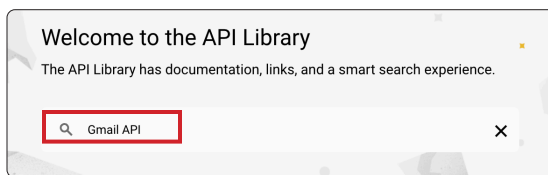
11. Confirm a new tab opens to APIs & Services

12. Click Enable APIs And Services

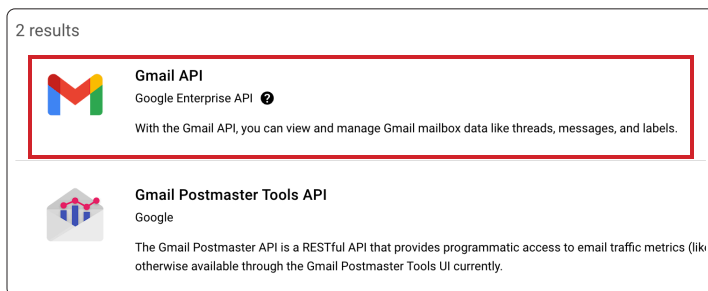


13. In the search field, enter **Gmail API**

14. Press the Return key.

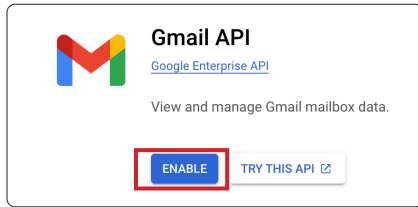


15. Click Gmail API.





16. Click Enable.



This completes this section. In the next section, we will configure SMTP settings in Jamf Pro.



Section 2: Configuring SMTP server settings in Jamf Pro

What You'll Need:

Learn what hardware, software, and information you'll need to complete the tutorials in this section.

Hardware and Software:

Requirements for following along with this section:

- A Jamf Pro server with administrative privileges
- Access to an email account

In this section we will configure the Jamf Pro server to use the Google Auth settings for SMTP.

1. Log into your Jamf pro server with administrative privileges.

Pro

Username
Required

Password
Required

Log in

2. Select Settings.
3. Enter smtp in the search field.
4. Click on SMTP server.

Pro

Dashboard
Computers
Devices
Users
Settings

Settings

smtp Clear Display icons

All System Global Jamf apps Self Service Server Network Computer management Device management User management

System 1 result found for "smtp"

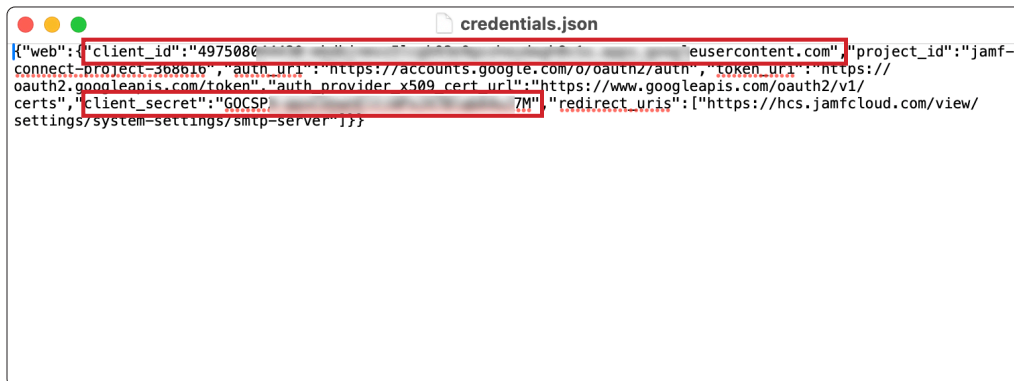
SMTP server
Integrate a server to allow Jamf Pro to send emails and invitations



5. Click Edit.



6. Open the credentials.json file located in your downloads folder. We will need the client_id and client_secret in the next step.





7. Configure the following:
 - A. Enable SMTP
 - B. Authentication Method: Google Auth
 - C. Client ID: Copy the client_id from the credentials.json file.
 - D. Client Secret: Copy the client_secret from the credentials.json file. Only copy the info between the double quotes
 - E. Click "Add an email address via Google"

Settings : System
← **SMTP server**

Use the switch to enable or disable the connection. **A**

Authentication settings

Authentication method The method of authentication to use when connecting to the SMTP server

B Google Auth

Client ID

C 47505327

Required

Client secret

D

Configuration settings

Sender email address SMTP account email address that Jamf Pro will send emails from

Email address	Status	Default
E Add an email address via Google.		

8. Select your Google account. This guide will select Jamf Alerts.

Sign in with Google

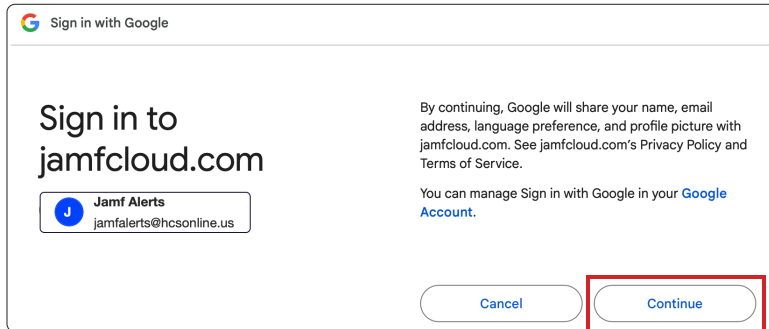
Choose an account

to continue to [jamfcloud.com](#)

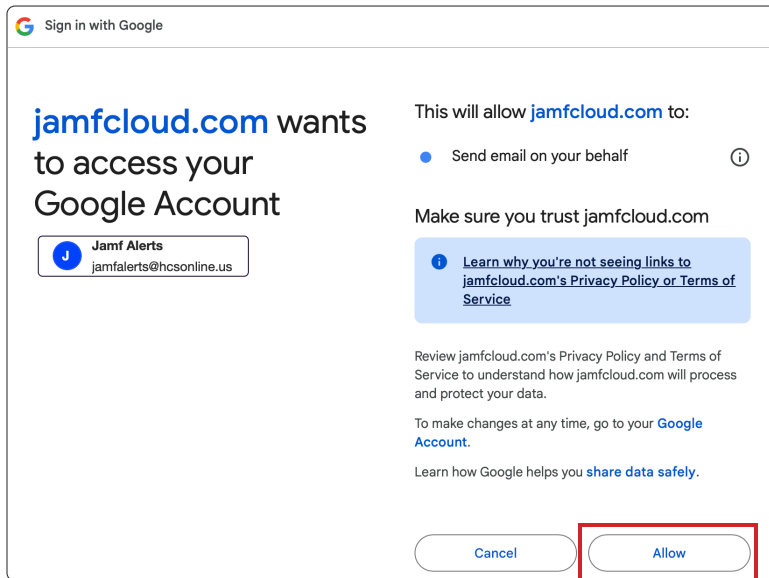
- J** **Jamf Alerts**
jamfalerts@hconline.us
- K** **Keith Mitnick**
kmitnick@hconline.us
- Use another account



9. Click Continue.



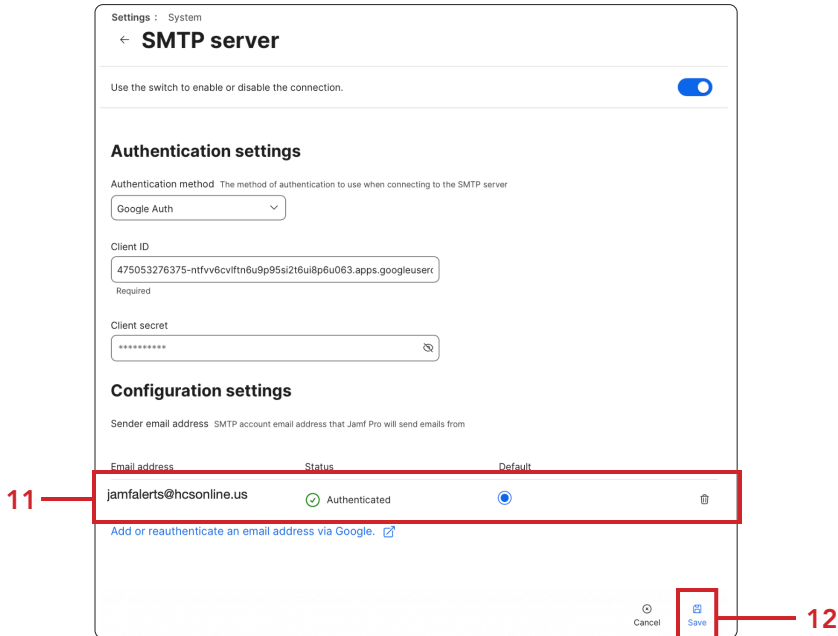
10. Click Allow.





11. Confirm the email address has been authenticated.

12. Click Save.

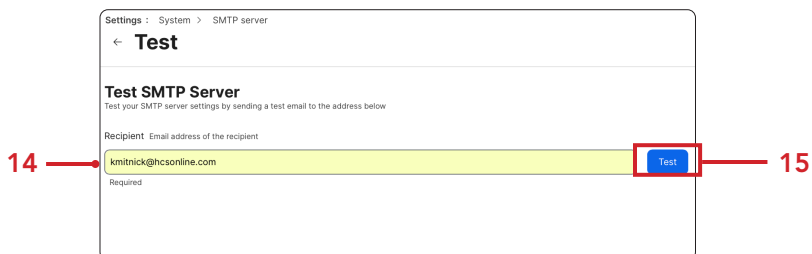


13. On the bottom-right, click Test.

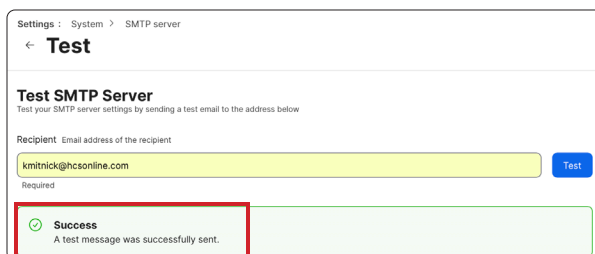


14. Enter an email address that you have access to.

15. Click Test.

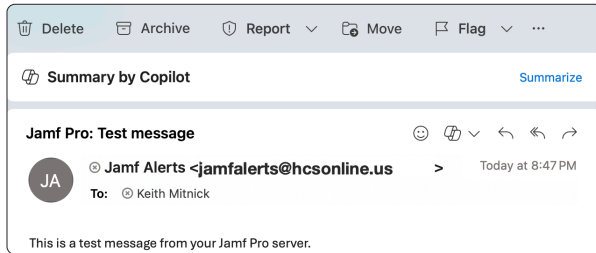


16. Confirm the email was sent successfully.





17. Confirm the email was delivered.



This completes the guide.