



Google - Sign in with Frog FrogLearn Preferences

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Google – Sign in with Frog – FrogLearn Preferences

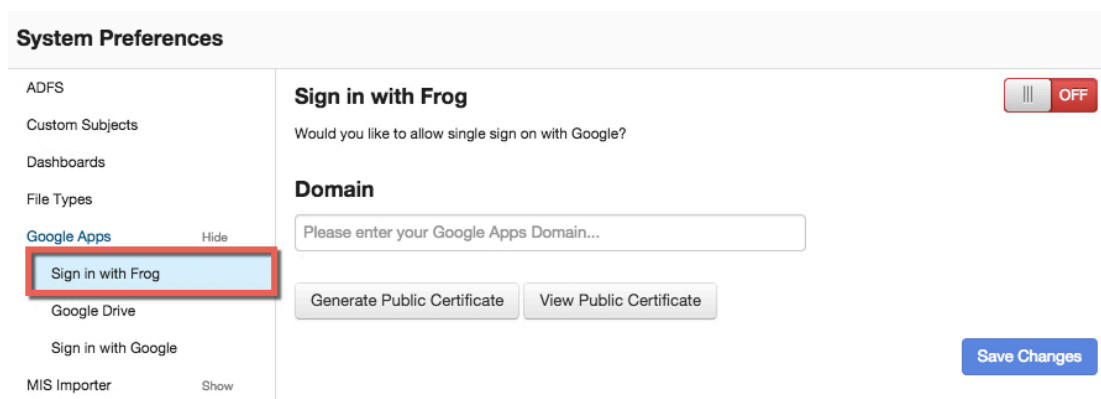
Overview

To enable users to sign in to Google with their FrogLearn credentials you will need to generate a certificate within FrogLearn and upload this to your school's Google tenancy. Step-by-step instructions are outlined in this document.

Schools wanting to get their single sign on functionality working with Frog3 can also achieve this by following these instructions. The Frog Server will use the configuration information in FrogLearn in order to facilitate the single sign on from Frog3 into the Google services.

How-to

Navigate to the **Frog head** > **System Preferences** > **Google Apps** > **Sign in with Frog**.



System Preferences

- ADFS
- Custom Subjects
- Dashboards
- File Types
- Google Apps Hide
- Sign in with Frog**
- Google Drive
- Sign in with Google
- MIS Importer Show

Sign in with Frog OFF

Would you like to allow single sign on with Google?

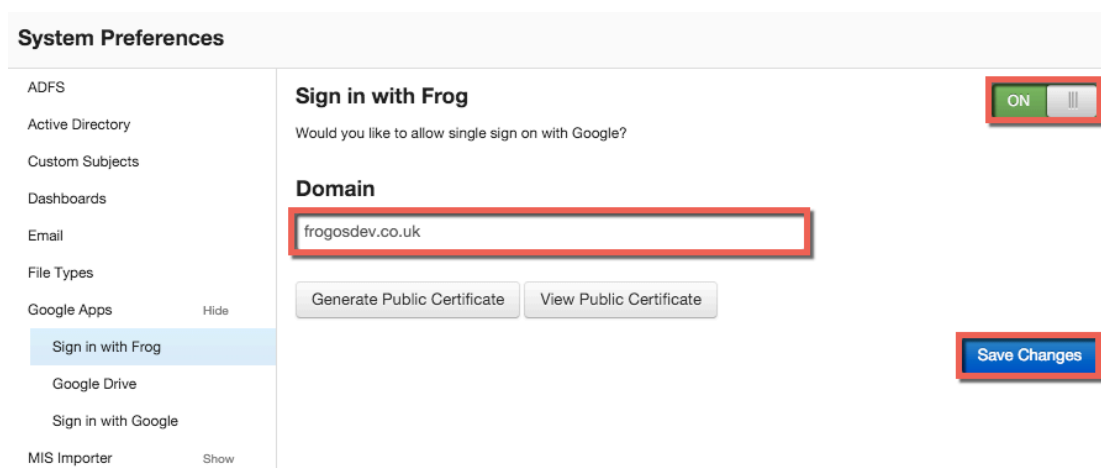
Domain

Please enter your Google Apps Domain...

Generate Public Certificate View Public Certificate

Save Changes

The domain associated with your Google tenancy will need to be entered into the **Domain** field (e.g. **frogosdev.co.uk**). Next, enable the **ON** switch and then click on the **Save Changes** button.



System Preferences

- ADFS
- Active Directory
- Custom Subjects
- Dashboards
- Email
- File Types
- Google Apps Hide
- Sign in with Frog**
- Google Drive
- Sign in with Google
- MIS Importer Show

Sign in with Frog ON

Would you like to allow single sign on with Google?

Domain

frogosdev.co.uk

Generate Public Certificate View Public Certificate

Save Changes

The next step is to generate a public certificate to upload to your Google tenancy. Click on the **Generate Public Certificate** button.



System Preferences

ADFS
Custom Subjects
Dashboards
File Types
Google Apps Hide
Sign in with Frog
Google Drive
Sign in with Google
MIS Importer Show

Sign in with Frog ON

Would you like to allow single sign on with Google?

Domain
frogosdev.co.uk

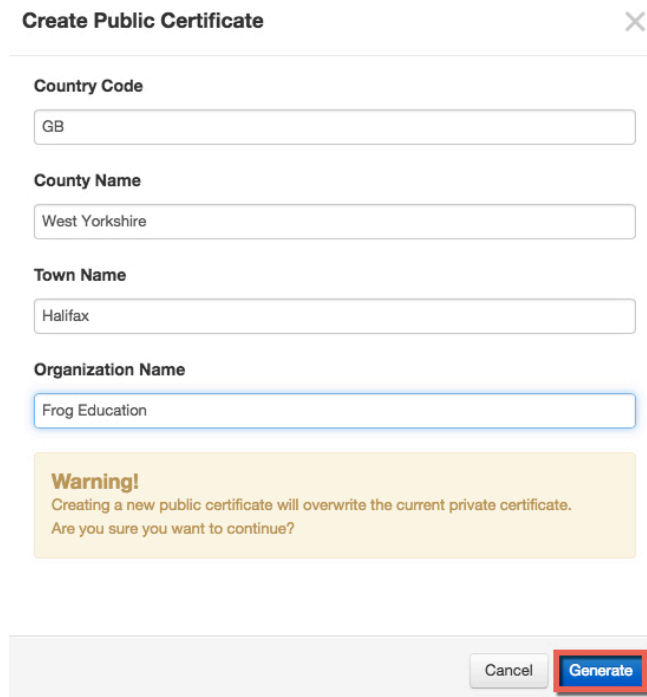
Generate Public Certificate View Public Certificate

Save Changes

A pop-up window will appear requesting some basic information including:

- Country code
- County name
- Town name
- Organisation name

Complete all fields and then click on the **Generate** button.



Create Public Certificate X

Country Code
GB

County Name
West Yorkshire

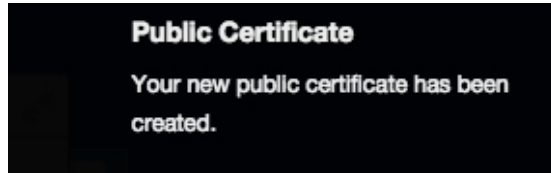
Town Name
Halifax

Organization Name
Frog Education

Warning!
Creating a new public certificate will overwrite the current private certificate.
Are you sure you want to continue?

Cancel **Generate**

When the details for the public certificate have been saved a notification growl will appear as below.



The public certificate generated will be displayed. Select the **Download** button. A file called **frog_google_sso.crt** will download to the location set by the browser.

Create Public Certificate ✕

```
-----BEGIN CERTIFICATE-----
MIIDWTCCAsKgAwIBAgIBADANBgkqhkiG9w0BAQQFADCBgDELMakGA1UEBhMCR0Ix
FzAVBgNVBAGTD1dlc3QgWW9ya3NoaXJlMRAwDgYDVQQHEwdiYWxpZmF4MSEwHwYD
VQKExhGcm9nIEVkdWNhdG1vbiAtIEhhbGlmYXgxIzAhBgNVBAMTGmZyb2c3b3Mt
cm9jay5xYS5mcm9nLmxxvY2FsMB4XDTE1MDMxOTEzMDgxOVVlcmtzaGlyZTEQMA4G
A1UEBxMHSGFsaWZheDEhMB8GA1UEChMYRnJvZyBFZHVjYXRpb24gLSBIYWxpZmF4
MSMwIQYDVQQDExpncm9nM29zLXJvY2sucWEuZnJvZy5sb2NhbDCBnzANBgkqhkiG
9w0BAQEFAAOBjQAwYkCgYEAteR3YGPMdwhVssmtLhmlcHRImnbz5W2GB1HLWtZd
wQDyz216d7zLCxCK4IOytlutDpT5AmQpkBN7TU4NT4OXh/Ny6uP6H7pBQL1eMxeF
kiKF8BeYbRaGc5i6eAcNXsF51ekcQCZVYxHvAfzNYVtB5UPoqd/I8df9UqAryOwd
hE0CAwEAaOB4DCB3TAdBgNVHQ4EFgQUdLvFHvZrmAYMQL81sPbcC8tarPgwaOG
A1UdIwSBpTCBooAUdLvFHvZrmAYMQL81sPbcC8tarPihgYakgYmWgYAxCzAJBgNV
BAYTAkdCMRcwFQYDVQQIEw5XZXN0IFlvcmtzaGlyZTEQMA4GA1UEBxMHSGFsaWZhe
DEhMB8GA1UEChMYRnJvZyBFZHVjYXRpb24gLSBIYWxpZmF4MSMwIQYDVQQDExpncm
9nM29zLXJvY2sucWEuZnJvZy5sb2NhbIIBADAMBgNVHRMERTADAQH/MA0GCSqG
SIb3DQEBAUAA4GBAKj0LRu2pz5qGKxew/G579XZxtFVM0jaP6UZ2d9/RKAmpw
dH6wiAusJimxh7dyL0MVRABkayzJf6dFzBzZk578o9vhZW/sIqoaiYf2hSEfOgHP
3ZVP673eCGnIk+q17pibH74630mZFayNtMqnb9uXtaOngq/E+E6zB1mirvz
-----END CERTIFICATE-----
```

A blue rectangular button with the word "Download" in white text, outlined in red.

Next we will need to upload the Frog public certificate to the Google tenancy. In a browser navigate to the URL https://google.com/a/<Google_domain> and log in as your school's Google administrator (e.g. <https://google.com/a/frogosdev.co.uk>).



One account. All of Google.

Sign in with your Google Account

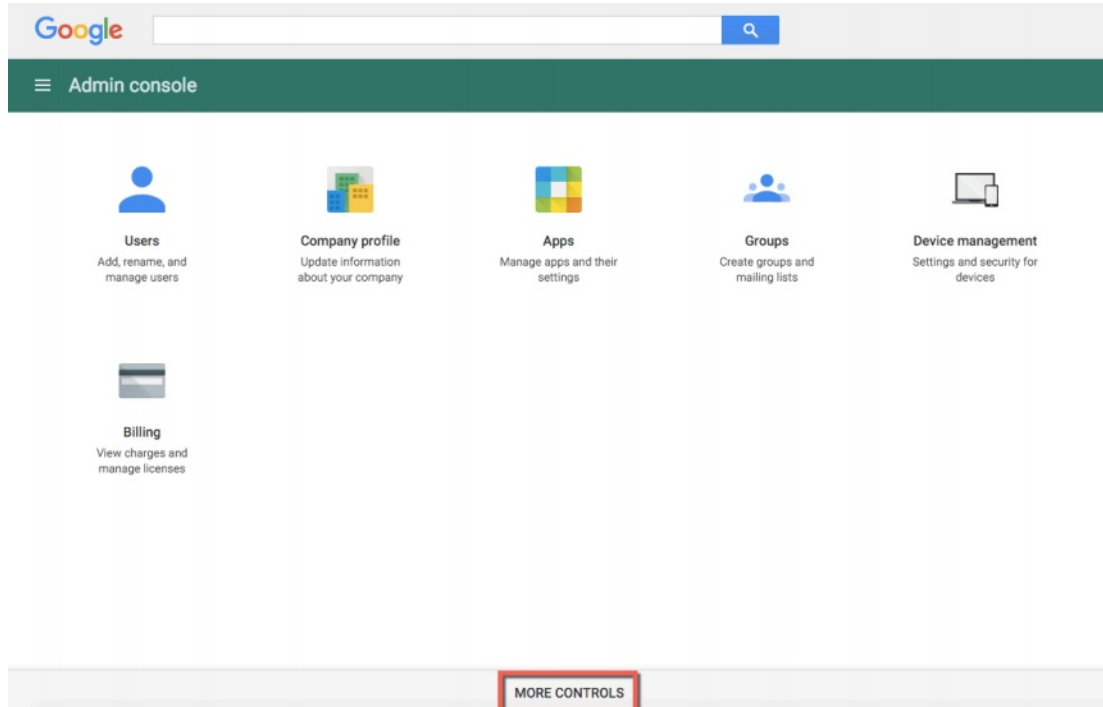
The sign-in form features a grey circular profile picture placeholder at the top. Below it is a text input field containing the email address 'frogadmin@frosdev.co.uk'. Underneath the email field is a password field represented by a series of black dots. A blue 'Sign in' button is positioned below the password field. At the bottom left of the form, there is a checked checkbox labeled 'Stay signed in' and a blue link labeled 'Need help?'.

[Create an account](#)

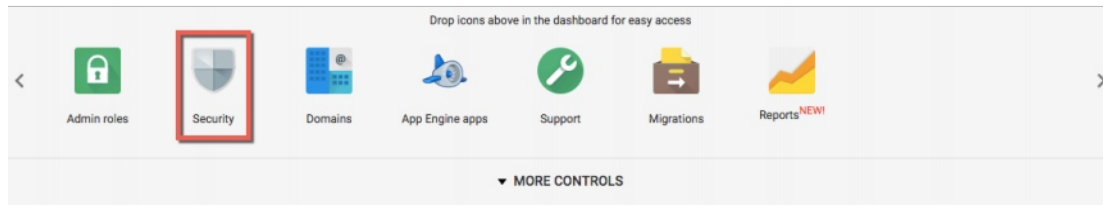
One Google Account for everything Google



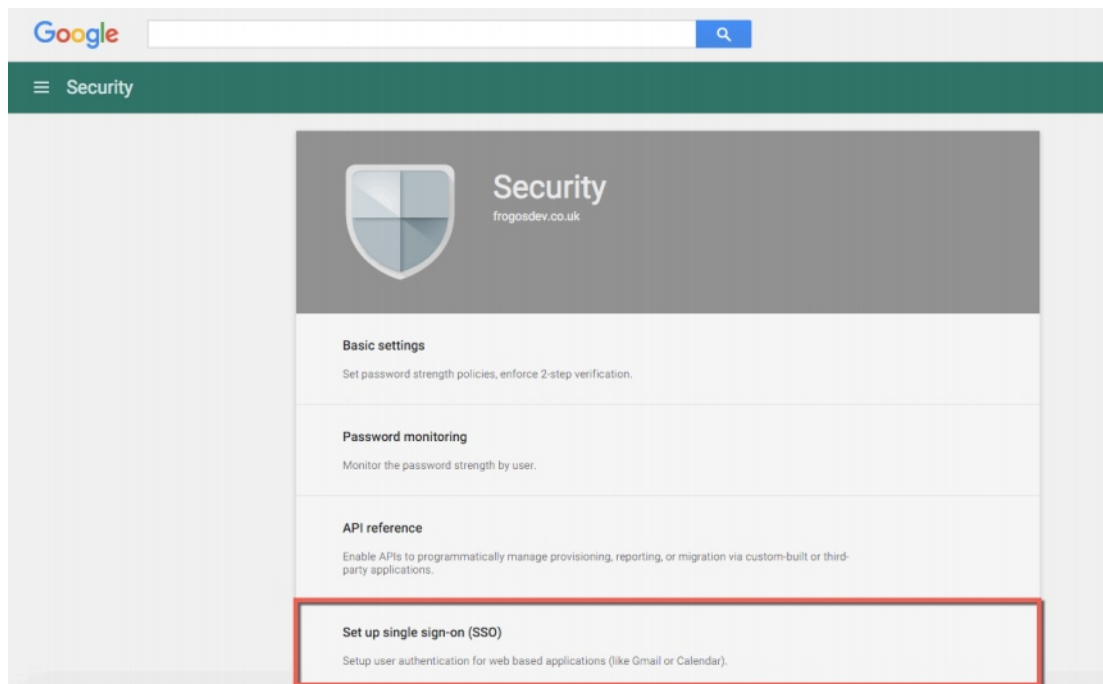
After logging in to the Google admin console click on the **MORE CONTROLS** link at the bottom of the page.



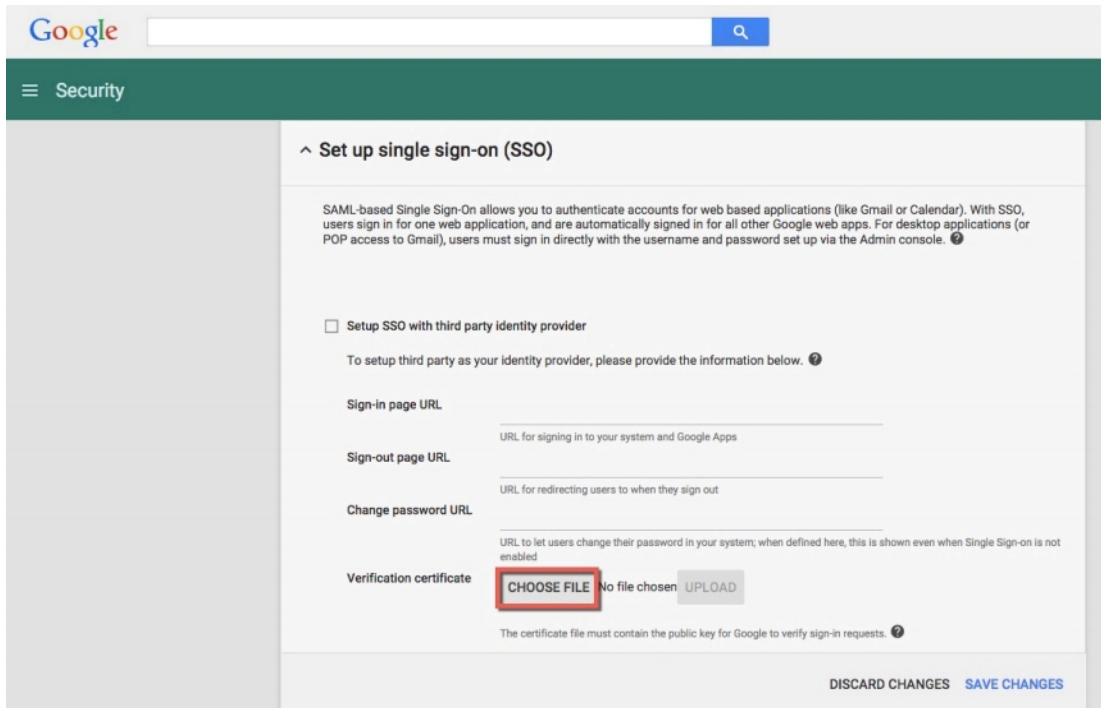
A panel of additional administrative tools will appear. Select the **Security** icon.



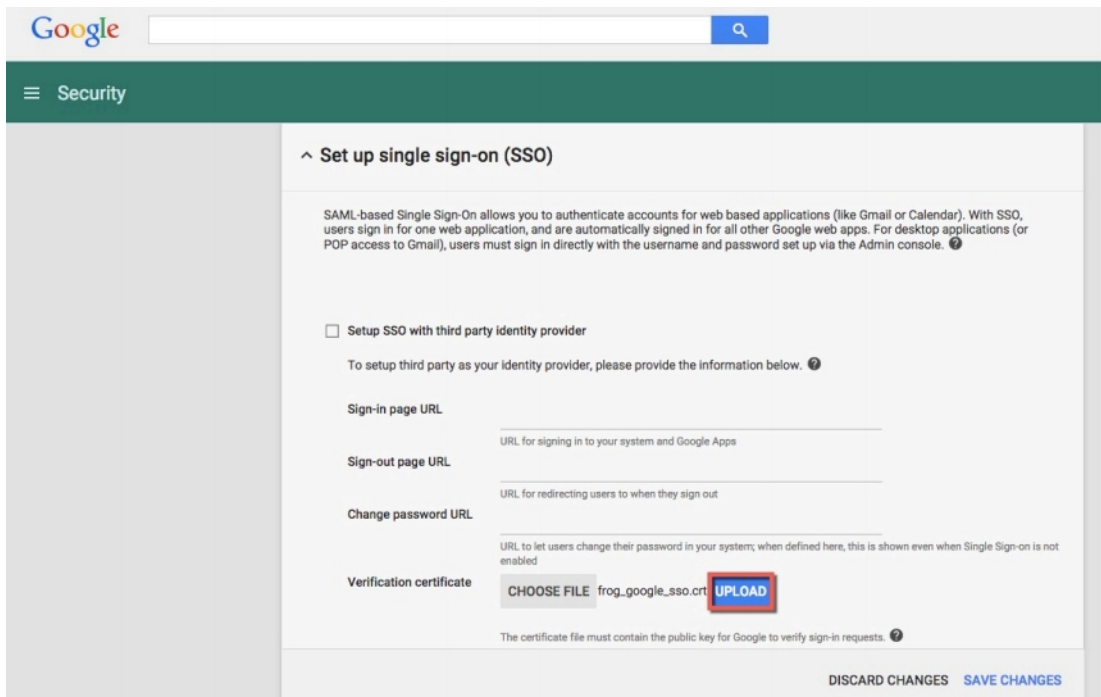
From the Security options select the option **Set up single sign-on (SSO)**.



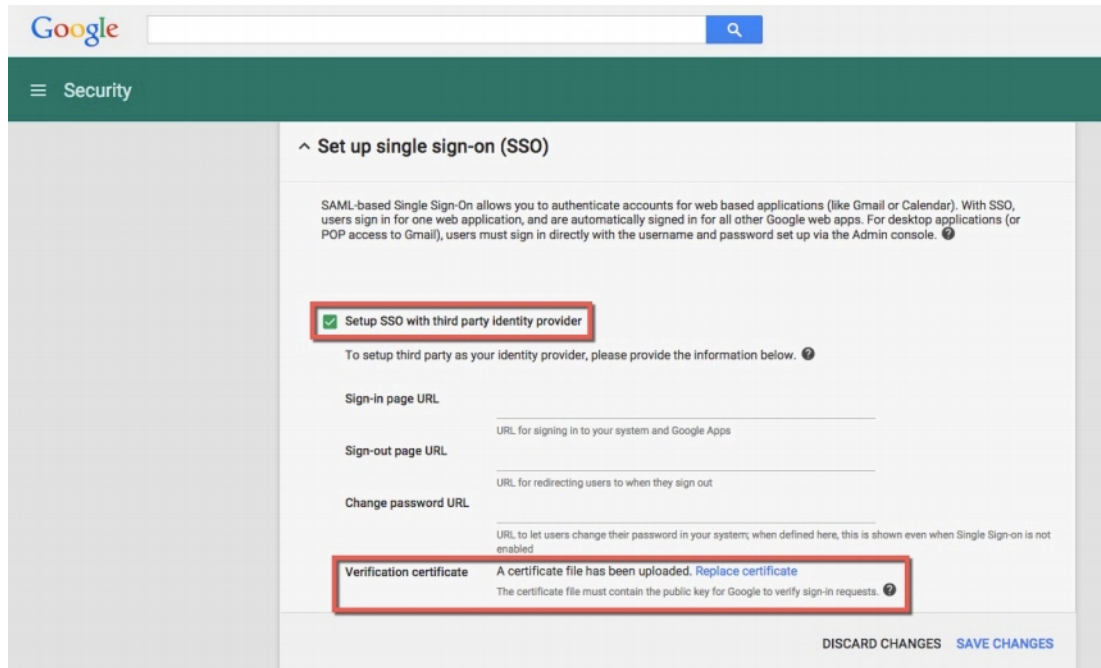
To upload the Frog public certificate generated earlier: select the **CHOOSE FILE** button next to **Verification certificate**, then navigate to and select the file **frog_google_sso.crt** from your local machine.



The Frog public certificate name will be displayed. Click on the **UPLOAD** button.



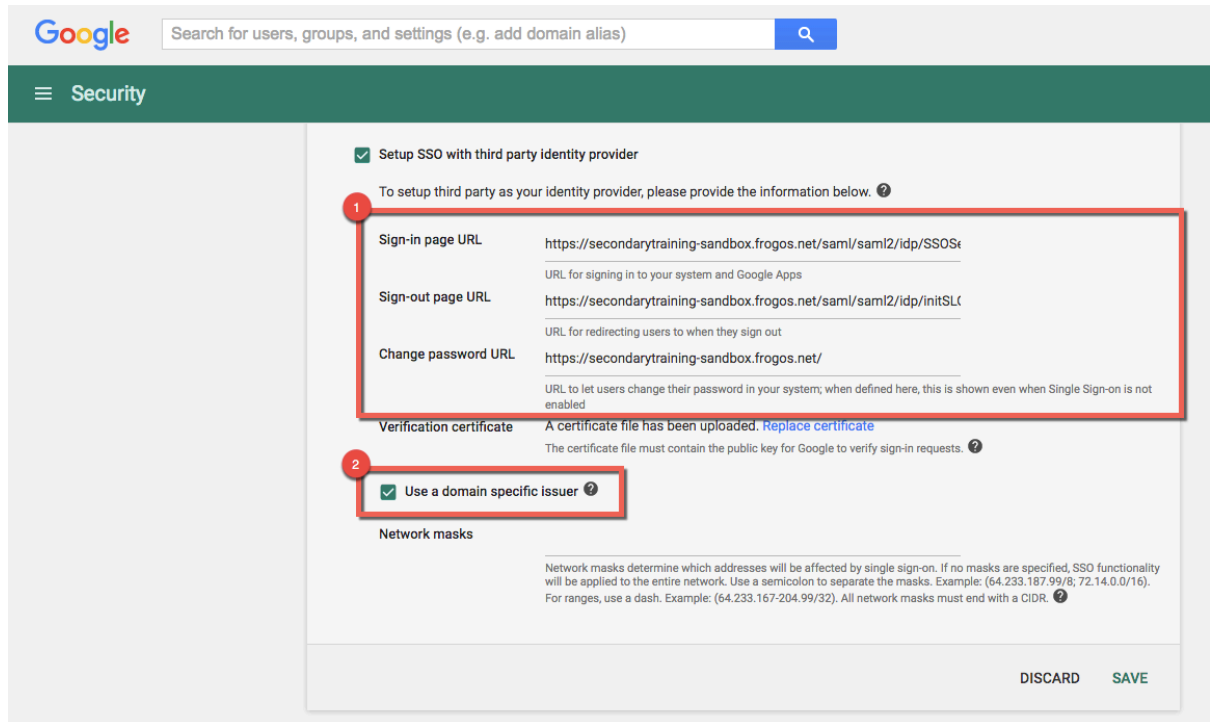
The message **A certificate file has been uploaded** will be displayed. Next, select the checkbox next to **Setup SSO with third party identity provider**.



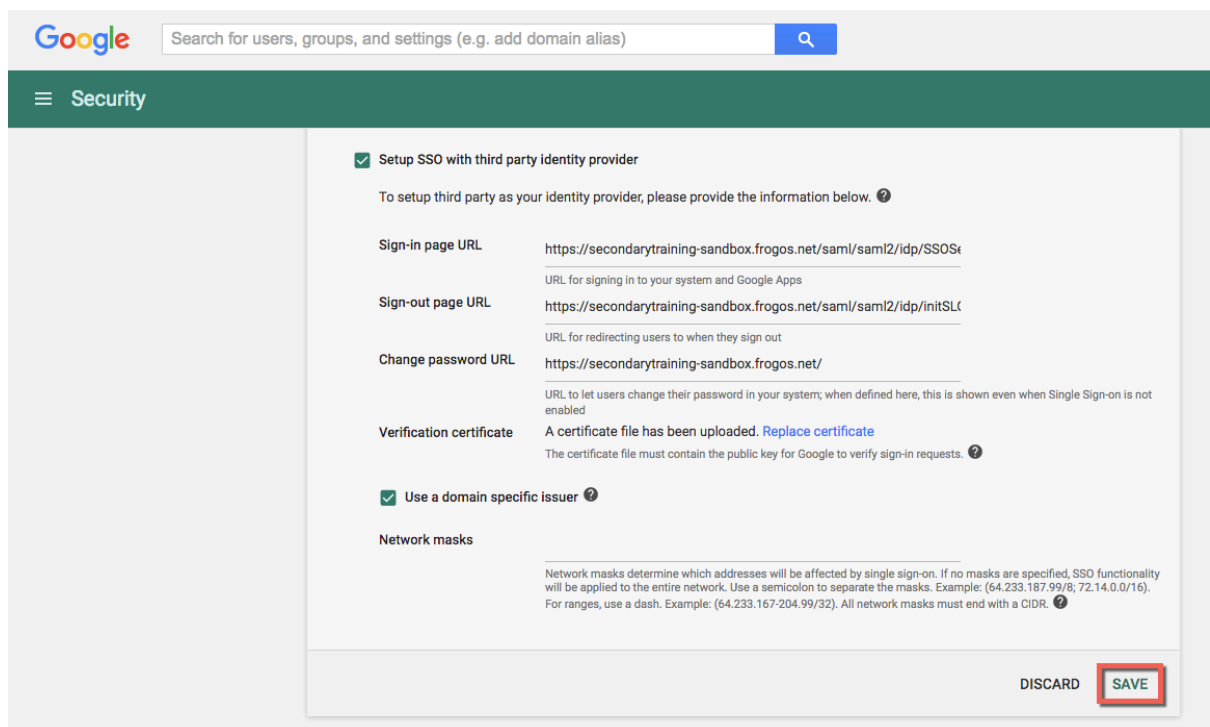
Next we need to configure the URL redirects to point back to your FrogLearn platform:

- Sign-in page URL – This is the URL that will be used to sign in to FrogLearn and Google Apps. Enter your FrogLearn URL with **/saml/saml2/idp/SSOService.php** appended (e.g. <https://secondarytraining-sandbox.frogos.net/saml/saml2/idp/SSOService.php>).
- Sign-out page URL – This is the URL that users will be redirected to when signing out of Google Apps. Enter your FrogLearn URL with **/saml/saml2/idp/initSLO.php?RelayState=/app/os/logout** appended (e.g. <https://secondarytraining-sandbox.frogos.net/saml/saml2/idp/initSLO.php?RelayState=/app/os/logout>).
 - **NOTE** For Frog 3 / FrogLearn customers you will also need to ensure that **/frogos** is appended within your URL (e.g. <https://secondary-testing.frogdev.co.uk/frogos/saml/saml2/idp/initSLO.php?RelayState=/app/os/logout>).
- Change password URL – This is the URL that users will be redirected to if they wish to change their password in Google Apps. Enter your FrogLearn URL. For example <https://secondarytraining-sandbox.frogos.net/>

Lastly ensure that the check box next to the option **Use a domain specific issuer** is selected.



Click on the **SAVE** button to apply the changes.



Log out of the Google administrator account. Navigate to a Google service such as Google Mail (www.gmail.com). Enter your email address and then click on the **Next** button.



One account. All of Google.

Sign in with your Google Account

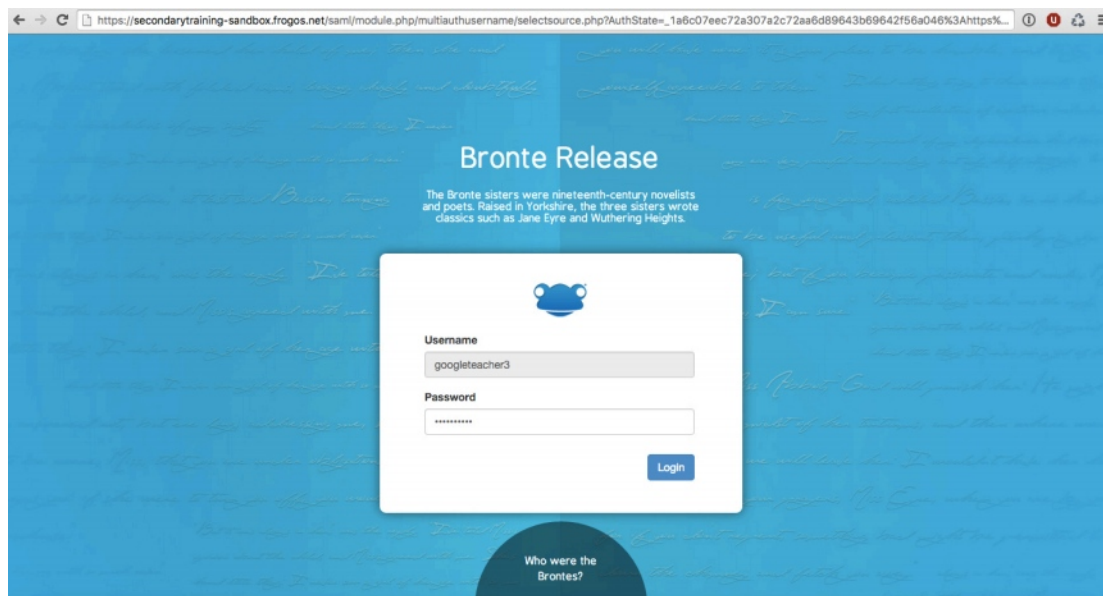
The image shows a Google sign-in interface. At the top is a grey circle representing a profile picture. Below it is a text input field containing the email address "googleteacher3@frogosdev.co.uk". Underneath the input field is a blue button with the word "Next" in white. To the right of the "Next" button is a link that says "Need help?". The entire sign-in area is enclosed in a light grey box.

[Create account](#)

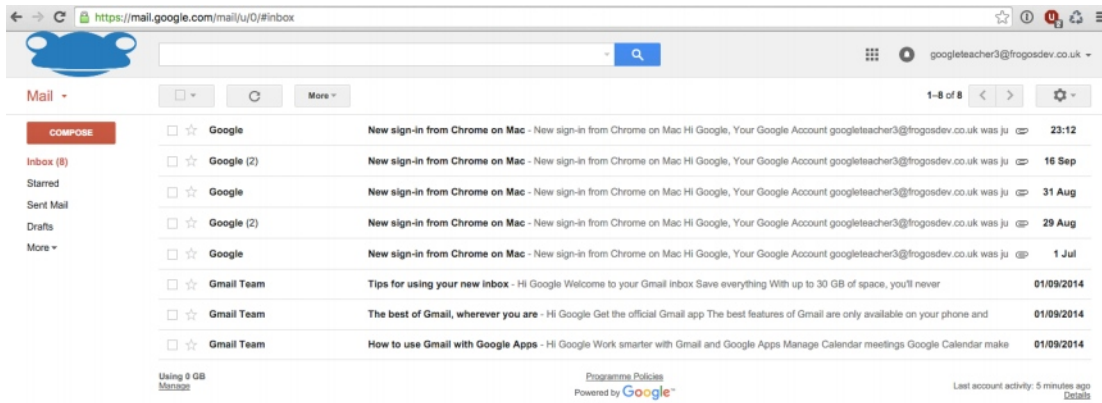
One Google Account for everything Google



You will be redirected to your FrogLearn platform. Enter your FrogLearn login credentials.



After your login credentials are authorised you will be taken back to the Google service that you initially requested. Therefore, in this example we are redirected to Google Mail.



Alternatively, users can log in to FrogLearn and access Google services by using the External Links widget on a dashboard or site. The domain entered should be in the format https://<Google_service>/a/<Google_domain>. Below are some examples of various services:

- Google Mail – <https://mail.google.com/a/frogosdev.co.uk>
- Google Drive – <https://drive.google.com/a/frogosdev.co.uk>
- Google Documents – <https://docs.google.com/a/frogosdev.co.uk>

When accessing any of the external links, they will open in a separate tab within your browser session.

