

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

System Preferences		
ADFS	Sign in with Frog	OFF
Dashboards	Would you like to allow single sign on with Google?	
File Types	Domain	
Google Apps Hide Sign in with Frog	Please enter your Google Apps Domain	
Google Drive	Generate Public Certificate View Public Certificate	
Sign in with Google		Save Changes
MIS Importer Show		

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

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 Prefer	ences		
ADFS		Sign in with Frog	ON
Active Directory		Would you like to allow single sign on with Google?	
Custom Subjects			
Dashboards		Domain	
Email		frogosdev.co.uk	
File Types			
Google Apps	Hide	Generate Public Certificate View Public Certificate	
Sign in with Frog			Save Changes
Google Drive			
Sign in with Goog	gle		
MIS Importer	Show		

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

System Prefe	rences		
ADFS		Sign in with Frog	ON III
Custom Subjects		Would you like to allow single sign on with Google?	
Dashboards			
File Types		Domain	
Google Apps	Hide	frogosdev.co.uk	
Sign in with Frog	g		
Google Drive		Generate Public Certificate View Public Certificate	
Sign in with Goo	ogle		Save Changes
MIS Importer	Show		

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.

Country Code	
GB	
County Name	
West Yorkshire	
Town Name	
Halifax	
Drganization Name	
Proganization Name Frog Education Warning! Creating a new publik Are you sure you war	c certificate will overwrite the current private certificate. at to continue?
Drganization Name Frog Education Warning! Creating a new public Are you sure you war	c certificate will overwrite the current private certificate. at to continue?

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

Public Certificate

Your new public certificate has been created.

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 X ----BEGIN CERTIFICATE----MIIDWTCCAsKgAwIBAgIBADANBgkqhkiG9w0BAQQFADCBgDELMAkGA1UEBhMCR0Ix FzAVBgNVBAgTD1d1c3QgWW9ya3NoaXJ1MRAwDgYDVQQHEwdIYWxpZmF4MSEwHwYD VQQKExhGcm9nIEVkdWNhdGlvbiAtIEhhbGlmYXgxIzAhBgNVBAMTGmZyb2czb3Mt cm9jay5xYS5mcm9nLmxvY2FsMB4XDTE1MDMxOTEzMDgxOVoXDTE1MDMxOTEzMDgx OVowgYAxCzAJBgNVBAYTAkdCMRcwFQYDVQQIEw5XZXN0IF1vcmtzaGlyZTEQMA4G A1UEBxMHSGFsaWZheDEhMB8GA1UEChMYRnJvZyBFZHVjYXRpb24gLSBIYWxpZmF4 MSMwIQYDVQQDExpmcm9nM29zLXJvY2sucWEuZnJvZy5sb2NhbDCBnzANBgkqhkiG 9w0BAQEFAAOBjQAwgYkCgYEAteR3YGPMdwhVssmtLhmlcHRImnbz5W2GB1HLWtZd wQDyz216d7zLCxCK4IOyt1uTDpT5AmQpkBN7TU4NT4OXh/Ny6uP6H7pBQL1eMxeF kiKF8BeYbRaGc5i6eAcNXsF51ekcQCZVYxHvAfzNYVtB5UPoqd/I8df9UqAryOwd $\tt hE0CAwEAAaOB4DCB3TAdBgNVHQ4EFgQUdLvFHvZrmAYMQL81sPbcC8tarPgwga0G$ A1UdIwSBpTCBooAUdLvFHvZrmAYMQL81sPbcC8tarPihgYakgYMwgYAxCzAJBgNV BAYTAkdCMRcwFQYDVQQIEw5XZXN0IF1vcmtzaG1yZTEQMA4GA1UEBxMHSGFsaWZh eDEhMB8GA1UEChMYRnJvZyBFZHVjYXRpb24gLSBIYWxpZmF4MSMwIQYDVQQDExpm cm9nM29zLXJvY2sucWEuZnJvZy5sb2NhbIIBADAMBgNVHRMEBTADAQH/MA0GCSgG SIb3DQEBBAUAA4GBAKj0LRu2pz5qGKxew/G579XZXtrFVM0jaP6UZ2d9/RKAAmpw dH6wiAusJimxh7dyL0MVRABkayzJf6dFzBzZk578o9vhZW/sIqoaiYf2hSEf0gHP 3ZVP673eCGnIk+q17pibH746304mZFayNtMqnb9uXtaOngq/E+E6zB1mirvz ----END CERTIFICATE-----



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

Google
One account. All of Google.
Sign in with your Google Account
0
frogadmin@frogosdev.co.uk
Sign In
Stay signed in 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).

Google	٩
≡ Security	
	Security Irogosidev.co.uk
	Basic settings Set password strength policies, enforce 2-step verification.
	Password monitoring Monitor the password strength by user.
	API reference Enable APIs to programmatically manage provisioning, reporting, or migration via custom-built or third- party applications.
	Set up single sign-on (SSO) Setup user authentication for web based applications (like Gmail or Calendar).

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.

Google		٩
≡ Security		
	 Set up single sign-o 	on (SSO)
	SAML-based Single Sign-On a users sign in for one web app POP access to Gmail), users r	Illows you to authenticate accounts for web based applications (like Gmail or Calendar). With SSO, lication, and are automatically signed in for all other Google web apps. For desktop applications (or must sign in directly with the username and password set up via the Admin console.
	Setup SSO with third part	y identity provider
	To setup third party as yo	ur identity provider, please provide the information below.
	Sign-in page UKL	URL for signing in to your system and Google Apps
	Sign-out page URL	URL for redirecting users to when they sign out
	Change password URL	
	Varification contificato	URL to let users change their password in your system; when defined here, this is shown even when Single Sign-on is not enabled
	venication centricate	CHOOSE FILE No file chosen UPLOAD
		The certificate file must contain the public key for Google to verify sign-in requests.
		DISCARD CHANGES SAVE CHANGES

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

Google	٩	I
≡ Security		
	 Set up single sign-on (SSO) 	
	SAML-based Single Sign-On allows you to authenticate accounts for web based users sign in for one web application, and are automatically signed in for all oth POP access to Gmail), users must sign in directly with the username and passw	applications (like Gmail or Calendar). With SSO, er Google web apps. For desktop applications (or ord set up via the Admin console.
	Setup SSO with third party identity provider To setup third party as your identity provider, please provide the information	1 below. 🞯
	Sign-in page URL	
	URL for signing in to your system and Google Apps Sign-out page URL	
	URL for redirecting users to when they sign out Change password URL	
	URL to let users change their password in your system; v enabled	when defined here, this is shown even when Single Sign-on is not
	Verification certificate CHOOSE FILE frog_google_sso.crt UPLOAD	
	The certificate file must contain the public key for Googi	e to verify sign-in requests.
		DISCARD CHANGES SAVE CHANGES

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

Google		٩
≡ Security		
	^ Set up single sign-o	on (SSO)
	SAML-based Single Sign-On a users sign in for one web app POP access to Gmail), users i	allows you to authenticate accounts for web based applications (like Grnail or Calendar). With SSO, lication, and are automatically signed in for all other Google web apps. For desktop applications (or must sign in directly with the username and password set up via the Admin console.
	Setup SSO with third part To setup third party as yo	ty identity provider
	Sign-in page URL	
	Sign-out page URL	URL for algoing in to your system and Google Apps
	Change password URL	URL for redirecting users to when they sign out
		URL to let users change their password in your system; when defined here, this is shown even when Single Sign-on is not enabled
	Verification certificate	A certificate file has been uploaded. Replace certificate The certificate file must contain the public key for Google to verify sign-in requests.
		DISCARD CHANGES SAVE CHANGES

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. <u>https://secondarytraining-</u> sandbox.frogos.net/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. <u>https://secondary-</u> 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 <u>https://secondarytraining-sandbox.frogos.net/</u>

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

Google	Google Search for users, groups, and settings (e.g. add domain alias)		
≡ Security			
		Setup SSO with third par	ty identity provider
		To setup third party as yo	our identity provider, please provide the information below. 🕢
		Sign-in page URL	https://secondarytraining-sandbox.frogos.net/saml/saml2/idp/SSOSe
		Sign-out page LIPI	URL for signing in to your system and Google Apps
		Sign-out page one	https://secondarytraining-sandbox.trogos.net/sami/sami/z/idp/initSL(
		Change password URL	https://secondarytraining-sandbox.frogos.net/
			URL to let users change their password in your system; when defined here, this is shown even when Single Sign-on is not enabled
		Verification certificate	A certificate file has been uploaded. Replace certificate The certificate file must contain the public key for Google to verify sign-in requests.
	•	2 Use a domain specif	ic issuer 🕐
		Network masks	
			Network masks determine which addresses will be affected by single sign-on. If no masks are specified, SSO functionality will be applied to the entire network. Use a semicolon to separate the masks. Example: (64.233.187.99/8; 72.14.0.0/16). For ranges, use a dash. Example: (64.233.167-204.99/32). All network masks must end with a CIDR.
			DISCARD SAVE

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

Google Search for users, groups, and settings (e.g. add domain alias)		
≡ Security		
Setup SSO with third part	ty identity provider	
To setup third party as y	our identity provider, please provide the information below. 🚳	
Sign-in page URL	https://secondarytraining-sandbox.frogos.net/saml/saml2/idp/SSOSt	
	URL for signing in to your system and Google Apps	
Sign-out page URL	https://secondarytraining-sandbox.frogos.net/saml/saml2/idp/initSL(
Change password LIRI	URL for redirecting users to when they sign out	
onange pussifora one	nttps://secondarytraining-sandbox.trogos.net/	
	UKL to let users change their password in your system, when defined here, this is shown even when Single Sign-on is not enabled	
Verification certificate	A certificate file has been uploaded. Replace certificate	
	nie derunkare nie niust contain die public key for Google to venny signen requests.	
🔽 Use a domain speci	fic issuer 🚳	
Network masks		
	Network masks determine which addresses will be affected by single sign on. If no masks are specified, SSO functionality will be applied to the entire network. Use a semicolon to separate the masks. Example: (64.233.187.99/8; 72.14.0.0/16). For ranges, use a dash. Example: (64.233.167-204.99/32). All network masks must end with a CIDR.	
	DISCARD	

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



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

C https://secondarytraining-sandbox.frogos.net/saml/module.	.php/multiauthusername/selectsource.php?AuthState=_1a6c07eec	72a307a2c72aa6d89643b69642f56a046%3Ahttps% 🛈 😃 🝰 🗄
	Bronte Release	
	The Bronte sisters were nineteenth-century novelists and poets. Raised in Yorkshire, the three sisters wrote classics such as Jane Eyre and Wuthering Heights.	
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and the and the ready first little	22	an take by sea care and provide and manda and the seal of the sea of t
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and the and a second	Password	with of the testing, and then where my
the most of the the face we would defect the	Login	ene will traje des Describert dass des d
and of the war to top an office and		and property that Green and a green we down
	the Bartal I and the Constant	
	Who were the Brontes?	

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.

← → C 🔒 https:	//mail.google.com/mail/u/0/#inbox	☆	0 0 4 ≡
	3	· Q googletascher3@fr	ogosdev.co.uk +
Mail +	· · C Mon	•~ 1–8 of 8 < >	¢ -
COMPOSE	🗌 🏠 Google	New sign-in from Chrome on Mac - New sign-in from Chrome on Mac Hi Google, Your Google Account googleteacher3@frogosdev.co.uk was ju	D 23:12
Inbox (8) Starred Sert Mail Drafts More +	□ ☆ Google (2)	New sign-in from Chrome on Mac - New sign-in from Chrome on Mac Hi Google, Your Google Account googleteacher3@frogosdev.co.uk was ju	16 Sep
	🗌 🚖 Google	New sign-in from Chrome on Mac - New sign-in from Chrome on Mac Hi Google, Your Google Account googleteacher3@frogosdev.co.uk was ju	🖘 31 Aug
	□ ☆ Google (2)	New sign-in from Chrome on Mac - New sign-in from Chrome on Mac Hi Google, Your Google Account googleteacher3@frogosdev.co.uk was ju	🗈 29 Aug
	口 ☆ Google	New sign-in from Chrome on Mac - New sign-in from Chrome on Mac Hi Google, Your Google Account googleteacher3@frogosdev.co.uk was ju	⊫ 1 Jul
	🗌 🚖 Gmail Team	Tips for using your new inbox - Hi Google Welcome to your Gmail inbox Save everything With up to 30 GB of space, you'll never	01/09/2014
	🗌 🚖 Gmail Team	The best of Gmail, wherever you are - Hi Google Get the official Gmail app The best features of Gmail are only available on your phone and	01/09/2014
	🗌 📩 Gmail Team	How to use Gmail with Google Apps - Hi Google Work smarter with Gmail and Google Apps Manage Calendar meetings Google Calendar make	01/09/2014
	Using 0 GB Managa	Programme Policies Powered by Google* Last account act/	vity: 5 minutes ago Details

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://coogle_service/a/coogle_domain/. Below are some examples of various services:

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

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

