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The Buzz platform supports single sign-on (SSO) to allow users to sign in to one system (*e.g.*, a school Google account or SIS) and then be signed into Buzz automatically without having to re-enter their user credentials. This can reduce the number of platform logins that teachers and students need to remember.

CONSIDERATIONS:

When considering SSO options for your program, keep in mind the following:

- SSO is controlled at the individual domain level; settings do not inherit down to subdomains. Districts that have user accounts created in separate subdomains will need to configure SSO individually for each of those subdomains since users must still login to the domain where their user account resides.
- There may be implications for username conventions adopted in Buzz. Some SSO configurations require that a user's Buzz username match exactly the user's ID in the source system. For example, when using Google SSO, the only allowable value for an individual's Buzz username is the Google email address assigned to them via the school's G-Suite admin console.
- It is likely that not all users will be able to authenticate themselves via SSO. Parent observer accounts and certain administrator accounts may need to be authenticated directly in Buzz. Accordingly, care should be taken to ensure these users understand how to access the Buzz application login outside of the SSO.

There are different SSO authentication options available in Buzz.

[SAML \(including Google SSO\)](#)

[CAS](#)

Enable Single Sign-on

SAML CONFIGURATION PROCESS

Security Assertion Markup Language (SAML) is an open standard, XML-based markup language for security assertions. To set up SAML authentication, an IDP metadata file needs to be produced from within the identity provider system. Because Google SSO is the most commonly adopted SAML SSO configuration, detailed instructions for configuring Google SSO are provided below. For those configuring SAML SSO from a different identity provider, please follow the directions specified by your provider.

Create & Activate Custom Google SAML App

If you are configuring SAML SSO with a provider other than Google and you have already created your IDP metadata file, select [here](#) for directions on how to upload that file in Buzz and complete your configuration.

Before beginning:

- Schools must have a G Suite account.
- The user configuring SSO for your domain must have access to the Google Admin console.

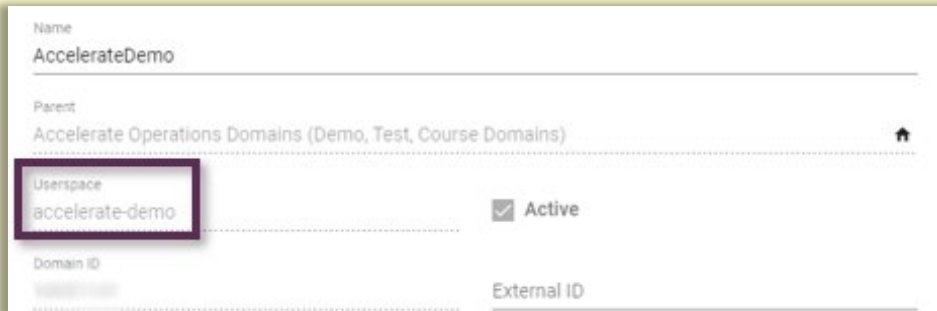
Create Google Custom App:

1. Sign into the school's Google Admin console.
2. Open **Apps** from the console homepage.
3. Open **Web and mobile apps**.
4. Select the **Add App** dropdown menu » **Add custom SAML app**.
5. Enter **Buzz** within the App name field.
6. Select **Continue**.
7. Select **Download Metadata** button location within Option 1.
8. Select **Continue**.
9. Enter the following within the Service Provider Details window:
 - a. ACS (AssertionConsumerService) URL:
`https://api.agilixbuzz.com/SAML/USERSPACE/Consumer`
 - b. Entity ID:
`https://api.agilixbuzz.com/SAML/USERSPACE`
 - c. Start URL:
`https://USERSPACE.agilixbuzz.com/home`
or
`https://USERSPACE.vschool.com/home`

Enable Single Sign-on

Note:

»» Replace “**USERSPACE**” with your domain’s userspace wherever it appears. You can locate your domain’s userspace on the Admin App home page.



Name
AccelerateDemo

Parent
Accelerate Operations Domains (Demo, Test, Course Domains)

Userspace
accelerate-demo

Domain ID
[Redacted]

External ID
[Redacted]

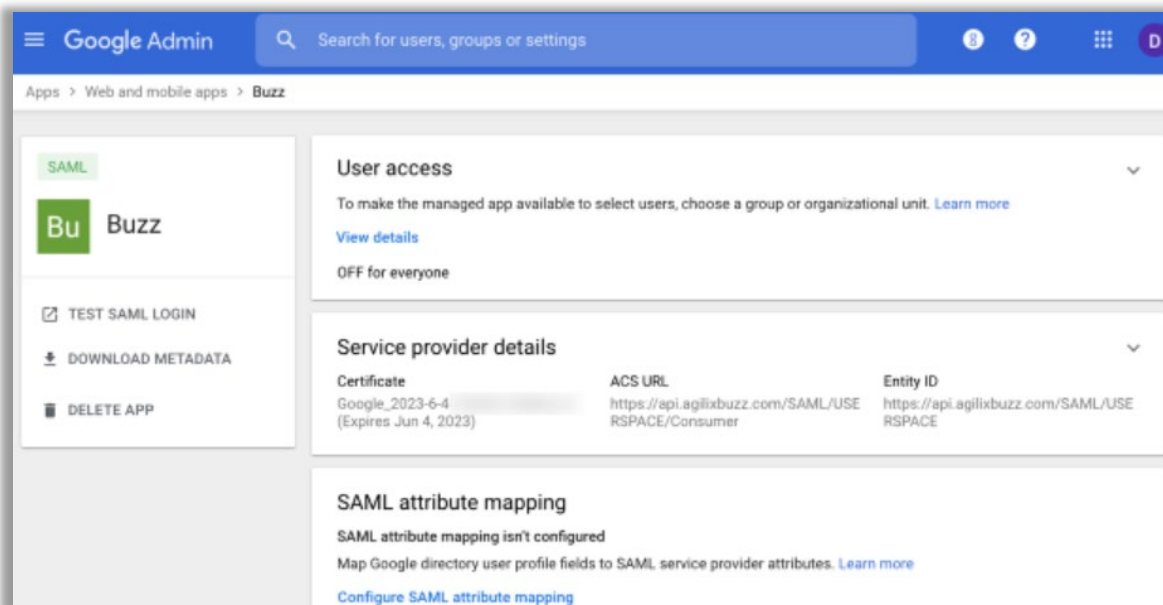
☒ Active

d. Leave Signed Response **unchecked**.

10. Select **Continue**.

11. Select **Finish**.

Summary screen:



Google Admin

Search for users, groups or settings

Apps > Web and mobile apps > Buzz

SAML

Bu Buzz

☒ TEST SAML LOGIN

DOWNLOAD METADATA

DELETE APP

User access

To make the managed app available to select users, choose a group or organizational unit. [Learn more](#)

[View details](#)

OFF for everyone

Service provider details

Certificate
Google_2023-6-4
(Expires Jun 4, 2023)

ACS URL
<https://api.agilixbuzz.com/SAML/USE/RSPACE/Consumer>

Entity ID
<https://api.agilixbuzz.com/SAML/USE/RSPACE>

SAML attribute mapping

SAML attribute mapping isn't configured

Map Google directory user profile fields to SAML service provider attributes. [Learn more](#)

[Configure SAML attribute mapping](#)

Turn on Newly Created App:

12. Select the **User access** card.

13. Locate **Organizational Units** within the left-hand panel.

14. Verify that the user account email ID's match those in the domain for the organization's Google service. Example: If student's emails are *studentname@dva.com* then *dva.com* must be visible within the Organizational Units panel.

Enable Single Sign-on

15. Select **On for everyone** within the Service status section.
16. Select **Save**.

Warning:

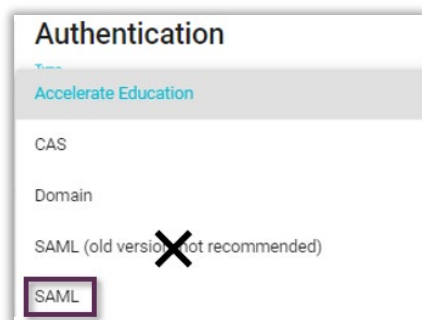
Authentication is not possible until administrators configure their Buzz domain to use the new Google SSO. Continue to the next section.

Please note that at this time, Buzz does not support launching the newly created Buzz app through the Google app chooser menu. Google enforces IDP-initiated login which Buzz does not support. Users attempting to login through the Google app chooser menu will receive an error message that displays “500 error - Internal Server Error. Index was outside the bounds of the array.”

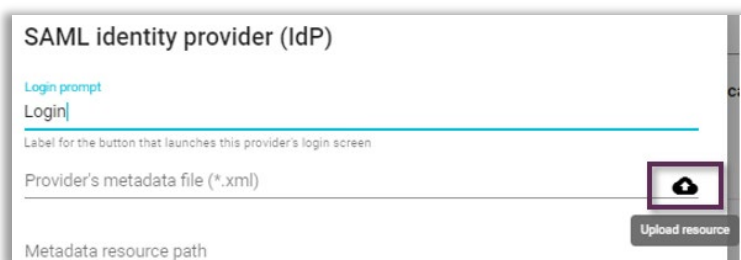
Configure Buzz for SAML Configuration

To configure Buzz to accept SAML authentication:

1. Log in to the school’s domain using the URL, username and password received following Accelerate Education administrator training.
2. Select the ellipsis (3-dot) menu from the Admin App homepage » **Domain Settings**.
3. Locate the **Authentication** section on the Domain settings page.
4. Select SAML from the Type dropdown menu. It initially reads Accelerate Education. Do not select the old version.



5. Select **ADD IDENTITY PROVIDER (IDP)**.
6. Select the upload icon to add the idp-meta XML file downloaded earlier from Google. Once uploaded the remainder of the fields will be automatically populated.



Enable Single Sign-on

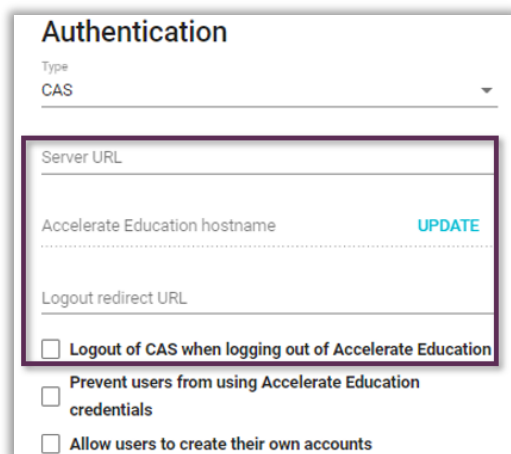
7. Select **Done**.
8. (Optional) Provide a **Logout redirect URL** if desired. This option can be useful if schools wish users to be redirected somewhere other than the Buzz login page when they sign out.
9. Select **Save** along the Domain setting navbar.

If you are configuring SSO for multiple subdomains, the above process (beginning with the creation of a custom SAML App in the G-Suite Admin console) will need to be repeated for each subdomain.

CAS CONFIGURATION PROCESS

Central Authentication Service (CAS) is a single sign-on protocol for web-based applications. For programs implementing SSO using CAS, follow the steps below to configure the authentication within Buzz.

1. Log in to the school's domain using the URL, username and password received following Accelerate Education administrator training.
2. Select the ellipsis (3-dot) menu from the Admin App homepage » **Domain Settings**.
3. Locate the **Authentication** section on the Domain settings page.
4. Select CAS from the Type dropdown menu. It initially displays Accelerate Education.
5. Enter the CAS Server URL. Reach out to your provider directly if you need assistance in ascertaining the URL of the CAS Server against which your users will be authenticating.
6. Enter either *agilixbuzz.com* or *vschool.com* in the "hostname" field, depending on which URL your users are directed for login. This increases the security of the credential exchange.
7. Select **Update**.



Authentication

Type
CAS

Server URL

Accelerate Education hostname **UPDATE**

Logout redirect URL

☒ Logout of CAS when logging out of Accelerate Education

☐ Prevent users from using Accelerate Education credentials

☐ Allow users to create their own accounts

8. (Optional) Provide a **Logout redirect URL** if desired. This option can be useful if schools wish users to be redirected somewhere other than the Buzz login screen when they sign out.
9. (Optional) Check **Logout of CAS when logging out of Buzz**, if desired.

Enable Single Sign-on

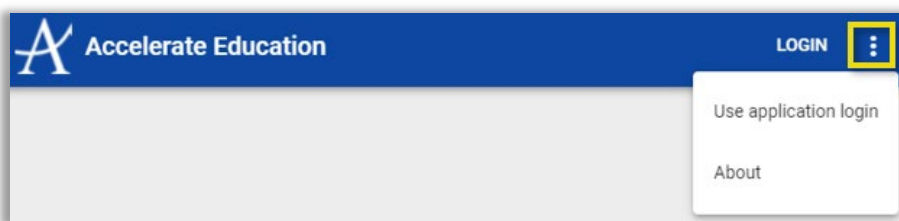
10. Select **Save** along the Domain setting navbar.

If you are configuring SSO for multiple subdomains, the above process will need to be repeated for each subdomain.

ALTERNATIVE LOG IN WHEN SSO ENABLED

There may be situations when a user is unable to authenticate via SSO even when this is configured for your domain, especially in cases where the user (such as a parent observer) does not have an account in your identity provider system.

In these instances, rather than selecting Login and accessing Buzz via the established SSO protocol, user may select the ellipsis (3-dot) menu and choose Use application login instead.



This exposes the Buzz login form where the user can enter their Buzz username and password:



TROUBLESHOOTING

Google Error Messages

ERROR MESSAGE: 403 APP_NOT_CONFIGURED_FOR_USER

Cause: This message indicates the value in the saml:Issuer tag in the SAML Request does not match the Entry ID value entered in the SAML Service Provider Details in the Google Admin console.

Possible Why and Solutions:

- May occur is the user is trying to authenticate with a personal Google address not managed by the program.
- The Entity ID field is case-sensitive. Assure this is messaged.
- Extra leading or trailing spaces were entered. Verify these do not exist.

ERROR MESSAGE: 403 APP_NOT_ENABLED_FOR_USER

Cause: Most often this indicates the SAML App was created but never turned on.

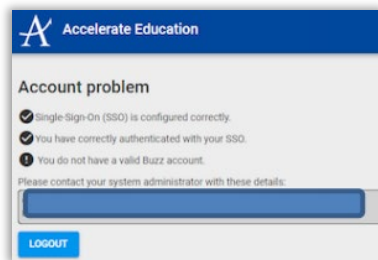
Solution:

Verify that the App is turned on for all users:

Enable Single Sign-on

1. Login to the Google Admin console.
2. Open **Apps** from the console homepage.
3. Open **Web and mobile apps**.
4. Select the Buzz SAML app from the list.
5. Select the **User access** card.
6. Verify in the **Service status** section **On for everyone** is selected.

ERROR MESSAGE: ACCOUNT PROBLEM



Cause: Although the SSO has been properly configured the user account has not yet been added the Buzz platform.

Solution:

Verify the account does exist within the domain.

- If the account does not exist:
 - Create a new user account in the proper domain/subdomain.
- If the account does exist:
 - Verify the user is logging into the correct URL if multiple subdomains are possible.
 - Verify the user's username is the same as their **G Suite email address**.

Buzz Support Articles

Below are links to Buzz platform articles related to Single Sign-on options:

Establishing Google SSO:

<https://support.agilix.com/hc/en-us/articles/360052612771-How-do-I-set-up-Google-SSO-for-my-domain->

General Setting Up SSO:

https://support.agilix.com/hc/en-us/articles/205819985?input_string=domain+authentication

Setting up SAML SSO:

<https://support.agilix.com/hc/en-us/articles/115004050443-How-do-I-set-up-SAML-authentication-for-my-domain->