

## BATCH EMAIL VIA API VERIFICATION

Agilix Buzz requires that users verify their email address if the **Enable email** feature is turned on for the user's domain. There are three methods that can be used for this verification process:

- Users can verify their email address directly from their **User Profile** in Buzz.
- If users are using a school-issued email address, domain administrators can verify email addresses on behalf of their users.
  - Select the hamburger menu » Users.
  - Select the users hyperlinked ID.
  - Select the **VERIFY** button.
- For administrators who need to verify a large number of user email addresses, the verification process can be performed in bulk via the Agilix Application Programming Interface (API) Console.

The Agilix API Console is a powerful tool. In this example, it allows administrators to update their user data directly and in bulk while bypassing the front-end Buzz interface. For an administrator overseeing a large program, this can be a tremendous time saver. However, because the API Console allows administrators to write changes over production data, the use of the tool carries inherent risk for inexperienced users and should be approached with caution.

For more information about Buzz' API capabilities, see:  
<https://api.agilixbuzz.com/docs/#!/Concept/Overview>.

To batch verify user email addresses:

### Preparation

1. Download **Domain User** report to obtain system user ids.
  - a. Select hamburger menu » **Reports**.
  - b. Select **Other** tab.
  - c. Select **User Export** report » complete as directed to download » open file.
2. Clean the file to display relevant data.
  - a. Delete all but the following columns:
    - i. First Name – keep for reference only.
    - ii. Last Name – keep for reference only.
    - iii. User ID – essential column required.
    - iv. Email Verification Date – essential column required.

# API Email Verification

	A	B	C	D
1	First Name	Last Name	User Id	Email Verification Date
2	John	Kim	136113145	
3	David	Merced	136680472	54:09.8
4	Sam	Astro	136680473	

- Filter or sort by the email verification date and then delete those users that have previously verified their account (those with data in this column).

**Warning:**

If this step is not completed administrators will receive an error message later during the update process.

- Delete the **Email Verification Data** column.
- Copy the following into cell D2:

```
<request cmd="verifyuseremail" type="email" userid="X" />
```

- Copy this code down through all user rows.

	A	B	C	D
1	First Name	Last Name	User Id	
2	John	Kim	136113145	<request cmd="verifyuseremail" type="email" userid="X" />
3	David	Merced	136680472	<request cmd="verifyuseremail" type="email" userid="X" />
4	Sam	Astro	136680473	<request cmd="verifyuseremail" type="email" userid="X" />

- Add `<batch>` to cell E1.
- Add SUBSTITUTE function to cell E2. Function variable should appear as: `=SUBSTITUTE(D2,"X",C2)`



- Copy function down through all user rows.
- Verify that the "X" in column D code has been replaced with the User Id from column C within the code that now displays in column E.
- Add `</batch>` to the column E row below last entry. In example below it is cell E5

C	D	E
User Id		<batch>
136113145	<request cmd="verifyuseremail" type="email" userid="X" />	<request cmd="verifyuseremail" type="email" userid="136113145" />
136680472	<request cmd="verifyuseremail" type="email" userid="X" />	<request cmd="verifyuseremail" type="email" userid="136680472" />
136680473	<request cmd="verifyuseremail" type="email" userid="X" />	<request cmd="verifyuseremail" type="email" userid="136680473" />
		</batch>

# API Email Verification

## API Call

Following of the creation of the needed API code the second step is to access the Agilix API Console to complete the batch verification process.

### SAMPLE COMPLETED CODE:

**Note:**

The userid numbers in code below will vary based on each school's users.

```
<batch>
<request cmd="verifyuseremail" type="email" userid="136113145" />
<request cmd="verifyuseremail" type="email" userid="136680472" />
<request cmd="verifyuseremail" type="email" userid="136680473" />
</batch>
```

### ACCESSING AND COMPLETING API CALL

1. Access the Agilix API Console: <https://api.agilixbuzz.com/apiconsole>
2. Authenticate access:
  - a. Enter the following in the **User** field:
    - i. Domain's Userspace
    - ii. /
    - iii. User's username



User:  Pass:

**Sample Entries:** (will vary based on domain Userspace and user's username)  
accelerate-denaliva/JBrown                      accelerate-mauihh/hkim@mauihs.com

- b. Enter platform password in **Pass:** field.
  - c. Select **Login**. Successful Login is confirmed in the Result field.
3. Adjust these fields to:
    - a. Method: select POST.
    - b. Accepts: select XML.
    - c. Query-String: remains blank.
    - d. Content-Type: text/xml
  4. Copy data from column E only of the prepared spreadsheet into the Post Data field.

**Awareness:**

- First time users: Start with a small sample of users to verify all is working properly.
- Presently a maximum of 5000 records can be validated at one time.

# API Email Verification

- If an administrator oversees multiple subdomains, all users can be verified from the main domain.

Method:	POST	Accepts:	XML
Query-String:	?		
Content-Type:	text/xml		
POST Data:	<pre>&lt;batch&gt; &lt;request cmd="verifyuseremail" type="email" userid="136113145" /&gt; &lt;request cmd="verifyuseremail" type="email" userid="136680472" /&gt; &lt;request cmd="verifyuseremail" type="email" userid="136680473" /&gt; &lt;/batch&gt;</pre>		
Send Request		<input checked="" type="checkbox"/> Wrap	

5. Select **Send Request**.
6. View **Result** field to confirm the request was made successfully. A `<response code="OK" />` is visible for each successful validation.

Send Request <input checked="" type="checkbox"/> Wrap	
Result:	200
	<pre>&lt;response code="OK"&gt;   &lt;responses&gt;     &lt;response code="OK" /&gt;     &lt;response code="OK" /&gt;     &lt;response code="OK" /&gt;   &lt;/responses&gt; &lt;/response&gt;</pre>

If users with previously validated emails were included in this process the following error is displayed:

Send Request <input checked="" type="checkbox"/> Wrap	
Result:	200
	<pre>&lt;response code="OK"&gt;   &lt;responses&gt;     &lt;response code="NoAuthentication" message="No Authentication: action='verifyuseremail'" errorId="c71c85bc935549178e224cdc3ac3dbf4" /&gt;     &lt;response code="NoAuthentication" message="No Authentication: action='verifyuseremail'" errorId="c71c85bc935549178e224cdc3ac3dbf4" /&gt;     &lt;response code="NoAuthentication" message="No Authentication: action='verifyuseremail'" errorId="c71c85bc935549178e224cdc3ac3dbf4" /&gt;   &lt;/responses&gt; &lt;/response&gt;</pre>

7. Select **Logout**.