

New VEU Registry system

Overview, how to prepare and
bulk upload capabilities

9 April 2025



Acknowledgement of Country



Dill-ba-din Balluk Biik – Protect Community and Country
Artist: Simone Thomson

Session overview

- Overview of the new VEU Registry system
- Key dates and how to prepare for the launch
- Next steps and support
- Questions and answers
- Bulk upload capabilities
- Bulk upload questions and answers

Housekeeping



This session is being recorded



Microphones are muted



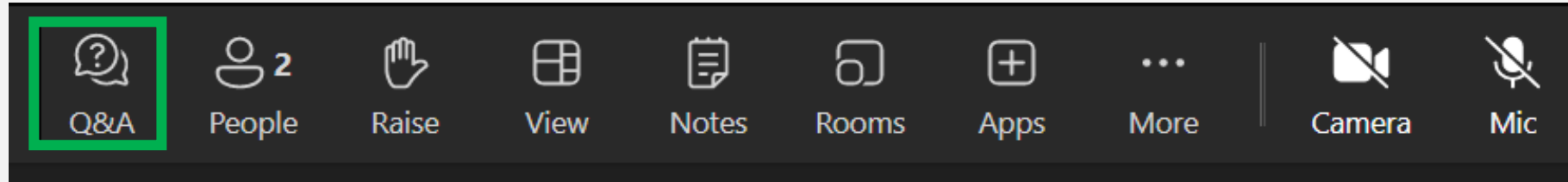
Time for questions after presentations



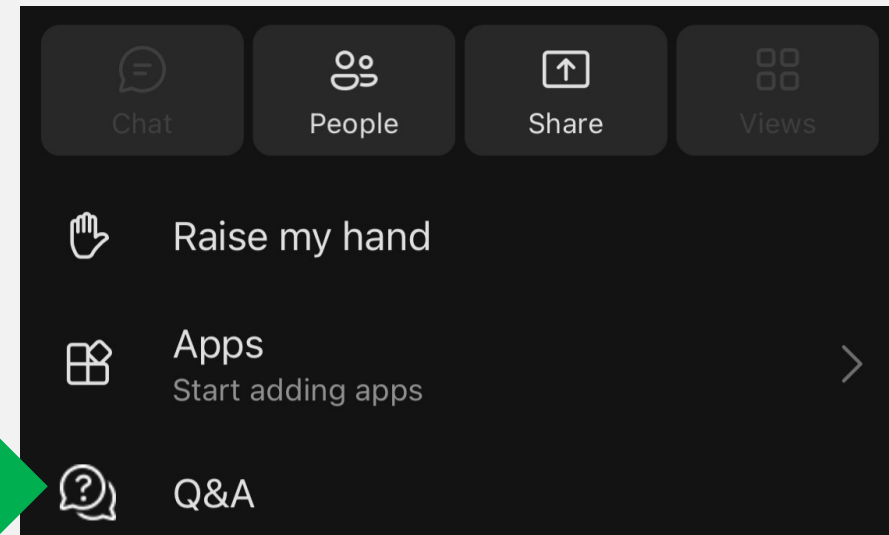
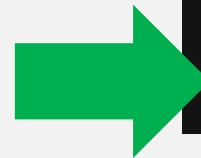
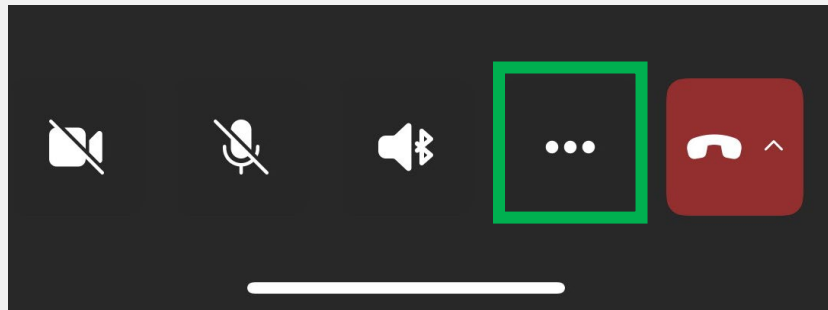
Video recording, presentation to be available on website post-forum

How to post a question

Computer:



Mobile:



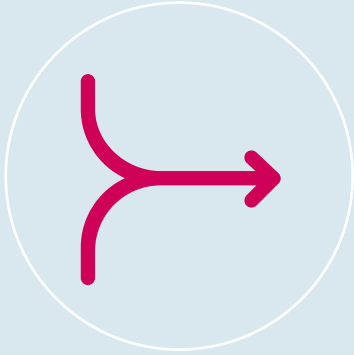


Overview of the new VEU Registry system and how to prepare

Dan Keely

Essential Services Commission

New VEU Registry features



Simplification and efficiency

- Streamlined account creation
- User-friendly online forms for smoother submissions, with the ability to save and review as you go.
- Automated VEEC creation.
- Ability to upload more documents for efficient document management.



Enhanced visibility and tracking

- Transparent application progress tracking to improve visibility.
- Integrated Request for Information (RFI)
- Simplified activity submission forms



Security and integration

- Multi factor authentication (MFA)
- Modern Application programming interface (API) connector

Important Deadlines

Date	Deadline / Cut-off date for:	What happens after these deadlines?
9 May, 5pm	<ul style="list-style-type: none"> New account applications. New VEET Scheme Registry. Account (VSRA) applications. Registering new installers for activities 13, 14, 15, 17, 26, 45. 	<ul style="list-style-type: none"> No new account or VSRA applications will be processed. Installers will require pre-registration before submitting activities in the new Registry. To prevent the burden of registering your installers and delays at go live, we suggest you submit registrations early'.
20 May, 5pm	<ul style="list-style-type: none"> Payment of VEEC creations. 	<ul style="list-style-type: none"> Final batching on 21 May: only activities with 'paid' status will be batched prior to new system go-live.
23 May, Midday/12pm	<ul style="list-style-type: none"> Completing outstanding VEEC transfers. Submission of ALL activities completed in 2024. 	<ul style="list-style-type: none"> VEEC transfers will be cancelled, and the account holder will need to initiate a new transfer when new system goes live. If submitted after 3 June, there will be substantial delays, particularly for Activity 6 (high efficiency air conditioners) which may be up to 3 months.

How to prepare for the new VEU Registry system

To ensure a smooth transition, we recommend all VEU account holders take the following steps before the new system goes live:

Preparation

Submit all applications and activities early

Verify and update account information

Back-up important data

Be aware of system changes

Stay informed and up to date

Tasks

- ☐ Submit all activities, applications and updates in the current system as early as possible before the deadlines listed above.
 - ☐ Ensure all activities completed in 2024 are submitted before 23 May 2025 to avoid processing delays.
-
- ☐ Check and update your contact details to ensure you receive important communications.
 - ☐ Review all registered installers, ensuring their details (names and dates of birth) are accurate and complete.
-
- ☐ Extract and save a full copy of your account information and any relevant data needed for your operations.
-
- ☐ A new bulk upload process will be introduced and there may be a delay as your software application provider enable this feature (if you use a third party to manage your submissions).
 - ☐ If you use a bulk integration tool, make sure to attend information session and understand how the new integration function will work.
 - ☐ Plan for possible disruptions to registration of VEECs following the system go live.
-
- ☐ Monitor all communications from the Essential Services Commission for important updates.
 - ☐ Bookmark the [new VEU Registry project page](#) to stay updated on key changes and timelines.



Next steps and support

Dan Keely

Essential Services Commission

How we will support you through the change



**Project
website page**



Webinars



Guided videos



**Dedicated
email address
for project
queries**



**Post-launch
support**

Contact us

How to contact us:

New VEU registry project contact details

veuregistrysupport@esc.vic.gov.au

VEU support at the Essential Services Commission:

(03) 9032 1310

veu@esc.vic.gov.au



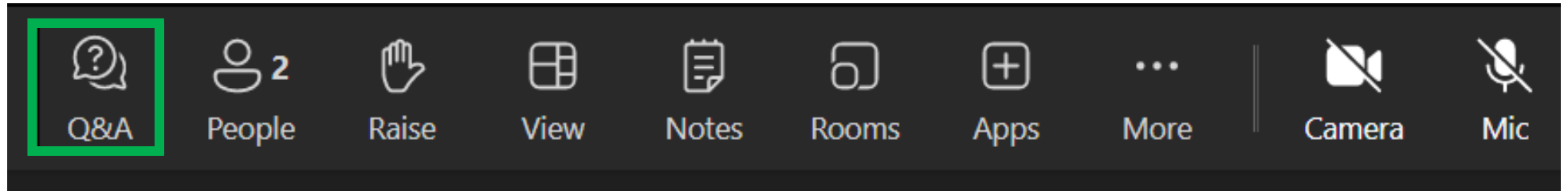
Questions and Answers – General queries

Dan Keely

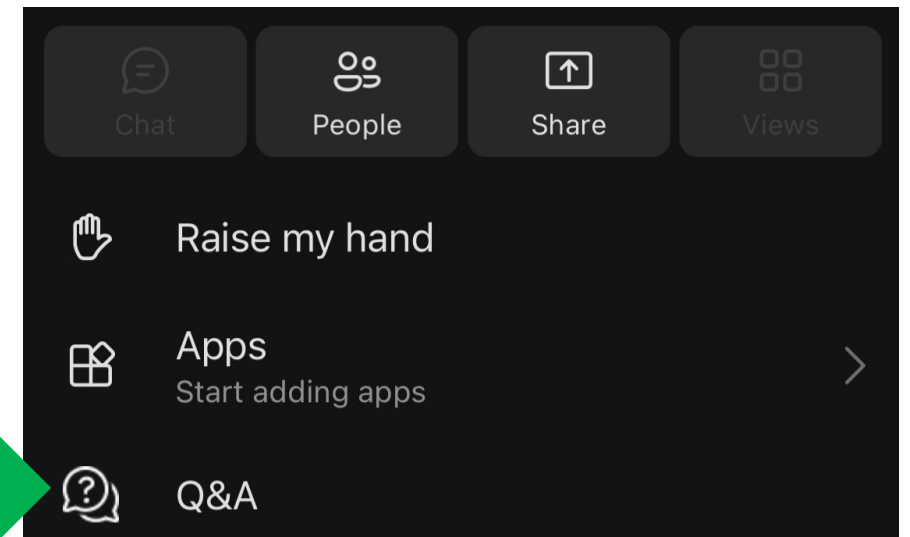
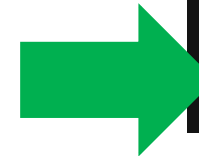
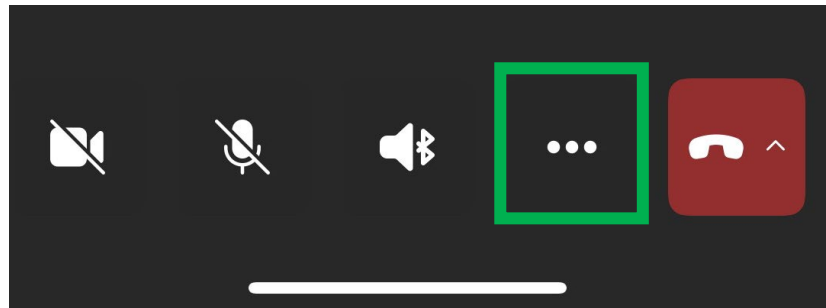
Essential Services Commission

How to post a question

Computer:



Mobile:





Bulk upload capabilities

Tariq Pervaz

Essential Services Commission

Key information about the Bulk Upload

1 Technology stack for API (MuleSoft)

2 Onboarding Process

3 End point for API

4 How the payload looks

5 Error and exception handling

6 Limitations

Onboarding Process – Request Access

- The preferred email ID from the External party (AP) will be added to new system by ESC
- External party (AP) will receive the invite/welcome email

Invite users

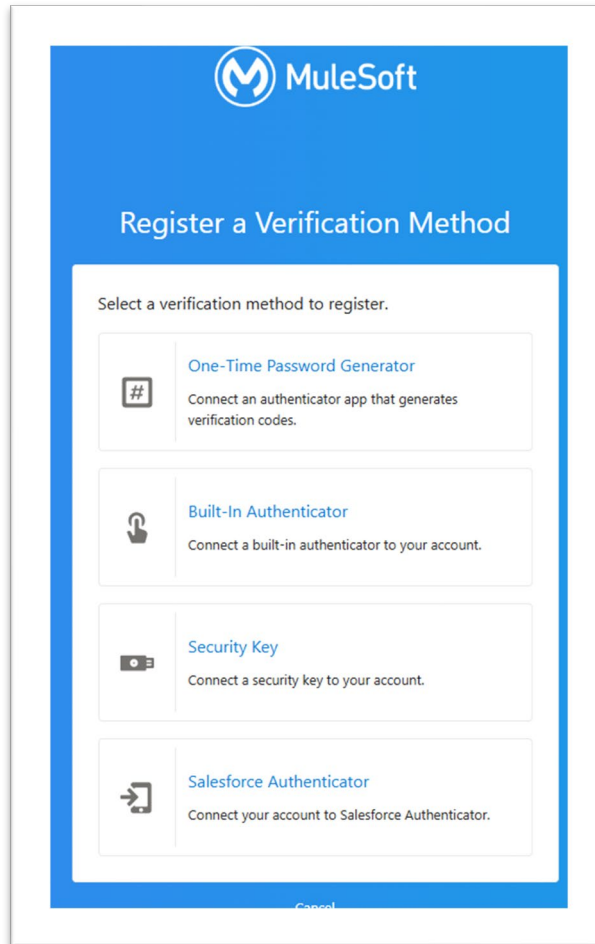
Email addresses

Users will be invited to create a username and password. Accounts may also be created via external identity providers at your organization domain.
Separate multiple addresses with commas.

max@mulesoft.com

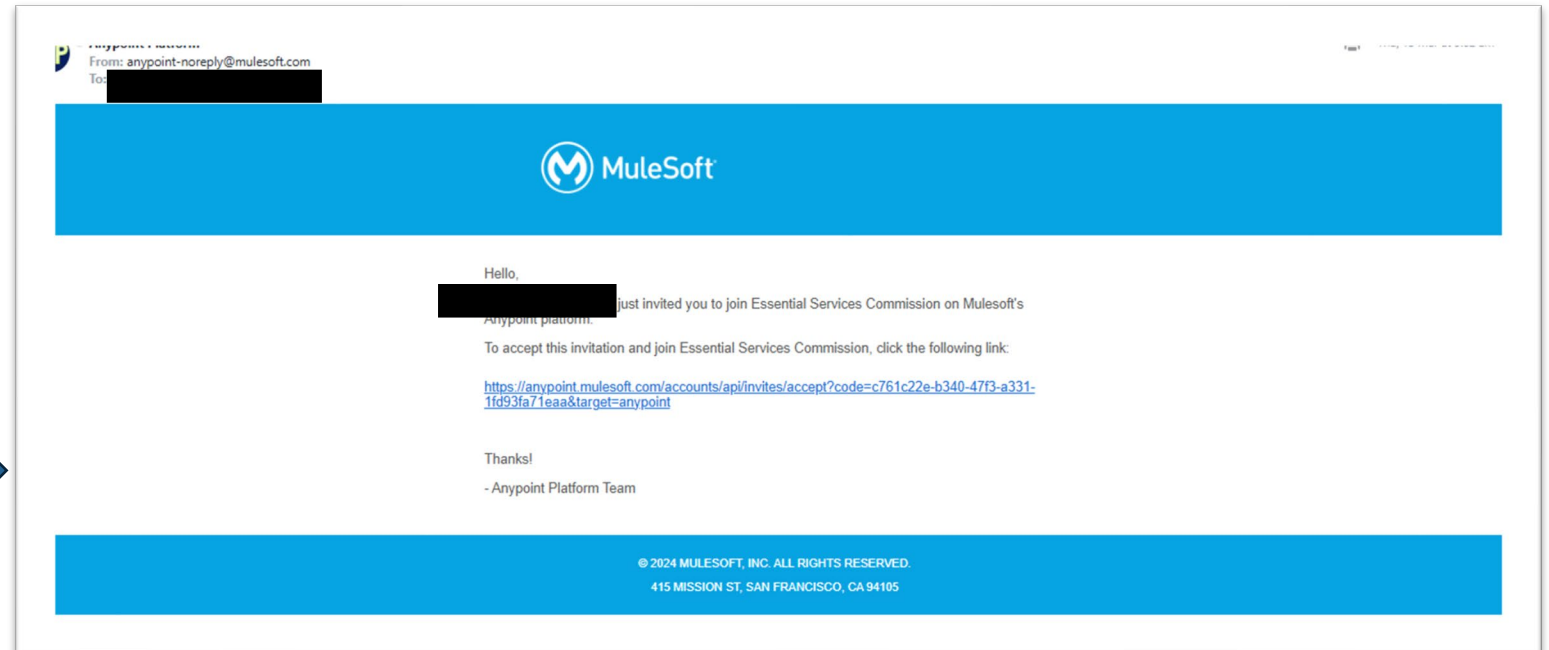
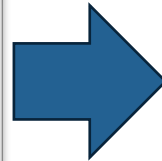
At least one email is required

Onboarding Process - Set Up



The screenshot shows the MuleSoft 'Register a Verification Method' interface. It features a blue header with the MuleSoft logo and title. Below the header, a white box contains the instruction 'Select a verification method to register.' and four selectable options, each with an icon and a brief description:

- One-Time Password Generator**: Connect an authenticator app that generates verification codes.
- Built-In Authenticator**: Connect a built-in authenticator to your account.
- Security Key**: Connect a security key to your account.
- Salesforce Authenticator**: Connect your account to Salesforce Authenticator.



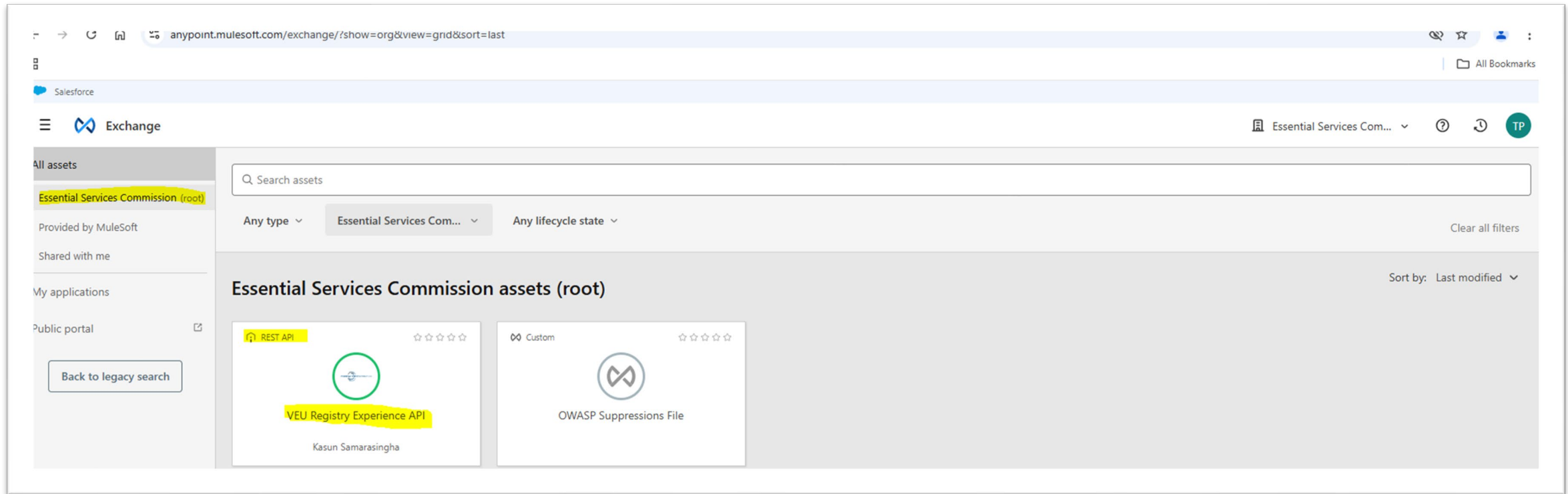
The screenshot shows an email invitation from Anypoint-noreply@mulesoft.com. The email body includes the MuleSoft logo, a greeting, and an invitation to join the Essential Services Commission. It provides a link to accept the invitation:

<https://anypoint.mulesoft.com/accounts/api/invites/accept?code=c761c22e-b340-47f3-a331-1fd93fa71eaa&target=anypoint>

The email concludes with 'Thanks!' and 'Anypoint Platform Team'. The footer contains copyright information: '© 2024 MULESOFT, INC. ALL RIGHTS RESERVED. 415 MISSION ST, SAN FRANCISCO, CA 94105'.

- Follow the instruction to complete the registration process
- Select the authentication method

Onboarding Process - Exchange



Once logged in registered user can only access the Exchange tab to read all the technical details / specifications.

End Point for API

The screenshot shows the API Exchange page for the **VEU Registry Experience API**. The page includes a sidebar with navigation links, a top bar with user information, and a main content area. The **Release Notes** section lists updates from version 1.0.0 to 1.0.4. A **Request access** modal is open, showing fields for API Instance (v1:19815235) and Application (Select application).

Release Notes

- 1.0.4**
 - Updated activity data type to 1.0.9
- 1.0.3**
 - Updated resource naming for activities endpoint
- 1.0.2**
 - Added limit to number of activity objects in the payload
- 1.0.1**
 - Updated activity data type reference
- 1.0.0**
 - Initial publish

How to request access

To request access, click on **Request Access** button on top right corner.

Request access

API Instance:

Application:

The screenshot shows the API Exchange page for the **VEU Registry Experience API**, specifically the **POST** endpoint `https://api.esc.vic.gov.au/veu-registry/v1/activities`. The page includes a sidebar with navigation links, a top bar with user information, and a main content area. The **Code examples** section shows the **POST** method with a cURL example. The **Headers** section lists `x-transaction-id` and `x-consumer-id`. The **Query parameters** section is empty.

POST

`https://api.esc.vic.gov.au/veu-registry/v1/activities`

Mixes in trackable, authenticatable, errorable, protectable.

Create one or more activity. Maximum per call is capped at 250.

Code examples

cURL **HTTP** **JavaScript** **Python** **C** **Java**

```
curl "https://api.esc.vic.gov.au/veu-registry/v1/activities" \
-X POST \
-H "x-transaction-id: " \
-H "x-consumer-id: " \
-H "Authorization: Bearer ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghijklmnopqrstuvwxyzABCDEFGHIJKLMNOPQRSTUVWXYZ" \
-H "x-protective-marking: VER=2018.1, NS=gov.au, SEC=OFFICIAL:Sensitive"
```

Headers

x-transaction-id
String
Unique value to track end to end transaction

x-consumer-id
String
Identifier of the API consumer

Query parameters

API is behind firewall

Select server
Mocking Service

`https://anypoint.mulesoft.com/mocking/api/v1/sou`
`rces/exchange/assets/702ade68-8437-4021-b58a`
`-4877e4fe5f83/veu-registry-experience-api/1.0.4/`
`m/activities`

Headers

COPY **Text editor**

x-transaction-id

x-consumer-id

Authorization*

How the payload looks

The screenshot displays an API documentation interface for a security upgrade activity. The main section, titled "Body", shows a JSON payload for a security upgrade activity. The payload is a JSON object with the following structure:

```
{  "activityData": {    "upgradeCommencementDate": "2023-10-31",    "activityDate": "2023-10-31",    "upgradeManagerFirstName": "John",    "upgradeManagerPhoneNumber": "0400000000",    "activityType": "17 - Low flow shower rose",    "floorSpace2": 20,    "upgradeManagerLastName": "Doe",    "activityProducts": [      {        "productBrand": "BRAND",        "productModel": "MODEL",        "productMeasure": "Sealing door",        "quantity": 1,        "idnSerialNumber": "123456",        "mac": "1231780",        "macAddress": "ABC123",        "meterSerialNumber": "456789",        "quantityOrarea": "50",      }    ]  }}
```

The interface includes a "Body" section with a "Format JSON" button and a "Minify JSON" button. Below the JSON payload, there is a "Responses" section showing a list of response codes (202, 400, 404, 405, 406, 415, 429, 500, 501) and a "Body" section for the response. The response body is a JSON object with the following structure:

```
{  "transactionId": "4b502d1c-44fc-4c58-a055-0524c1002d14"}
```

Errors, exception handling and limitations

The screenshot displays a REST client interface. At the top, a JSON request body is shown in a light blue editor. Below it, two tabs are visible: 'businessActivity' (selected) and 'residentialActivity'. The 'activityData' section is empty, with a 'Show' button on the right. The 'Object' field is marked as 'Required'. The 'Responses' section shows a list of status codes: 202, 400, 404 (selected), 405, 406, 415, 429, 500, and 501. The selected 404 response is expanded, showing the message 'The API resource was not found' and a 'Hide' button. Below this, the 'Body' section shows the media type 'application/json' and the response body in a light blue editor. The response body is a JSON object with the following structure:

```
{  "correlationId": "4b502d1c-44fc-4c58-a055-8524cf082d14",  "id": "4b502d1c-44fc-4c58-a055-8524cf082d14",  "code": 404,  "environment": "dev",  "application": "esc-crm-sys-api",  "message": "Not Found"}
```

 To the right of the editor are buttons for 'Copy', 'Table view', and 'Source view'. Below the editor, the response body is also shown in a structured format with labels and values:

correlationId	String
id	String
code	Number
environment	String
application	String
message	String

Download for API Information and Resources

You can find the downloadable information on the VEU website [here](#)

[Home](#) ▶ [Victorian Energy Upgrades](#) ▶ [Participating in the VEU program](#) ▶ [New VEU Registry system project](#)

News

About the new VEU Registry

What to expect


Resources

Bulk uploads information - new VEU Registry system

The below documents are to help accredited persons and their software providers to understand how to submit bulk uploads efficiently and adapt their systems ahead of the new VEU Registry system launch.

Connecting to the new Victorian Energy Upgrades Registry Application Programming Interface (API)


This document provides technical information relevant to the bulk upload Application Programming Interface (API) functionality.



(DOCX, 119.98 KB)

Activity submission supporting information - new VEU Registry system

This document provides a summary of activity fields in the new VEU Registry system.



(XLSX, 83.03 KB)

On this page

- Bulk uploads information - new VEU Registry system

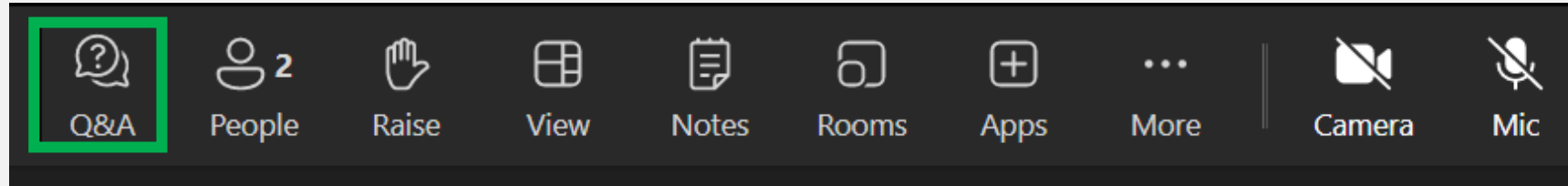
23



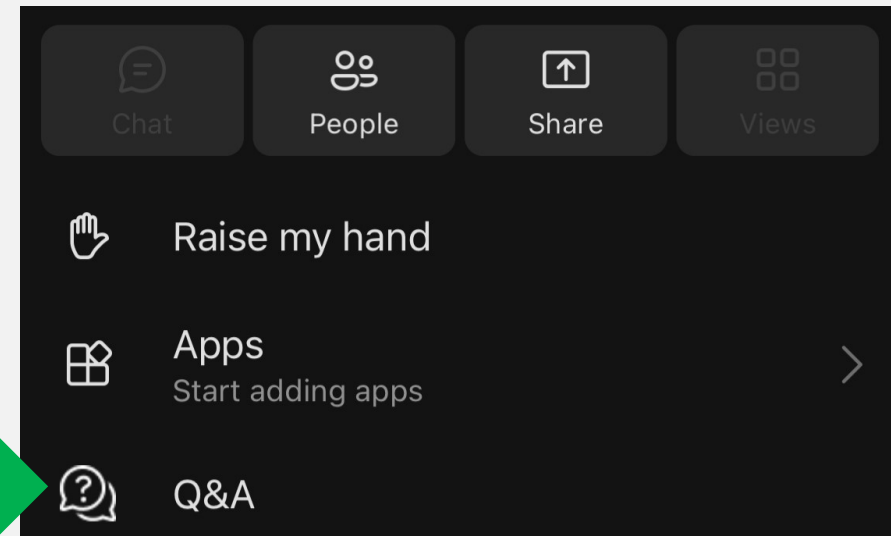
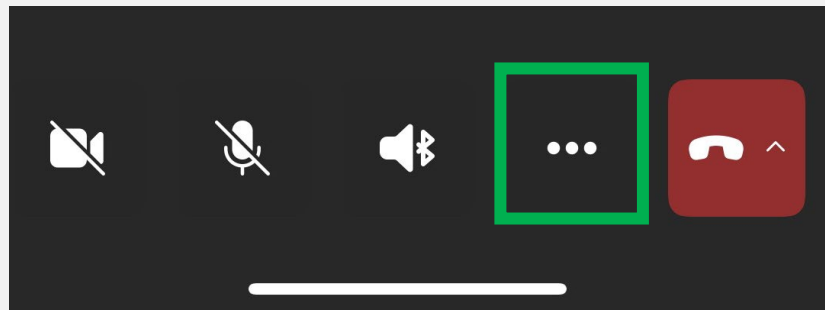
Questions and Answers - Bulk Uploads

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Mobile:



Contact us

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