

# Reverse API 1

## Reverse API User Interface

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***This is a beta feature***

The Reverse API endpoint builder is accessed from the Admin section of ProVision, under the **API** tab.

The screenshot shows the ProVision Admin interface. The top navigation bar includes links for IPAM Admin, Data Import, Users, API, Scheduler, Log, Approvals, Constraints, and Exit Admin. A search bar is on the right. The 'API' tab is selected, showing a dropdown menu with 'APIv2 Swagger Documentation' and 'Reverse API' (circled in red). The main content area has a section for 'APIv2' with a description and links to documentation. Below this is a 'Reverse API' section with a link 'here.' (circled in red). At the bottom, there is a 'APIv1 (Deprecated)' section with a 'Generate Keys' button and a table with columns: Name, Username, API Key, Secret Key, and Created.

Name	Username	API Key	Secret Key	Created
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Clicking on the link from the dropdown menu, or from under the "Reverse API" section (circled above) will take you to the Reverse API Endpoint Builder interface.

The Reverse API system is a beta feature.

## Reverse API Endpoint Builder

Endpoint: Add a New Endpoint

Name:

Call:

Presentation Javascript:

```
1
2  /*
3   The Reverse API system will perform the system call described above and supply its raw data
4   to the function below, along with a jQuery reference to the output div.
5
6   The presentation function should parse the return data according to its particular format,
7   interpret and arrange that data, make any necessary secondary calls, and construct the final
8   output in the given Div.
9
10  The language used is Javascript. A full jQuery install is available.
11  */
12
13  endpoint = function(data, outputDiv) {
14
15      // presentation code goes here
16
17  };
18
```

Test Call on:  Select a Resource Test

Delete Endpoint Save Endpoint

## Add a New Endpoint

To add a new endpoint

- 1) Select "Add a New Endpoint" next to "Endpoint".

### Reverse API Endpoint Builder

Endpoint: Add a New Endpoint

Name:

Call:

- 2) Type in the desired endpoint name and call

### Reverse API Endpoint Builder

Endpoint: Add a New Endpoint

Name:

Enter Name

Call:

Enter Call

- 3) Review / Edit the presentation Javascript as desired for your output

Presentation Javascript:

```
1
2 /*
3  The Reverse API system will perform the system call described above and supply its raw data
4  to the function below, along with a jQuery reference to the output div.
5
6  The presentation function should parse the return data according to its particular format,
7  interpret and arrange that data, make any necessary secondary calls, and construct the final
8  output in the given Div.
9
10 The language used is Javascript. A full jQuery install is available.
11 */
12
13 endpoint = function(data, outputDiv) {
14
15     // presentation code goes here
16
17 };
18
```

4) Save your new endpoint

Test Call on:  Select a Resource ▼ Test

Delete Endpoint Save Endpoint

5) Test the call on a selected Resource by selecting a Resource from the dropdown, then hitting the "Test" button.

Test Call on:  → Select a Resource ▼ Test

Delete Endpoint Save Endpoint



Note: The selected Resource must have a Reverse API gadget enabled section! See [Customizing Sections](#) and [Gadgets](#) for information on enabling gadgets for a section.

## Delete an Endpoint

1) Select the endpoint name next to "Endpoint".

Reverse API Endpoint Builder

Endpoint: Add a New Endpoint ▼

Name:

Call:

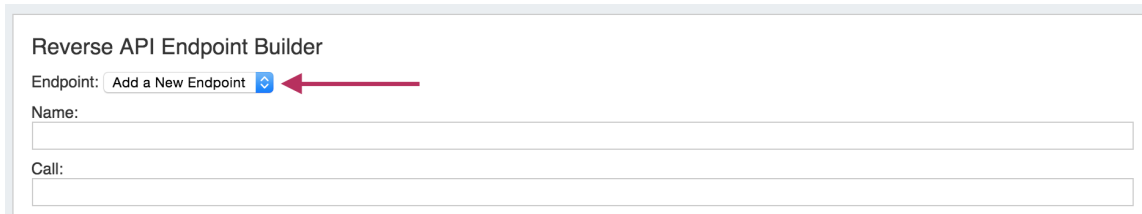
2) At the bottom of the screen, click "Delete Endpoint"

Test Call on:  Select a Resource ▼ Test


Delete Endpoint Save Endpoint

## Edit an Endpoint

1) Select the endpoint name next to "Endpoint".



Reverse API Endpoint Builder

Endpoint: Add a New Endpoint 

Name:

Call:

4) Save the endpoint



Test Call on:  Select a Resource Test

Delete Endpoint Save Endpoint

## Displaying the Endpoint

The created Reverse API endpoint may be added to the Reverse API Console Gadget, and shown on a Resource's Entry Page.

To add the Reverse API Gadget to a Section, see [Customizing Sections](#).

For information on working in the Gadget, see [Gadgets](#).