



Xoserve API Testing Guide



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2 Introduction to the Testing Guide

2.1 About this document

This document provides step by step instructions on how to test your API service. Please ensure you have an existing API subscription and a valid API Key and API endpoint to work with.

If you have not yet logged in and created your API subscription, you need to do this first. Please follow the API Subscription Guide.

2.2 What you will need

1. Valid API Key
2. Valid API endpoint
3. Valid input parameter
4. Testing facility e.g. Postman, Soap UI, Excel

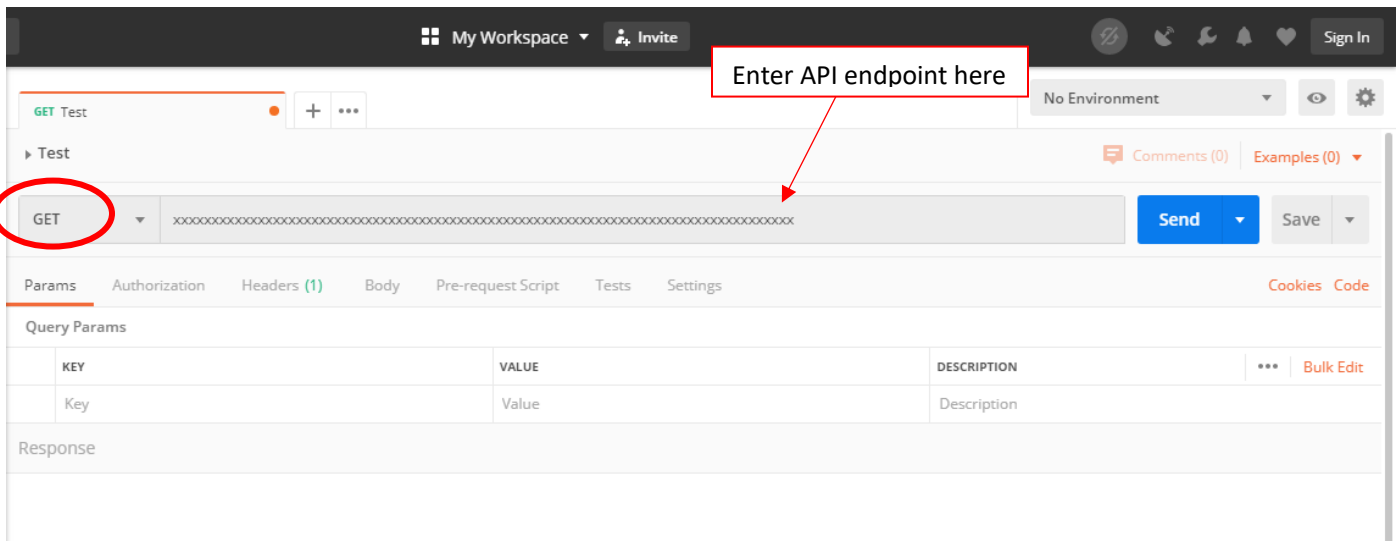
2.3 Important API Information

Xoserve API's should not be used as end user solutions. The API's are built to be integrated with end user systems and applications. The methods used within this document should be used for testing only. If you require any support on understanding the API's and how they should be used, please contact Xoserve.

3 Testing Using Postman

3.1 Input required parameters

Open the Postman application and enter the API endpoint you want to test. Xoserve API's will only work with GET requests, so ensure the request is set to GET.



Select 'Send' to trigger the API. The response will be displayed in the space below.

The screenshot shows a REST client interface with the following components:

- Query Params:** A table with columns KEY, VALUE, and DESCRIPTION. The 'mprn' parameter is checked and has a value of '1146199603'.
- Body:** A section showing the response body in JSON format, circled in red. The JSON contains a list of objects under the 'mprn' key.
- Response Details:** Status: 200 OK, Time: 663ms, Size: 1009 B, and a 'Save Response' button.
- View Options:** Pretty, Raw, Preview, Visualize BETA, and JSON.

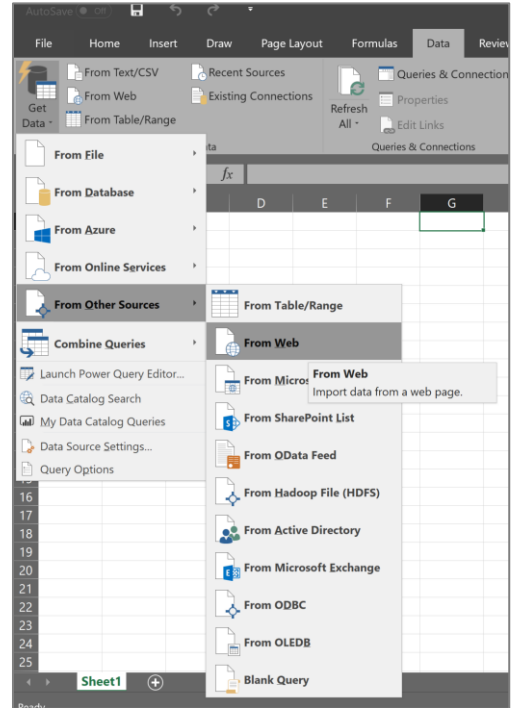
KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> mprn	1146199603	
Key	Value	Description

```
1  {
2    "mprn": [
3      {
4        "address_id": 1381,
5        "house_name": "",
6        "house_number": "",
7        "country": "GB",
8        "county": "LA",
9        "current_supplier_id": "BGT",
10       "delivery_point_alias": "",
11       "dependent_street": "",
12       "dmq": "14631",
13       "double_dependent_locality": "DEVON",
14       "gas_transport_id": "Southern Gas Networks Plc.",
15       "ldz_id": "SE",
16       "meter_capacity": "1",
17       "meter_mechanism_code": "CR",
18       "meter_serial_number": "G4A00796121501",
19       "mpaq": "14631",
20       "mprn": 1146199603,
```

4.1 Setting Up

Open a blank Excel workbook and select the 'Data' tab.

Select 'Get Data' > 'From Other Sources' > 'From Web'



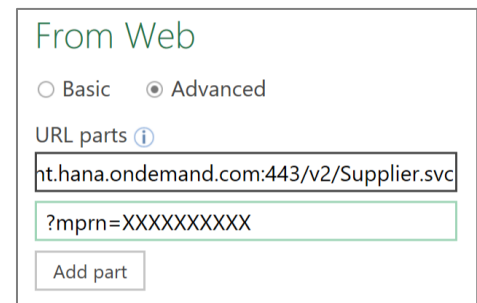
Select the 'Advanced' option.

Input the valid API endpoint in the URL section.

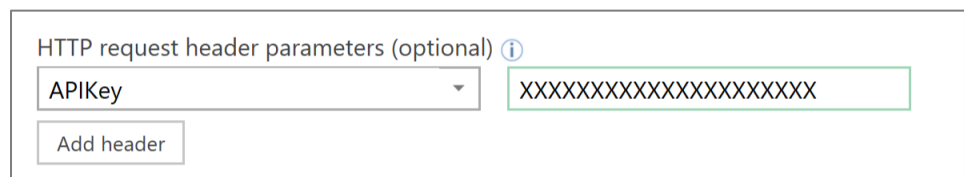
Using the API Technical Specification as a guide, enter a valid input parameter (e.g. mprn) using the correct parameter name in this format:

?mprn=XXXXXXXXXXXX

If you are testing the Try Before You Buy service, please ensure your input parameter is taken from the Try Before You Buy dataset. If you do not have this dataset, please contact Xoserve.

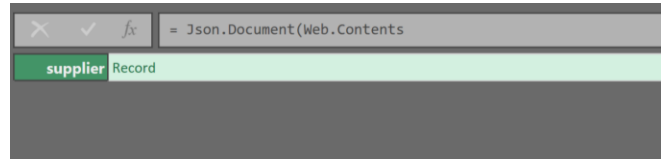


Enter a valid API Key in the HTTP request header parameters (optional).



Select 'Connect'

Select 'Supplier: Record'



All data associated to the input parameter should now be displayed.