



buzzbox TPS Checker API Documentation

Version	Date	Author	Description
1.0	25-Feb-2020	Jatinder K	Initial draft

buzzbox

A Spice New Media Ltd Company.

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Spice New Media Limited is a company registered in England and Wales. Company number 08321006.

1.1 Look up a number

Look up a UK landline or mobile number against the TPS register and receive a response in XML or JSON format.

Request

Method	URL
GET	http://tps.buzzbox.cc/checknumber/

Parameters

Type	Params	Values	Example
GET	guid	string	e2e324b1-0010-4305-a55e-d502153df221
GET	number	string	01234567890 00441234567890 441234567890
GET	format	string	xml json

guid

guid must be sent with all client requests. The guid is your unique account identifier. Without it, the lookup cannot be made. The parameter must be sent lower case.

number

number is the UK landline or mobile to check against. The number can be sent in standard UK,

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international or e164 format.

format

format is the format to return the response. Possible values are xml or json to return the respective format. The parameter must be sent lower case.

An example request might be: `http://tps.buzzbox.cc/checknumber/?guid=e2e324b1-0010-4305-a55e-d502153df221&number=01234567890&format=json`

Response

Status	Response
200	<p>Response will be an object containing the status of the number and the date the number was validated in the TPS register.</p> <pre>{ "checknumber":{ "number":"01223872926", "result":"true", "resultinfo":{ "list":[{ "@name":"tps", "@checkdate":"2020-02-20", "#text":"true" }] } } }</pre>

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200	guid parameter is missing, invalid or blocked. <pre>{"error": "unauthorised\nno data"}</pre>
200	number parameter is not a UK number, or does not start with 1, 2, 3 or 7. <pre>{"error": "unauthorised\nno data"}</pre>

result

result is returned as true or false. true means that the number has been found in the TPS register, false means that the number is not on the TPS register.

number

number is the matched phone number, returned in the same format in which it was sent.

resultinfo

resultinfo is an array containing additional information about the number.

@name

@name returns the register on which the number is listed. Possible values are tps and ctps.

@checkdate

@checkdate returns the date in which the number was validated. In YYYY-MM-DD format.

#text

#text contains the same value as **result**.

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1.2 Conventions

- **Client** - Client application.
- **Status** - HTTP status code of response.
- All the possible responses are listed under 'Responses' for each method. Only one of them is issued per request server.
- All response are in JSON format unless XML is specified explicitly.
- All request parameters are mandatory unless explicitly marked as **[optional]**
- The type of values accepted for a *request* parameter are shown in the values column like this **[10|<any number>]**.The | symbol means *OR*. If the parameter is **[optional]**, the default value is shown in blue bold text, as **10** is written in **[10|<any number>]**.

1.3 Status Codes

All status codes are standard HTTP status codes. The below ones are used in this API.

2XX - Success of some kind

4XX - Error occurred in client's part

5XX - Error occurred in server's part

Status Code	Description
200	OK
400	Bad request
403	Forbidden
404	Resource not found
405	Method Not Allowed



409	Conflict
412	Precondition Failed
413	Request Entity Too Large
500	Internal Server Error
501	Not Implemented
503	Service Unavailable

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