Methods

call

Initiate a call from a net2phone number to any other telephone number (DID). This will instruct our calling server to initiate a call to the net2phone number first, and after it is answered it will play a "please hold while your call is being connected" prompt while it dials the destination number and merges the call when the destination answers.

Request

Method	URL
POST	http://api.n2p.io/api/v1/call

Type	Params	Values
HEAD POST POST	Authorization user_line destination_line	Base64 encoded string string string

Authorization
`Authorization` must be sent with all client requests. The *Authorization* helps the server to validate the request source. *Authorization* must be a Base64 encoded string of the "<account_id:*api_key*>", where the API key is obtained by logging into https://app.net2phone.com as an Admin and going to Settings, API Integration, and creating a Click to Call API key.

    For example: `Authorization: Basic bG9sOnNlY3VyZQ==`

user_line
`user_line` must be sent with all client requests. The *user_line* specifies the net2phone user phone number that the call is being established for. *user_line* must be a string.

    For example: "`user_line`": "`18175629657`"
    For example: "`user_line`": "`+1 (817) 562-9656`"

destination_line

`destinaton_line` must be sent with all client requests. The *destination_line* specifies the phone number that the call is being established to. *destination_line* must be a string.

> For example: "`destination_line`": "`15125292329`"
> For example: "`destination_line`": "`+1 (512) 529-2329`"

Response

Status	Response

200	```{```
	    `"api_request_id": "<api_request_id>"`
	`}`
	
	`api_request_id` (**string**) - an identifier generated as a response to the incoming request

400	`{"error":"request user_line field"}`
400	`{"error":"request destination_line field"}`
401	`{"error":"Invalid API credentials."}`
500	`{"error":"Something went wrong. Please try again later."}`

Examples

HTTP

```
POST /api/v1/call HTTP/1.1
Host: api.n2p.io
Authorization: Basic
MTAwOTY4Mzo3NpU5NjQ1MC1hZDBhLTQzODItYjU0ZS1hNTQyZjZmYmViYmU=
Content-Type: application/json
{
   "user_line": "+1 (817) 562-9657",
    "destination_line": "15125292329"
}
```

cURL

```
curl -X POST \
  https://api.n2p.io/api/v1/call \
  -H 'Content-Type: application/json' \
  -H 'Authorization: Basic
MTAwOTY4Mzo3NpU5NjQ1MC1hZDBhLTQzODItYjU0ZS1hNTQyZjZmYmViYmU=' \
  -d '{
    "user_line": "+1 (817) 562-9657",
    "destination_line": "15125292329"
}'
```

Note: You must replace the Authorization token, user_line, and destination_line values in the examples above with your own values.

Note: To create a Base64 encoded string to use in these examples, you need to encode your account number followed by a single colon followed by your API key as a single string to get the correct Base64 encoded string. A helpful resource for doing this is https://www.base64encode.org

Glossary

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.
- All request parameters are mandatory unless explicitly marked as `[optional]`
- The type of values accepted for a *request* parameter are shown the 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>]`.

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
201	Created
202	Accepted (Request accepted, and queued for execution)
400	Bad request
401	Authentication failure
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