

Authorization Header Example:

base_64("nobody@email.com:badPassword123") = "bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw=="

Title: Get Houses

URL: https://production.plum.technology/v2/getHouses

Header Params:

User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)

Authorization: Basic <Base 64 Encoded "Email:Password">

HTTP Method: GET

Response Codes:

HTTP/1.1 401 Unauthorized

HTTP/1.1 200 OK

Response:

Format: JSON String

Data: ["<House ID 1>", "<House ID 2>", ...]

Example Request:

URL:

https://production.plum.technology/v2/getHouses

Header Params:

User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)

Authorization: Basic bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw==

Example Response:

Response Code:

HTTP/1.1 200 OK

Response Body:

```
[
    "12345678-90ab-cdef-1234-567890abcdef",
    "12345678-90ab-cdef-1234-567890abcdef"
]
```

Title: Get House

URL: https://production.plum.technology/v2/getHouse

Header Params:

User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)

Authorization: Basic <Base 64 Encoded "Email:Password">

HTTP Method: POST

Post Data:

{"hid": "<House ID>"}

Response Codes:

HTTP/1.1 401 Unauthorized

HTTP/1.1 200 OK

Response:

Format: JSON String

Data:

```
{
    "rids": [
        "<Room ID 1>",
        "<Room ID 2>",
        ...
    ],
    "location": "<Home Zip Code>",
}
```

```

        "hid": "<House ID>",
        "latlong": {
            "latitude_degrees_north": <Decimal Degrees North>,
            "longitude_degrees_west": <Decimal Degrees West>
        },
        "house_access_token": "<House Access Token>",
        "house_name": "<House Name>",
        "local_tz": <Seconds Offset From UTC For Local Timezone>
    }

```

Example Request:

```

URL:
    https://production.plum.technology/v2/getHouse
Header Params:
    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw==
Post Data:
    {"hid": "12345678-90ab-cdef-1234-567890abcdef"}

```

Example Response:

```

Response Code:
    HTTP/1.1 200 OK
Response Body:
    {
        "rids": [
            "12345678-90ab-cdef-1234-567890abcdef",
            "12345678-90ab-cdef-1234-567890abcdef"
        ],
        "location": "80900",
        "hid": "12345678-90ab-cdef-1234-567890abcdef",
        "latlong": {
            "latitude_degrees_north": 38.1234567,
            "longitude_degrees_west": 104.1234567
        },
        "house_access_token": "12345678-90ab-cdef-1234-567890abcdef",
        "house_name": "Home",
        "local_tz": -25200
    }

```

Title: Get Room

URL: https://production.plum.technology/v2/getRoom

Header Params:

```

    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic <Base 64 Encoded "Email:Password">

```

HTTP Method: POST

Post Data:

```

    {"rid": "<Room ID>"}

```

Response Codes:

```

    HTTP/1.1 401 Unauthorized
    HTTP/1.1 200 OK

```

Response:

Format: JSON String

Data:

```

    {
        "rid": "<Room ID>",

```

```

        "hid": "<House ID>",
        "llids": [
            "<Logical Load ID 1>",
            "<Logical Load ID 2>",
            ...
        ],
        "room_name": "<Room Name>"
    }

```

Example Request:

```

URL:
    https://production.plum.technology/v2/getRoom
Header Params:
    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw==
Post Data:
    {"hid": "12345678-90ab-cdef-1234-567890abcdef"}

```

Example Response:

```

Response Code:
    HTTP/1.1 200 OK
Response Body:
    {
        "rid": "12345678-90ab-cdef-1234-567890abcdef",
        "hid": "12345678-90ab-cdef-1234-567890abcdef",
        "llids": [
            "12345678-90ab-cdef-1234-567890abcdef",
            "12345678-90ab-cdef-1234-567890abcdef"
        ],
        "room_name": "Bedroom"
    }

```

Title: Get Logical Load

URL: https://production.plum.technology/v2/getLogicalLoad

Header Params:

```

    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic <Base 64 Encoded "Email:Password">

```

HTTP Method: POST

Post Data:

```

    {"llid": "<Logical Load ID>"}

```

Response Codes:

```

    HTTP/1.1 401 Unauthorized
    HTTP/1.1 200 OK

```

Response:

```

Format: JSON String
Data:
    {
        "rid": "<Room ID>",
        "lpids": [
            "<Lightpad ID 1>",
            "<Lightpad ID 2>",
            ...
        ],
        "logical_load_name": "<Logical Load Name>",
        "llid": "<Logical Load ID>"
    }

```

```
}
```

Example Request:

```
URL:
    https://production.plum.technology/v2/getLogicalLoad
Header Params:
    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw==
Post Data:
    {"llid": "12345678-90ab-cdef-1234-567890abcdef"}
```

Example Response:

```
Response Code:
    HTTP/1.1 200 OK
Response Body:
    {
        "rid": "12345678-90ab-cdef-1234-567890abcdef",
        "lpids": [
            "12345678-90ab-cdef-1234-567890abcdef",
            "12345678-90ab-cdef-1234-567890abcdef"
        ],
        "logical_load_name": "Lights",
        "llid": "12345678-90ab-cdef-1234-567890abcdef"
    }
```

Title: Get Lightpad

URL: https://production.plum.technology/v2/getLightpad

Header Params:

```
User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
Authorization: Basic <Base 64 Encoded "Email:Password">
```

HTTP Method: POST

Post Data:

```
{"lpid": "<Lightpad ID>"}
```

Response Codes:

```
HTTP/1.1 401 Unauthorized
HTTP/1.1 200 OK
```

Response:

Format: JSON String

```
Data:
    {
        "config": {
            "slowFadeTime": <Milliseconds Of Slow Fade Time>,
            "touchRate": <Float 0-1 Touch Sensitivity>,
            "cluster": <Production or Development Cluster>,
            "uuid": "<Universally Unique Identifier>",
            "logRemote": false,
            "forceGlow": <True/False Is Ring Glow Forced>,
            "occupancyAction": <Unused>,
            "occupancyTimeout": <Seconds Before No Occupancy>,
            "fadeOffTime": <Milliseconds To Fade From On To Off>,
            "glowIntensity": <Float 0-1 Brightness Of Ring Glow>,
            "name": <Unused>,
            "fadeOnTime": <Milliseconds To Fade From Off To On>,
            "defaultLevel": <0-255 Default Power Level>,
            "glowTracksDimmer": <Glow Ring Same As Light Level>,

```

```

        "dimEnabled": <True/False Is Dimmer Or ON/OFF Switch Only>,
        "glowFade": <Milliseconds To Fade Off Glow Ring>,
        "amqpEnabled": <Advanced Message Queuing Protocol>
        "trackingSpeed": 1000,
        "minimumLevel": <0-255 Minimul Dimmable Power Level>,
        "versionLocked": <True/False Is Software Upgradable>,
        "glowTimeout": <Seconds Glow Ring Remains On For Motion>,
        "rememberLastDimLevel": <True/False Return To Last Dim Level>,
        "serialNumber": "<Lightpad Serial Number>",
        "pirSensitivity": <0-255 Sensitivity Of PIR. 0 To ~6 Feet>,
        "glowEnabled": <Turn On Glow Ring With PIR Detects Motion>,
        "glowColor": {
            "white": 0,
            "red": 142,
            "green": 0,
            "blue": 255
        },
        "maxWattage": 420
    },
    "is_provisioned": <True/False Is Lightpad Provisioned>,
    "llid": "<Logical Load ID>",
    "custom_gestures": <Unused>,
    "lightpad_name": "<Lightpad Name>",
    "lpid": "<Lightpad ID>"
}

```

Example Request:

```

URL:
    https://production.plum.technology/v2/getLightpad
Header Params:
    User-Agent: Plum/2.3.0 (iPhone; iOS 9.2.1; Scale/2.00)
    Authorization: Basic bm9ib2R5QGVtYWlsLmNvbTpiYWRRQYXNzd29yZDEyMw==
Post Data:
    {"lpid": "12345678-90ab-cdef-1234-567890abcdef"}

```

Example Response:

```

Response Code:
    HTTP/1.1 200 OK
Response Body:
    {
        "config": {
            "slowFadeTime": 15000,
            "touchRate": 0.5,
            "cluster": "production",
            "uuid": "12345678-90ab-cdef-1234-567890abcdef",
            "logRemote": false,
            "forceGlow": false,
            "occupancyAction": "undefined",
            "occupancyTimeout": 600,
            "fadeOffTime": 500,
            "glowIntensity": 1,
            "name": "",
            "fadeOnTime": 500,
            "defaultLevel": 128,
            "glowTracksDimmer": false,
            "dimEnabled": true,
            "glowFade": 1000,

```

```
        "amqpEnabled": true,
        "trackingSpeed": 1000,
        "minimumLevel": 40,
        "versionLocked": false,
        "glowTimeout": 5,
        "rememberLastDimLevel": false,
        "serialNumber": "161100000",
        "pirSensitivity": 175,
        "glowEnabled": true,
        "glowColor": {
            "white": 0,
            "red": 142,
            "green": 0,
            "blue": 255
        },
        "maxWattage": 420
    },
    "is_provisioned": true,
    "llid": "12345678-90ab-cdef-1234-567890abcdef",
    "custom_gestures": 0,
    "lightpad_name": "12345678-90ab-cdef-1234-567890abcdef",
    "lpid": "12345678-90ab-cdef-1234-567890abcdef"
}
```