
Link-Live API

GET Get Version

```
https://link-live.com/version
```

A basic route to hit to get the current version of Link-Live

Example Request

Get Version

```
curl --location --request GET "https://link-live.com/version"
```

Example Response

200 — OK

```
{
  "Link-Live": "3.5.0",
  "ui": "3.5.0",
  "api": "3.5.0"
}
```

POST Login

```
https://id.link-live.com/v2/auth/login
```

The request to our authentication server to get a token. The Authorization is your link-live user name and password converted to Basic Auth. For more information on basic auth see https://en.wikipedia.org/wiki/Basic_access_authentication (https://en.wikipedia.org/wiki/Basic_access_authentication)

The returned token should be stored and used for all subsequent calls.

You will need to call this login again if you get a 401 on any request.

HEADERS

Content-Type

application/json

Authorization

Basic Y3lnbnVzLnBvc3RtYW4uMjgzNzA1QG5ldHNjb3V0LmNvbTpQYXNzd29yZDEyMw==

BODY raw

```
{ "claims": { "app": "3pGv3iSAICObaFX7Ejdoj0" } }
```

Example Request

Login

```
curl --location --request POST "https://id.link-live.com/v2/auth/login" \
--header "Content-Type: application/json" \
--header "Authorization: Basic Y3lnbnVzLnBvc3RtYW4uMjgzNzA1QG5ldHNjb3V0LmNvbTpQYXNzd29yZDEyMw==" \
--data "{ \"claims\": { \"app\": \"3pGv3iSAICObaFX7Ejdoj0\" } }"
```

Example Response

200 — OK

```
{
  "accessToken": "API_TOKEN",
  "context": {
    "user": {
      ...
    },
    "groups": [
      ...
    ],
    "roles": [
```

POST Login Specific Org

```
https://id.link-live.com/v2/auth/login
```

The request to our authentication server to get a token for a specific org. Use the org ids found in your basic login call.

HEADERS

Content-Type

application/json

Authorization

Basic Y3lnbnVzLnBvc3RtYW4uMjgzNzA1QG5ldHNjb3V0LmNvbTpQYXNzd29yZDEyMw==

BODY raw

```
{ "claims": {"app": "3pGv3iSAICObaFX7EjdojO", "org": "ORG_ID"} }
```

Example Request

Login Specific Org

```
curl --location --request POST "https://id.link-live.com/v2/auth/login" \
--header "Content-Type: application/json" \
--header "Authorization: Basic Y3lnbnVzLnBvc3RtYW4uMjgzNzA1QG5ldHNjb3V0LmNvbTpQYXNzd29yZDEyMw==" \
--data "{ \"claims\": {\"app\": \"3pGv3iSAICObaFX7EjdojO\", \"org\": \"<ORG_ID_1>\"} }"
```

Example Response

200 — OK

```
{
  "accessToken": "API_TOKEN",
  "context": {
    ...
  }
}
```

POST Refresh AccessToken

```
https://id.link-live.com/v2/auth/refresh
```

Refresh the token you have for a new one. Call this if you get a 426 on any call. Store and use the new token for all subsequent calls.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

BODY raw

```
{ "claims": {"app": "3pGv3iSAICObaFX7EjdojO"} }
```

Example Request

Refresh AccessToken

```
curl --location --request POST "https://id.link-live.com/v2/auth/refresh" \
  --header "Content-Type: application/json" \
  --header "Authorization: Access <API_TOKEN>" \
  --data "{\"claims\": {\"app\": \"3pGv3iSAIC0baFX7Ejdoj0\"} }"
```

Example Response

200 — OK

```
{
  "accessToken": "NEW_API_TOKEN",
  "context": {
    "user": {
      ...
    },
    "groups": [
      ...
    ],
    "roles": [
```

GET List Units

https://link-live.com/v1/admin/units

This request gets a list of units. The list is sorted by last_seen.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

Example Request

List Units

```
curl --location --request GET "https://link-live.com/v1/admin/units" \
  --header "Content-Type: application/json" \
  --header "Authorization: Access API_TOKEN"
```

Example Response

200 — OK

```
[
  {
    "_id": "5b0efcfc61591e0014aacf4e",
    "created_at": "2018-05-30T19:35:24.829Z",
    "updated_at": "2018-11-15T15:55:18.894Z",
    "lastSeen": "2018-05-30T19:36:03.842Z",
    "mac": "00C017-XXXXXX",
    "serialNumber": "XXXXXXX",
    "model": "LS 200",
    "unitType": "LinkSprinter",
```

GET List Results

```
https://link-live.com/v1/admin/results
```

This request gets a list of results. The list is sorted by created_at.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

Example Request

List Call

```
curl --location --request GET "https://link-live.com/v1/admin/results" \
--header "Content-Type: application/json" \
--header "Authorization: Access API_TOKEN"
```

Example Response

200 — OK

```
[
  {
    "_id": "RESULT_0_ID",
    "resultType": "wireless",
    "labels": [
      "New Label"
    ],
    "cached": false,
    "excludeWhenSessionCollapsed": null,
    "apAdv80211MediaTypes": [
```

PUT Add Label to Result

localhost:4000/v1/admin/results/?query={"_id": "RESULT_ID"}

Add a label to a specific result based off the result id.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

PARAMS

query

{"_id": "RESULT_ID"}

BODY raw

```
{
  "labels": "New Label"
}
```

Example Request

Add Label

```
curl --location --request PUT "https://link-live.com/v1/admin/results/?query=%7B%22_id%22%20:%20%22RESULT_ID%22%7D" \
  --header "Content-Type: application/json" \
  --header "Authorization: Access <API_TOKEN>" \
  --data "{
    \"labels\": \"New Label\"
  }"
```

Example Response

200 — OK

```
{
  "ok": 1,
  "nModified": 1,
  "n": 1
}
```

PUT Remove Label from Result

```
https://link-live.com/v1/admin/results?query={"_id": "RESULT_ID"}&operation=$pull
```

Remove a label from a result based off of a result id.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

PARAMS

query

```
{"_id": "RESULT_ID"}
```

operation

\$pull

BODY raw

```
{  
  "labels": "New Label"  
}
```

Example Request

Remove Label

```
curl --location --request PUT "https://link-live.com/v1/admin/results?query=%7B%22_id%22:%20%22RESULT_ID%22%7D&operation=$pull" \
--header "Content-Type: application/json" \
--header "Authorization: Access <API_TOKEN>" \
--data "{  
  \"labels\": \"New Label\"  
}"
```

Example Response

200 — OK

```
{  
  "ok": 1,  
  "nModified": 1,  
  "n": 1  
}
```

GET List With Limit and Offset

```
https://link-live.com/v1/admin/results?offset=100&limit=5
```

This request gets a list of results with an offset and a limit. Offset skips the first n items in the db. Your results are sorted by created_at. Limit determines the amount of results to receive at once.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

PARAMS

offset

100

limit

5

Example Request

List With Limit and Offset

```
curl --location --request GET "https://link-live.com/v1/admin/results?offset=100&limit=5" \
--header "Content-Type: application/json" \
--header "Authorization: Access API_TOKEN"
```

Example Response

200 — OK

```
[
  {
    "_id": "5a303db0467da614009b9631",
    "switchName": "sr-cos-us-1.netscout.com",
    "routerIp": "129.196.196.1",
    "apAdv80211MediaTypes": [],
    "linkActDuplex": "FDx",
    "switchPort": "GigabitEthernet1/0/38",
    "dns": [
      {
```

GET List Filter on Unit


```
https://link-live.com/v1/admin/results?query={"unit_mac": "00C017-XXXXXX"}
```

This request gets a list of results filtered down to a specific unit mac.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

PARAMS

query

```
{"unit_mac": "00C017-XXXXXX"}
```

Example Request

List Filter on Unit MAC

```
curl --location --request GET "https://link-live.com/v1/admin/results?query=%7B%22unit_mac%22:%20%2200C017-XXXXXX%22%7D" \
--header "Content-Type: application/json" \
--header "Authorization: Access API_TOKEN"
```

Example Response

200 — OK

```
[
  {
    "_id": "5beaeb814d90a40013e4adb0",
    "unit_firmwareVersion": "2.03.02.0610",
    "resultType": "ethernet",
    "labels": [
      "test site one",
      "/SouthPark"
    ],
    "attachments": [],
  }
]
```

GET List Filter Text Search

```
https://link-live.com/v1/admin/results?search=string
```

This request gets a list of results filtered down based off a free text search.

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

PARAMS

search

string

Example Request

List Filter Text Search

```
curl --location --request GET "https://link-live.com/v1/admin/results?search=string" \  
  --header "Content-Type: application/json" \  
  --header "Authorization: Access API_TOKEN"
```

Example Response

200 — OK

```
[  
  {  
    "_id": "5c40f25a17aeba150f10abb2",  
    "unit_firmwareVersion": "1.23.18.0815",  
    "resultType": "ethernet",  
    "labels": ["some string"],  
    "attachments": [],  
    "cached": false,  
    "indexInSession": 0,  
    "emailNotificationSent": false,
```

GET List Uploaded Files

```
https://link-live.com/v1/admin/uploadedFiles
```

This request gets a list of uploadedFiles. These routes follow the exact same patterns as results for filtering, limits, adding/removing labels, etc...

HEADERS

Content-Type

application/json

Authorization

Access API_TOKEN

Example Request

List Call

```
curl --location --request GET "https://link-live.com/v1/admin/uploadedFiles" \  
  --header "Content-Type: application/json" \  
  --header "Authorization: Access <API_TOKEN>"
```

Example Response

200 — OK

```
[  
  {  
    "_id": "5c40f25a17aeba150f10abb2",  
    "fileFormat": <"pcap", "image", "pdf", "csv", "xml", "acsx">,  
    "href": "<urlOfFile>"  
    ...  
  },  
  ...  
]
```