SEO PowerSuite Backlinks API v1.0.

Introduction

This document describes SEO PowerSuite Backlinks API v1.0. The API lets you obtain a wide range of backlink data from our backlink index, which you can use for your research and analysis or make available to others through your interface according to the agreement.

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Glossary

Term	Definition
Backlink (Link)	A reference to the target URL in the form of a link, redirect, redirect chain, or canonical link that comes from a different domain than the target.
Domain	A network domain is an administrative grouping of multiple private computer networks or hosts within the same infrastructure under one domain name, e.g. domain.com. Optionally, a domain may have subdomains.
Subdomain	A subdomain is a domain that is a part of another domain, e.g.: - sub.domain.com is a subdomain of domain.com - example.sub.domain.com is a subdomain of sub.domain.com - example.sub.domain.com is a subdomain of domain.com
Host	A host is a domain name that is completely specified with all labels in the hierarchy of the DNS, having no parts omitted, e.g.: - in the URL https://www.example.sub.domain.com/path, the host name will be www.example.sub.domain.com
Page (URL)	A reference to a web resource that specifies its location on a computer network and a mechanism for retrieving it.
Referring Page (URL)	A page which sends users to your website via links or redirects.
Destination Page (URL)	A page a link or a redirect points to.
Referring domain	A host name of the Referring Page (URL).
Target	An entity for which you are retrieving backlinks. Can be determined at an exact URL, domain, or subdomain.

Anchor Text	Anchor text is the clickable text in a hyperlink.
Nofollow	Nofollow is a value that can be assigned to the rel attribute in the <a> tag or robots meta tag. It is one of Google's recommended methods for flagging spam, advertising-related or sponsored links. More details here. Nofollow links do not normally pass SEO weight (or pass less SEO weight) to the destination URL, and hence are unlikely to have an effect on its rankings.
InLink Rank	InLink Rank is the indicator of a page's authority. It is based off the same algorithm as the original Google PageRank and is determined by the number and weight of incoming links to a page. InLink Rank is scored using a 0 to 100 logarithmic scale. The higher is the number, the higher the page's authority.
Domain InLink Rank	Domain InLink Rank is the indicator of a domain's authority. Like InLink Rank, Domain InLink Rank can be used to assess domains that links come from.

Available Data

This API gives access to the following set of data:

- Number of backlinks linking to a domain/host/URL
- Number of unique hosts linking to a domain/host/URL
- Number of .edu hosts linking to a domain/host/URL
- Number of .gov hosts linking to a domain/host/URL
- InLink Rank (Page Authority) of a URL
- Domain InLink Rank (Domain Authority) of a domain/host/URL
- List of top links pointing to a domain/host/URL (sorted by InLink Rank, descending) that includes the following information:
    - Referring Page's URL
    - Referring Page's Title
    - Target URL
    - Anchor Text
    - Dofollow/Nofollow
    - Referring Page's InLink Rank
    - Referring Page's Domain InLink Rank
- List of the latest links pointing to a domain/host/URL (sorted by found date, descending) that includes the following information:
    - Referring Page's URL
    - Referring Page Title
    - Target URL
    - Anchor Text
    - Dofollow/Nofollow
    - Referring Page's InLink Rank
    - Referring Page's Domain InLink Rank
- Historical record of all backlinks and referring domains that have been seen by our crawlers as "live", but are not necessary live today. This data includes:
    - the number of new and lost backlinks and/or referring domains for each domain/host/URL and any given period of time, with the ability to filter the data based on the backlinks' properties (new/lost, dofollow/nofollow, href-links/redirects, image/text links, etc.)
    - the list of new and lost backlinks and/or referring domains for each domain/host/URL and any given period of time, with the ability to filter the data based on the backlinks' properties (new/lost, dofollow/nofollow, href-links/redirects, image/text links, etc)

Authentication

Access to the service requires a unique API key, which will be issued and provided to you once you become our partner.

To make calls to SEO PowerSuite Backlinks API, you must pass your API key in the apikey GET parameter with every request.

Command overview

Below is a list of commands available via SEO PowerSuite Backlinks API along with a brief overview of their functionality.

1) get-metrics

This command returns key statistics for the target such as: number of backlinks to the target, number of referring domains, etc.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-metrics?apikey=XXX&target=https://www.se
opowersuite.com&mode=url&output=json
```

This command supports batching multiple targets into a single request. If you need to make a batch request and get metrics for a number of targets (100 max), please use a POST request:

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-metrics?apikey=XXX&output=json
```

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

You can pass multiple targets as GET parameters separated by '&'.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing is specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host, or URL	https://www.seopowersite.com/
mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included). • url (ie: http://www.example.com/) - analysis will be done for the particular URL only. Enum: ["domain", "host", "url"]	domain
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
target	string	Aim of the request: root domain, host, or URL	https://www.seopowersite.com/
backlinks	int	Total number of live backlinks	1000
refdomains	int	Number of unique domains linking to a target	100
subnets	int	Number of unique subnets / C-blocks linking to a target	50
ips	int	Number of unique IPs linking to a target	80
nofollow_backlinks	int	Number of backlinks marked as nofollow with a rel="nofollow" attribute in the <a> tag or robots meta tag	100
dofollow backlinks	int	Number of backlinks NOT marked as nofollow with a rel="nofollow" attribute in the <a> tag or robots meta tag	900
edu_backlinks	int	Number of backlinks coming from .edu domains	0
gov_backlinks	int	Number of backlinks coming from .gov domains	1

Sample Request for /get-metrics: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-metrics?apikey=XXX&target=seopowersuite.
com&mode=host&output=json
```

Sample Response for /get-metrics: GET

```
{
"metrics":[
{
"target":"seopowersuite.com",
"backlinks":20,
"refdomains":10,
"subnetss":4,
"ips":8,
"nofollow_backlinks":0,
"dofollow_backlinks":20,
"edu_backlinks":0,
"gov_backlinks":2
}
]
}
```

Sample Request for /get-metrics: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-metrics?apikey=XXX&output=json
```

```
{
    "target":[ "https://www.seopowersite.com/", "https://www.link-assistant.com/" ],
    "mode":"host"
}
```

Sample Response for /get-metrics: POST

```
{
"metrics":[
{
"target":"https://www.seopowersite.com/",
"backlinks":636,
"refdomains":518,
"subnets":145,
"ips":502,
"nofollow_backlinks":131,
"dofollow_backlinks":505,
"edu_backlinks":0,
"gov_backlinks":0
},
{
"target":"https://www.link-assistant.com/",
"backlinks":1245,
"refdomains":956,
"subnets":448,
"ips":488,
"nofollow_backlinks":246,
"dofollow_backlinks":999,
"edu_backlinks":46,
"gov_backlinks":4
}
]
}
```

2) get-inlink-rank

This command returns information about the InLink Rank and Domain InLink Rank for a target URL.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-inlink-rank?apikey=XXX&target=https://ww
w.seopowersuite.com&output=json
```

This command supports batching multiple targets into a single request. If you need to make a batch request and get metrics for a number of targets (100 max), please use a POST request:

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-inlink-rank?apikey=XXX&output=json
```

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

You can pass multiple targets as GET parameters separated by '&'.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: URL of the page you are getting InLink Rank for	https://www.link-assistant.com/rank-tracker/
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
url	string	Aim of the request: URL of the page you are getting InLink Rank for	https://www.link-assistant.com/rank-tracker/
inlink_rank	int	InLink Rank (Page Authority) of the referring page's URL	56
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the referring page's root domain	88

Sample Request for /get-inlink-rank: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-inlink-rank?apikey=XXX&target=https://www.seopowersuite.com&output=json
```

Sample Response for /get-inlink-rank: GET

```
{
"pages":[
{
"url":"https://www.seopowersuite.com",
"inlink_rank":63,
"domain_inlink_rank":68
}
]
}
```

Sample Request for /get-inlink-rank: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-inlink-rank?apikey=XXX&output=json

{
    "target":[ "https://www.seopowersite.com/", "https://www.link-assistant.com/rank-tracker/"
]
}
```

Sample Response for /get-inlink-rank: POST

```
{
"pages":[
{
     "url":"https://www.seopowersite.com/",
     "inlink_rank":63,
     "domain_inlink_rank":68
   },
{
     "url":"https://www.link-assistant.com/rank-tracker/",
     "inlink_rank":64,
     "domain_inlink_rank":82
}
]
}
```

3) get-backlinks

This command returns information about the backlinks pointing to a target.

> GET: *https://api.seopowersuite.com/backlinks/v1.0/get-backlinks?apikey=XXX&target=https://seop owersuite.com&mode=domain&limit=100&order_by=inlink_rank&per_domain=1&output=json*

This command also supports POST requests, but only takes a single target input parameter.

> POST: *https://api.seopowersuite.com/backlinks/v1.0/get-backlinks?apikey=XXX&output=json*

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com
mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) • url (ie: http://www.example.com/) - analysis will be done for the particular URL only Enum: ["domain", "host", "url"]	domain
limit	int	N	100	Maximum number of results to return. Validation: should be within [1; 10,000]	10
order_by	string	N	date_found	The field by which the results will be sorted by in the response: • date_found - returns most recent (new) backlinks first • domain_inlink_rank - returns backlinks with the highest Domain InLink Rank first • inlink_rank - returns backlinks with the highest InLink Rank first Enum: ["date_found", "domain_inlink_rank", "inlink_rank"]	date_found

per_domain	int	N	""	Number of backlinks per referring domain to be provided in the response. Validation: [1; 100] Passing an empty parameter will return all backlinks (even if there are more than 100).	100
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
url_from	string	Referring page's URL	http://seo.jouwlinkhier.nl/
url_to	string	Destination page's URL	https://www.seopowersuite.com/rank-tracker/
title	string	Referring page's title	informatie over seo
anchor	string	Link anchor text for text links. Image alt text for image links.	Rank Tracker
alt	string	not used	null
nofollow	boolean	Is set to true if the link has a rel="nofollow" attribute in the <a> tag or robots meta tag	false
image	boolean	Is set to true if the html <a> tag from which the link was extracted includes an image	false
image_source	string	The source URL of the image (for image links)	https://windows.podnova.com/images/sps.jpg
inlink_rank	int	InLink Rank (Page Authority) of the referring page's URL	21
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the referring page's root domain	68
first_seen	date	The date when the backlink was discovered and added to the index	2016-10-26
last_visited	date	The date when our crawlers last visited the referring page	2019-01-08

Sample Request for /get-backlinks: GET

```
GET:

https://api.seopowersuite.com/backlinks/v1.0/get-backlinks?apikey=XXX&target=https://seopowers
uite.com&mode=domain&limit=2&order_by=date_found&output=json&per_domain=1
```

Sample Request for /get-backlinks: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-backlinks?apikey=XXX&output=json

{
"target":"https://www.seopowersuite.com/",
"order_by":"date_found",
"mode":"domain",
"limit":2,
"per_domain":1
}
```

Sample Response for /get-backlinks: GET and /get-backlinks: POST

```
{
"backlinks":[
{
"url_from":"https://www.adrianorbai.com/4-nume-grele-in-marketing-online-si-optimizarea-conver
siilor-vin-pentru-prima-data-in-romania/",
"url_to":"http://www.seopowersuite.com/",
"title":"4 nume grele in marketing online si optimizarea conversiilor vin, pentru prima data
in Romania",
"anchor":"SEO Power Suite",
"alt":null,
"nofollow":false,
"image":false,
"image_source":null,
"inlink_rank":0,
"domain_inlink_rank":13,
"first_seen":"2019-10-18",
"last_visited":"2019-10-18"
},
{
"url_from":"https://automizy.com/blog/15-saas-marketing-tools-effective/",
"url_to":"https://www.seopowersuite.com/",
"title":"15+ Must-Have SaaS Marketing Tools to be more Effective",
"anchor":"Rank Tracker",
"alt":null,
"nofollow":false,
"image":false,
"image_source":null,
"inlink_rank":0,
"domain_inlink_rank":67,
"first_seen":"2019-10-18",
"last_visited":"2019-10-18"
}
]
}
```

4) get-refdomains

This command returns information about the domains/hosts pointing to a target.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-refdomains?apikey=XXX&target=seopowersui
te.com&mode=domain&limit=100&order_by=inlink_rank&output=json
```

This command also supports POST requests, but only takes a single target input parameter.

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-refdomains?apikey=XXX&output=json
```

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com

mode	string	N	host	Mode of operation: - domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains - host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) - url (ie: http://www.example.com/) - analysis will be done for the particular URL only Enum: ["domain", "host", "url"]	domain
limit	int	N	100	Maximum number of results to return. Validation: should be within [1; 10,000]	10
order_by	string	N	date_found	The field by which the results will be sorted by in the response: - date_found - returns most recent (new) backlinks first - domain_inlink_rank - returns backlinks with the highest Domain InLink Rank first - inlink_rank - returns backlinks with the highest InLink Rank first Enum: ["date_found", "domain_inlink_rank", "inlink_rank"]	date_found
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
refdomain	string	Name of the referring domain	frashmi.net
backlinks	int	Total number of backlinks pointing to the target from this domain	1
dofollow_backlinks	int	Number of backlinks from this domain that are NOT marked as nofollow with a rel="nofollow" attribute in the <a> tag or robots meta tag	1
first_seen	date	The date when the oldest live backlink coming from this domain was found	2018-11-05
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the referring domain	76

Sample Request for /get-refdomains: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-refdomains?apikey=XXX&target=seopowersui
te.com&mode=domain&limit=2&output=json
```

Sample Request for /get-refdomains: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-refdomains?apikey=XXX&output=json

{
"target":"seopowersuite.com",
"mode":"domain",
"limit":2
}
```

Sample Response for /get-refdomains: GET and /get-refdomains: POST

```
{
  "refdomains":[
    {
      "refdomain":"frashmi.net",
      "backlinks":1,
      "dofollow_backlinks":1,
      "first_seen":"2018-11-05",
      "domain_inlink_rank":76
    },
    {
      "refdomain":"martech.tools",
      "backlinks":12,
      "dofollow_backlinks":5,
      "first_seen":"2010-01-09",
      "domain_inlink_rank":38
    }
  ]
}
```

5) download-all-backlinks

This command allows for large-scale backlinks retrieval and returns information about all backlinks pointing to a target. Due to the high volume of data to process, this command will always work asynchronously with results being made available as a downloadable .GZ compressed CSV file.

GET: *https://api.seopowersuite.com/backlinks/v1.0/download-all-backlinks?apikey=XXX&target=https://seopowersuite.com&mode=domain&output=json*

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com
mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) • url (ie: http://www.example.com/) - analysis will be done for the particular URL only Enum: ["domain", "host", "url"]	domain
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example

task_status	string	Status of the CSV file preparation task: • queued_for_processing - the task successfully started preparing the requested data • processing - the task is running • complete - the task successfully prepared the data, you can start downloading the CSV file • rejected - the task cannot be started due to the fact that the previous task is being still processed by the system and hasn't been finished yet. Please wait for the previous task to complete • task id is unknown or deleted - the task with the requested ID is unknown or you don't have access to it. You should only ask for status of those tasks which have been previousely queued for processing Enum: ["queued_for_processing", "processing", "complete", "rejected", "task id is unknown or deleted"]	queued_for_processing
task_id	string	The id of the CSV file preparation task	602c775d-760d-46ba-bfaf-005a6b37ac4e
download_file	string	The location of the CSV file with the requested data, ready for download	https://api.seopowersuite.com/export/c/seopowersuite.com-1572280448369.csv.gz

Sample Flow

1. First, you need to formulate the request for downloading a list of all backlinks for the target and put it into an execution queue:

```
GET: https://api.seopowersuite.com/backlinks/v1.0/download-all-backlinks?apikey=XXX&target=http://seopowersuite.com&mode=domain&output=json
```

Response

```
{
    "task_status":"queued_for_processing",
    "task_id":"CB8C36874702C69A767AC086AFD01B1B",
}
```

2. Next, find out if the data you've requested is ready:

```
GET: https://api.seopowersuite.com/backlinks/v1.0/download-all-backlinks-status?apikey=XXX&task_id=CB8C36874702C69A767AC086AFD01B1B&output=json
```

Response

```
{
    "task_status":"complete",
    "task_id":"CB8C36874702C69A767AC086AFD01B1B",

  "download_file":"https://api.seopowersuite.com/export/c/seopowersuite.com-1572280448369.csv.gz"
}
```

3. Fetch your CSV file with the data requested by simply accessing it at the location returned in the download_file parameter:

```
GET: https://api.seopowersuite.com/export/c/seopowersuite.com-1572280448369.csv.gz
```

6) get-raw-backlinks

This command returns information about all backlinks pointing to a target in batches using a cursor-based pagination approach. This method supports pagination, but doesn't offer any ordering or filtering possibilities.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-raw-backlinks?apiKey=XXX&target=seopowersuite.com&mode=domain&limit=50000&output=json&next=YYY
```

Unlike the get-backlinks method (which supports sorting/ordering and is most commonly used to quickly get top backlinks by InLinkRank or to get most recent backlinks), this method is aimed to fetch backlinks in batches - one batch after another. It uses an approach called "cursor-based pagination", which is the most efficient method of paging. A cursor refers to a random string of characters which marks a specific item in a list of data. Unless this item is deleted, the cursor always points to the

same part of the list, but is invalidated if an item is removed. Therefore, you may assume that they will be valid within the next 24 hours, even if new items are added to the list in-between requests.

This cursor-paginated method supports the next parameter which is being used as a cursor that will return the next page of data.

Note:

The next parameter must not be included in the request when asking for the first page of data (you'll get an error if it is).

If the next parameter is not included in the response, this is the last page of data. Stop paging when the next cursor no longer appears.

Please note that this command supports GET requests only (POST is not supported for this command).

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com
mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) • url (ie: http://www.example.com/) - analysis will be done for the particular URL only. Enum: ["domain", "host", "url"]	domain
limit	int	N	10,000	Maximum number of results to return on one page. Validation: should be within [1; 100,000]	10
next	string	N	""	The cursor that points to the end of the page of data that has been returned. - Must NOT be present among the request parameters if the request to get backlinks to a new target is being made for the first time. - Will NOT be returned in response for the last page of data (if no more backlinks to the target exist).	uaputGo_eWXvSEWZCpBxgAW
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
url_from	string	Referring page's URL	https://www.digitalparc.com/blog/11-killer-seo-tools-will-boost-productivity/
url_to	string	Destination page's URL	https://www.seopowersuite.com/
title	string	Referring page's title	11 Killer SEO Tools That Will Boost Your Productivity	DigitalParc
anchor	string	Link anchor text for text links. Image alt text for image links.	Rank Tracker
alt	string	not used	null

nofollow	boolean	Is set to true if the link has a rel="nofollow" attribute in the <a> tag or robots meta tag	false
image	boolean	Is set to true if the html <a> tag from which the link was extracted includes an image	false
image_source	string	The source URL of the image (for image links)	https://windows.podnova.com/images/sps.jpg
inlink_rank	int	InLink Rank (Page Authority) of the referring page's URL	14
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the the referring page's root domain	12
first_seen	date	The date when the backlink was discovered and added to the index	2018-12-08
last_visited	date	The date when our crawlers last visited the referring page	2018-12-08
next	string	The cursor that points to the end of the page of data that has been returned. - Must NOT be present among the request parameters if the request to get backlinks to a new target is being made for the first time. - Will NOT be returned in response for the last page of data (if no more backlinks to the target exist).	a8RMaGJNHWemdJkYq

Sample Flow

1. First, you need to send a request for getting the very first page of data for the target (the example below will return the first 1,000 backlinks to the domain seopowersuite.com):

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-raw-backlinks?apiKey=XXX&target=seopower
suite.com&mode=domain&limit=2&output=json
```

Please note that you must NOT send the next parameter when making a request for the first batch of data - if you do, an error will be returned.

Response

```
{
```

```
  "backlinks": [
    {

"url_from":"https://www.digitalparc.com/blog/11-killer-seo-tools-will-boost-productivity/",
      "url_to":"https://www.seopowersuite.com/",
      "title":"11 Killer SEO Tools That Will Boost Your Productivity | DigitalParc",
      "anchor":"SEO PowerSuite",
      "alt":null,
      "nofollow":false,
      "image":false,
      "image_source":null,
      "inlink_rank":0,
      "domain_inlink_rank":0,
      "first_seen":"2018-12-08",
      "last_visited":"2018-12-08"
    },
    {
      "url_from":"https://www.evemilano.com/guide-seo/strumenti-seo/",
      "url_to":"http://www.seopowersuite.com/",
      "title":"Strumenti SEO gratuiti e premium",
      "anchor":"Seopowersuite",
      "alt":null,
      "nofollow":true,
      "image":false,
      "image_source":null,
      "inlink_rank":0,
      "domain_inlink_rank":0,
      "first_seen":"2018-12-10",
      "last_visited":"2018-12-10"
    }
  ],

  "next":"uaputGo_eWXvSEWZCpBxgAWMP0eBq59xNJOkfe6RwH4is4d7zrh0GUBI__JLSIZl4oBVkgGIrzJEg36aa4iQYw
OYl85ttHkIim8049i1V1YjyFmgqjkZJHjGGlB9WwUkmSClqqvIZXfv4Y/apcUXFZihF56jDhFyBu5TFAp8ErI1"
}
```

2. Next, get the next page of data:

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-raw-backlinks?apiKey=XXX&target=seopower
suite.com&mode=domain&limit=2&output=json&next=uaputGo_eWXvSEWZCpBxgAWMP0eBq59xNJOkfe6RwH4is4d
7zrh0GUBI__JLSIZl4oBVkgGIrzJEg36aa4iQYwOYl85ttHkIim8049i1V1YjyFmgqjkZJHjGGlB9WwUkmSClqqvIZXfv4
Y/apcUXFZihF56jDhFyBu5TFAp8ErI1
```

Response

```
{
```

```
"backlinks": [
    {
"url_from":"https://www.digitalparc.com/blog/11-killer-seo-tools-will-boost-productivity/",
        "url_to":"https://www.seopowersuite.com/",
        "title":"11 Killer SEO Tools That Will Boost Your Productivity | DigitalParc",
        "anchor":"SEO PowerSuite",
        "alt":null,
        "nofollow":false,
        "image":false,
        "image_source":null,
        "inlink_rank":0,
        "domain_inlink_rank":0,
        "first_seen":"2018-12-08",
        "last_visited":"2018-12-08"
    },
    {
        "url_from":"https://www.evemilano.com/guide-seo/strumenti-seo/",
        "url_to":"http://www.seopowersuite.com/",
        "title":"Strumenti SEO gratuiti e premium",
        "anchor":"Seopowersuite",
        "alt":null,
        "nofollow":true,
        "image":false,
        "image_source":null,
        "inlink_rank":0,
        "domain_inlink_rank":0,
        "first_seen":"2018-12-10",
        "last_visited":"2018-12-10"
    }
  ],

"next":"a8RMaGJNHWemdJkYqKmHy63haw2CxcFCiyun67i7tR14LhO9duKsSERE0jZujBhylpfu7agGTTSSYtYZ34ssFy
o4Hib_Jv34mEt_8U31uzhJD0Bk1UaRe71kr0dNWE09BT2slYB0cmV4Z8xiG9XbzgJ2MR1SV1o4eAFZN0QrJlSX"
}
```
a8RMaGJNHWemdJkYqKmHy63haw2CxcFCiyun67i7tR14LhO9duKsSERE0jZujBhylpfu7agGTTSSYtYZ34ssFyo4Hib_Jv34mEt_8U31uzhJD0Bk1UaRe71kr0dNWE09BT2slYB0cmV4Z8xiG9XbzgJ2MR1SV1o4eAFZN0QrJlSX

3. Iterate until no next parameter is returned - it means this is the last page of data:

Response

```
{
"backlinks": [

{
        "url_from":"https://www.evemilano.com/corsi/salotto-seo/",
        "url_to":"http://www.seopowersuite.com/website-auditor/",
        "title":"Salotto SEO, Consulenza SEO ad ore",
        "anchor":"Website Auditor",
        "alt":null,
        "nofollow":false,
        "image":false,
        "image_source":null,
        "inlink_rank":0,
        "domain_inlink_rank":0,
        "first_seen":"2018-12-10",
        "last_visited":"2018-12-10"
    }
  ]
}
```

7) get-new-lost-backlinks

This command returns a list of backlinks (newly) found or lost within the specified date range for the specified target.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-backlinks?apikey=XXX&target=htt
ps://www.seopowersuite.com&mode=domain&new_lost_type=new&date_from=2019-01-14&date_to=2019-08-
28&link_type=href&anchor_type=text&dofollow=dofollow&output=json
```

This command also supports POST requests, but only takes only a single target input parameter.

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-backlinks?apikey=XXX&output=js
on
```

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com
mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) • url (ie: http://www.example.com/) - analysis will be done for the particular URL only Enum: ["domain", "host", "url"]	domain
new_lost_type	string	N	""	Indicates whether the backlink is new or lost: • new - returns fresh backlinks that were tagged as new • lost - returns backlinks that were tagged as lost Enum: ["new", "lost"] Passing an empty parameter will return both new and lost backlinks.	new
date_from	date	N	yesterday	Start date in "YYYY-MM-DD" format (inclusive range).	2019-03-01
date_to	date	N	current date (today)	End date in "YYYY-MM-DD" format (inclusive range).	2019-04-01
link_type	string	N	""	Type of the backlink. Enum: ["href", "redirect"] Empty parameter will return backlinks of all types.	href
anchor_type	string	N	""	Identifies whether the backlink is a text or image link. Note that if anchor text consists of both text and an image, the backlink's anchor_type will be set to "image". Enum: ["text", "image", "undefined"] Passing an empty parameter will return backlinks with any anchor type.	text

dofollow	string	N	""	Identifies whether the backlink is dofollow or nofollow. Enum: ["dofollow", "nofollow", "undefined"] Passing an empty parameter will return all types of backlinks.	dofollow
url_from	string	N	""	Allows to get a list of backlinks with Referring Page URLs that belong to this domain, including its subdomains. Passing an empty parameter will return backlinks from all domains/subdomains. Example: http://seo.jouwlinkhier.nl/path will return backlinks pointing from *seo.jouwlinkhier.nl/*	
order_by	string	N	new_lost_date	The field by which the results will be sorted by in the response. are sorted by. • new_lost_date - returns new/lost backlinks in order of being found or lost (starting from the most recent ones) • domain_inlink_rank - returns backlinks with the highest Domain InLink Rank first • inlink_rank - returns backlinks with the highest InLink Rank first Enum: ["new_lost_date", "domain_inlink_rank", "inlink_rank"]	new_lost_date
limit	int	N	1,000	Maximum number of results to return Validation: should be within [1; 10,000]	10
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
new_lost_date	date	The date when the link was found or lost	2019-01-16
new_lost_type	string	Indicates whether the backlink is new or lost: • new - returns fresh backlinks that were tagged as new • lost - returns backlinks that were tagged as lost Enum: ["new", "lost"]	new
url_from	string	Referring page's URL	http://seo.jouwlinkhier.nl/
url_to	string	Destination page's URL	https://www.seopowersuite.com/rank-tracker/
title	string	Referring page's title	informatie over seo
anchor	string	Link anchor text for text links. Image alt text for image links.	Rank Tracker
alt	string	not used	null
link_type	string	Type of backlink. If the link was parsed from the href attribute within the page, its type will be set to "href". The alternative would be a link derived from a redirect HTTP header. Enum: ["href", "redirect"]	href
nofollow	boolean	Is set to true if the link has a rel="nofollow" attribute in the <a> tag or robots meta tag	false
image	boolean	Is set to true if the html <a> tag from which the link was extracted includes an image	false
image_source	string	The source URL of the image (for image links)	https://windows.podnova.com/images/sps.jpg

reason_lost	string	Reason why the backlink's status was changed from live to lost: • page_not_found - the referring page returned a 404 status code during the re-crawl • crawl_error - a fetching error occurred during the re-crawl of the referring page (this is different from a 404 code) • page_dropped - the referring page was removed (dropped) from our index for some reason (e.g., we consider it untrustworthy and/or poorly rated) • redirect - the referring page returned a 3XX status code during the re-crawl • not_canonical - the canonical link on the referring page now sends the crawler to another page • noindex - the referring page has included a noindex meta tag in its HTML code or returned a noindex HTTP response header • link_removed - the crawler didn't find the backlink on the referring page; or the redirect which we considered to be a backlink no longer exists • broken_redirect - the crawler failed to identify the type of the redirect • other - any other reason not covered by the cases above (e.g., non-categorized internal errors). Enum: ["page_not_found", " crawl _error", " page_dropped", "redirect", "not_canonical", "noindex", "link_removed", "broken_redirect", "other"]	page_not_found
inlink_rank	int	InLink Rank (Page Authority) of the referring page's URL	21
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the referring page's root domain	24
first_seen	date	The date when the backlink was discovered and added to the index	2016-10-26

Sample Request for /get-new-lost-backlinks: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-backlinks?apikey=XXX&target=https://www.seopowersuite.com&mode=domain&date_from=2019-01-14&date_to=2019-01-16&&output=json
```

Sample Request for /get-new-lost-backlinks: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-backlinks?apikey=XXX&output=json

{
    "target":"https://www.seopowersite.com",
    "mode":"domain",
    "date_from":"2019-01-14",
    "date_to":"2019-01-16"
}
```

Sample Response for /get-new-lost-backlinks: GET and /get-new-lost-backlinks: POST

```
{
    "new_lost_backlinks": [
      {
        "new_lost_date":"2019-01-16",
        "new_lost_type":"new",
        "url_from":"http://seo.jouwlinkhier.nl/",
        "url_to":"https://www.seopowersuite.com/rank-tracker/",
        "title":"informatie over seo",
        "anchor":"Rank Tracker",
        "alt":"",
        "link_type":"href",
        "nofollow":false,
        "image":false,
        "image_source":"",
        "reason_lost":"",
        "inlink_rank":21,
        "domain_inlink_rank":24,
        "first_seen":"2019-01-16"
      },
      {
        "new_lost_date":"2019-01-17",
        "new_lost_type":"lost",
        "url_from":"http://www.seopowersuite.com/",
        "url_to":"https://seopowersuite.com/",
        "title":"",
        "anchor":"",
        "alt":"",
        "link_type" "redirect",
        "nofollow":false,
        "image":false,
        "image_source":"",
        "reason_lost":"broken_redirect",
        "inlink_rank":0,
        "domain_inlink_rank":68,
        "first_seen":"2016-10-26"
      }
    ]
}
```

8) get-new-lost-refdomains

This command returns a list of referring domains, at least one backlink from which was (newly) found or lost in the specified date range for the specified target.

GET: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-refdomains?apikey=XXX&target=https://www.seopowersuite.com&mode=domain&new_lost_type=new&date_from=2019-01-14&date_to=2019-08-28&output=json

This command also supports POST requests, but only takes a single target input parameter.

POST: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-refdomains?apikey=XXX&output=json

Please note that the apikey (mandatory) and output (optional) parameters must always come as GET parameters (even if the rest of the parameters come through POST).

POST data that comes in the request body should be in JSON format.

Request Parameters

Name	Format	Mandatory	Default Value (if nothing was specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
target	string	Y	n/a	Aim of the request: root domain, host (subdomain), or URL	https://www.seopowersuite.com

mode	string	N	host	Mode of operation: • domain (ie: *.example.com/*) - analysis will be done for all URLs that belong to this domain, including its subdomains • host (ie: www.example.com/*) - analysis will be done for all URLs that belong to this host (subdomains will not be included) • url (ie: http://www.example.com/) - analysis will be done for the particular URL only Enum: ["domain", "host", "url"]	domain
new_lost_type	string	N	""	Indicates whether the backlink is new or lost: • new - returns fresh backlinks that were tagged as new • lost - returns backlinks that were tagged as lost Passing an empty parameter will return both new and lost refdomains.	new
date_from	date	N	yesterday	Start date in "YYYY-MM-DD" format (inclusive range).	2019-03-01
date_to	date	N	current date (today)	End date in "YYYY-MM-DD" format (inclusive range).	2019-04-01
order_by	string	N	new_lost_date	The field by which the results will be sorted by in the response: • new_lost_date - returns new/lost backlinks in order of being found or lost (starting from the most recent ones) • domain_inlink_rank - returns backlinks with the highest Domain InLink Rank first Enum: ["new_lost_date", "domain_inlink_rank"]	new_lost_date
limit	int	N	1,000	Maximum number of results to return Validation: should be within [1; 10,000]	10
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
new_lost_date	date	The date when the oldest live backlink coming from this domain was found or the last backlink from this domain was lost.	2019-07-17
new_lost_type	string	Indicates whether the backlink is new or lost: • new - returns fresh backlinks that were tagged as new • lost - returns backlinks that were tagged as lost Enum: ["new", "lost"]	new
refdomain	string	The name of the referring domain	seo.jouwlinkhier.nl
backlinks	integer	Total number of backlinks pointing from this domain.	1
dofollow_backlinks	integer	Number of backlinks NOT marked with rel nofollow attribute value in the <a> tag or robots meta tag pointing from this domain.	1
first_seen	date	The date when the oldest live backlink coming from this domain was found	2016-10-26
domain_inlink_rank	int	Domain InLink Rank (Domain Authority) of the referring domain	24

Sample Request for /get-new-lost-refdomains: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-refdomains?apikey=XXX&target=ht
tps://www.seopowersuite.com&mode=domain&new_lost_type=new&date_from=2019-01-14&date_to=2019-08
-28&output=json
```

Sample Request for /get-new-lost-refdomains: POST

```
POST: https://api.seopowersuite.com/backlinks/v1.0/get-new-lost-refdomains?apikey=XXX&output=j
son
```

Post Data:

```
{
    "target":"https://www.seopowersite.com",
    "mode":"domain",
"new_lost_type":"new",
    "date_from":"2019-01-04",
    "date_to":"2019-08-28"
}
```

Sample Response for /get-new-lost-refdomains: GET and /get-new-lost-refdomains: POST

```
{
    "new_lost_refdomains": [
     {
       "new_lost_date":"2019-07-17",
       "new_lost_type":"new",
       "refdomain":"seo.jouwlinkhier.nl",
       "backlinks":1,
       "dofollow_backlinks":1,
       "first_seen":"2016-10-26",
       "domain_inlink_rank":24
     },
     {
       "new_lost_date":"2019-07-17",
       "new_lost_type":"lost",
       "refdomain":"martech.tools",
       "backlinks":12,
       "dofollow_backlinks":5,
       "first_seen":"2016-10-26",
       "domain_inlink_rank":68
     }
    ]
}
```

9) get-subscription-info

This command returns information on existing subscriptions with the current API balance for a given API key.

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-subscription-info?apikey=XXX&output=json
```

Please note that this command supports GET requests only (POST is not supported for this command).

Request Parameters

Name	Format	Mandatory	Default Value (if nothing is specified)	Description	Example
apikey	string	Y	n/a	API key for authentication	n/a
output	string	N	json	Output format Enum: ["json", "xml"]	json

Response Parameters

Name	Format	Description	Example
status	string	Current status of the API subscription plan. Enum: ["active", "inactive", "expired", "disabled"]	active
start_date	datetime	Subscription start date in "YYYY-MM-DD HH:MM:SS" format.	2021-01-25 01:02:03
expiration_date	datetime	Subscription expiration date in "YYYY-MM-DD HH:MM:SS" format.	2022-01-24 23:22:21
units_limit	long	Quota (total number of API units) for this subscription.	5000000
units_left	long	Current API balance, i.e. number of API units left.	123456

Sample Request for /get-metrics: GET

```
GET: https://api.seopowersuite.com/backlinks/v1.0/get-subscription-info?apikey=XXX&output=json
```

Sample Response for /get-metrics: GET

```
{
"subscription_info":
{
"status":"active",
"start_date":2021-01-25 01:02:03,
"expiration_date":2022-01-24 23:22:21,
"units_limit":5000000,
"units_left":123456
}
}
```

Error Handling

If a request to the API fails, the HTTP response will return an error, including the error code and a detailed description of the error in the response's body.

Below are the details of common errors you may experience while working with the SEO PowerSuite Backlinks API.

Problem/Error Description	Error code	Solution
Parameter YYY is missing.	400 (Bad Request)	Please ensure you have passed all mandatory parameters.
Parameter YYY is invalid. (Parameters are invalid.)	400 (Bad Request)	Please ensure all values you have passed as parameters are valid. A detailed list of all valid values for different parameters can be found on a specific command's documentation.
Authentication failed. Please make sure your API key is valid and active. To get an API key, please contact us at api@seopowersuite.com	401 (Unauthorized)	Please ensure you have a valid, active API key.
Insufficient funds, API key is temporarily disabled. Please make a payment to enable you API key, or contact us at api@seopowersuite.com.	402 (Payment Required)	Please ensure you have sufficient balance. The request can not be processed until you make a payment to re-enable your API key.
Authentication failed. Please ensure you have a valid, enabled API key. To get an API key, please contact us at api@seopowersuite.com.	403 (Forbidden)	The access is forbidden. Please contact us at api@seopowersuite.com to find out the reason and re-enable your API key.

The requested resource could not be found.	404 (Resource Not Found)	Please ensure you are requesting a valid resource.
Method Not Allowed.	405 (Method Not Allowed)	Please ensure you are using a method, which is supported at a resource.
Unsupported output format. Supported output formats are "json" (default) and "xml".	406 (Not Acceptable)	The server cannot produce a response matching the desired output format. Supported output formats are "json" (default) and "xml".
Call rate limit reached.	429 (Too Many Requests)	You are making too many requests per time period and exceeding the call rate limit for your API key.
Unexpected error. Please try again later.	500 Internal Server Error	An unexpected error occurred (e.g.: a search engine parser is broken).
System is busy. Please try again later.	503 Service unavailable	The system is busy and can't handle the request at the moment.
Results for huge websites like google.com or twitter.com are unavailable via API so far.	244 (Results for huge websites like google.com or twitter.com are unavailable via API so far)	The command does not support your target so far due to the huge amount of data it requires to process.
Returned value for a parameter is zero.	200 (OK)	This situation is totally OK, and might happen if there's no data for the target - for example, no referring backlinks or domains for an URL.
Returned value for a parameter is a negative digit.	200 (OK)	This situation is totally OK, and might happen if a special value must be returned - for example, InLink Rank = -1 must be treated as Unknown (unlike the situation where InLink Rank is known and equal to 0).

If you encounter any non-self documenting technical errors not detailed here, please feel free to contact us directly at api@seo powersuite.com.