

Folders API Endpoint

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Folders API Endpoint

https://api.bitsighttech.com/ratings/v1/folders

Manage your portfolio folders and their contents:

- List details about all folders.
- List details about a single folder.
- Update information about a folder and change its settings.
- Edit folder sharing.
- Create and delete folders.
- Add or remove organizations in your subscriptions to and from folders.



The folders API is meant to manage folders and their contents only. If you want to add an organization to your portfolio using the API (so that you can then add it to a folder), use the "Subscriptions" endpoint to first subscribe, and then use the "Folders" endpoint for sorting.

When using PATCH or POST HTTP methods, you will need to specify "application/json" in the Content-Type header and send the data payload as binary data.

Paths

Paths	Purposes	Descriptions
/v1/folders	GET: Folder Details	This returns each folder as separate objects and shared folders that are owned by you or are associated with you. Append a folder GUID to the URL for details of a single folder.
/v1/folders	POST: Create a Folder	Create a new folder.
/v1/folders/folde r_guid	DELETE: Delete a Folder	Delete a folder and remove it from your portfolio.
/v1/folders/folde r_guid	PATCH: Edit Folder Properties	Edit folder properties including how long companies will be in the folder (expiration), folder description, folder name, and sharing options.
/v1/folders/folde r_guid	PATCH: Manage Shared Folder Permissions	Manage permissions for shared folders and access control groups.
/v1/folders/folde r_guid/companies	PATCH: Add Companies to a Folder	Add companies to an existing folder.

/v1/folders/folde r_guid/companies	PATCH: Remove Companies from a Folder	Remove companies from a folder.
/v1/folders/folde r_guid/findings/s ummary	GET: Findings in a Folder	See the presence of findings in a folder.
/v1/folders/folde r_guid/graph_data	GET: Ratings Graph Data of a Folder	Get the ratings graph data of a folder.
/v1/folders/folde r_guid/products	GET: Products in a Folder	Get the enterprise products used in a folder.
/v1/folders/folde r_guid/product-ty pes	GET: Product Types in a Folder	Get the product types that are used by all companies in a particular folder.
/v1/folders/folde r_guid/providers	GET: Service Providers in a Folder	Get the service providers that are used in a particular folder.
/v1/folders/folde r_guid/providers/ provider_guid/com panies	GET: Companies in a Folder that Depends on a Specific Service Provider	Get all companies within a folder that depends on a specific service provider.
/v1/folders/folde r_guid/providers/ provider_guid/pro ducts	GET: Products in a Specific Folder	Get the products of a particular service provider used by companies within a specific folder.

https://api.bitsighttech.com/ratings/v1/folders

This returns each folder as separate objects and shared folders that are owned by you or are associated with you.

Example Request

```
curl 'https://api.bitsighttech.com/ratings/v1/folders' -u api token:
```

Append a folder unique identifier to the URL for details of a single folder.

curl https://api.bitsighttech.com/ratings/v1/folders/folder guid -u api token:

Example Response

```
"quid": "ffffffff-4444-4444-ffff-444444444444",
"name": "My Folder",
"owner": "jane.doe@example.com",
"owner name": "Jane Doe",
"owner_guid": "bbbbbbbb-4444-4444-bbbb-44444444444",
"content expiry days":null,
"description": "Companies to monitor.",
"contains_all_companies":false,
"order":93760,
"companies":[
   "3333333-cccc-cccc-3333-cccccccccc",
   "2222222-dddd-2222-222-ddddddddddd"
"is selected":false,
"is deletable":true,
"customer global":false,
"can edit properties":true,
"shared options":{
   "is_shared":false,
   "user can share":true,
   "shared with all users":false,
   "group can edit contents":false,
   "group_can_edit_properties":false,
   "shared with":[
      "can edit folder contents":true,
      "email": "john.doe@example.com",
      "can edit folder properties":true
   ],
   "user can edit contents":true
"subscription type":null,
"email enabled":false,
```

```
"content_subscription_types":[
          "continuous_monitoring"
]
}
```

Keys	Descriptions	Data Types
guid	The unique identifier of this folder.	String [folder_guid]
name	The name of this folder.	String
owner	The email address of the owner of this folder. Value: If the API user (you) is a co-owner of this folder, their email will be displayed.	String
owner_name	The full name of the owner of this folder. Value: If the API user (you) is a co-owner of this folder, their name will be displayed.	String
owner_guid	The unique identifier of the owner of this folder. Value: If the API user (you) is a co-owner of this folder, their unique identifier will be displayed.	String [user_guid]
content_expiry_day s	The number of days after which companies in this folder will be removed from it. Default: null	Integer
description	A description of this folder.	String
contains_all_compa nies	A static internal value, used to mark the "All Companies" folder.	Boolean
order	For internal BitSight use. A static number, used to organize folders in the BitSight platform.	Integer
companies	A list of unique identifiers of the monitored companies in this folder.	Array

is_selected		For internal BitSight use. A static internal value, used by the BitSight platform.	Boolean
is_deletable		Indicates if the user (you) can delete the folder. Value: This value is false if you don't have owner-level permissions or this folder is the "All Companies" folder.	Boolean
cus	tomer_global	Identifies subscription folders that are generated by the system.	Boolean
can_edit_propertie		Indicates if the user (you) can add companies to this folder. Value: This is determined by the folder owner.	Boolean
shared_options		Contains details of how this folder is shared. The values of these keys can be changed via the BitSight API.	Object
i	s_shared	Indicates if this folder is shared.	Boolean
u	ser_can_share	Indicates if the API user (you) can share this folder.	Boolean
	hared_with_all_ sers	Indicates if this folder is shared with all users in the Access Control Group of API user (you).	Boolean
	roup_can_edit_c	If the folder is shared with all users, this indicates if all users in the Access Control Group have management permissions, i.e can add or remove companies.	Boolean
group_can_edit_p roperties		Indicates if this folder is shared with all users of the API user's (you) Access Control Group and if all users in the group are owners.	Boolean
shared_with		Lists users who have access to this folder.	Array
	can_edit_folde r_contents	Indicates if this user has permission to edit folder contents.	Boolean
	email	The email address of this user.	String

		can_edit_folde r_properties	Indicates if this user has permission to edit folder properties (owner).	Boolean
	user_can_edit_co Indicates if the API user (you) can add or remove companies.		Indicates if the API user (you) can add or remove companies.	Boolean
subscription_type		scription_type	Lists folder types if the type is used for certain subscription types. Value: User-created folders will be null.	String
email_enabled		il_enabled	Indicates if email alerts are enabled for this folder. This is a separate option from the alerts_enabled key, which generates alerts in the BitSight platform.	Boolean
content_subscripti on_types		_	Identifies all subscription types of the companies in this folder.	Array

POST: Create a Folder

https://api.bitsighttech.com/ratings/v1/folders

Create a new folder. Folders can be used to organize your portfolio to better understand the security performance of certain groups of companies, such as IT vendors.

Parameters

Include the following information within the JSON object:

*Required.

Keys	Descriptions	Values
name* [string, query]		
description [string, query]	Set a way to identify the folder.	Description for the folder.
content_expiry_days [integer, query] Set how long companies will remain in the folder before removal.		The number of days.

Example Request

The minimum requirement for creating a folder is to specify a name:

```
curl 'https://api.bitsighttech.com/ratings/v1/folders'
-H 'Content-Type: application/json'
--data-binary '{"name":"folder_name"}'
--compressed
-u api_token:
```

DELETE: Delete a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid

Delete a folder and remove it from your portfolio.

- You can only delete folders that you've created. Some automatically-generated folders cannot be deleted, like the All Companies folder, subscription folders, and folders that have been shared with you.
- When you delete a folder, the subscriptions to those companies remain. They will still be available in your "All Companies" folder.
- If the folder was shared, the folder will also be removed from the team member's portfolio.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	Identify the folder to delete.	Folder unique identifier [folder_guid]. See GET: Folder Details.

Example Request

curl -X "DELETE" https://api.bitsighttech.com/ratings/v1/folders/folder_guid
-u api token:

If successfully deleted, the server will return a "HTTP 204" code.

PATCH: Edit Folder Properties

https://api.bitsighttech.com/ratings/v1/folders/folder guid

Edit folder properties including how long companies will be in the folder (expiration), folder description, folder name, and sharing options.

Parameters

You do not need to include the unique identifier (GUID) of the folder as a key in your payload. It's being patched directly to the GUID in the request URL. Send a JSON object in the payload with any of the following properties:

*Required.

Parameters	Descriptions	Values
content_expiry_days [integer, query]	Set how long companies will remain in the folder before removal.	The number of days.
folder_guid* [string, path]	Identify the folder to edit.	Folder unique identifier [folder_guid]. See GET: Folder Details.
description [string, query] Set a new description for the folder.		Folder description.
name [string, query] Assign a new name for the folder.		Folder name.
shared_options Set the keys and values for sharing this folder.		Keys and values. See <u>GET: Folder</u> <u>Details</u> .

Example Request

Place the URL within single quotes to avoid any errors.

```
curl 'https://api.bitsighttech.com/ratings/v1/folders/folder_guid' -X PATCH -H
'Content-Type: application/json' --data-binary '{"name":"folder_name"}'
--compressed -u api token:
```

The server will return all the details of the folder updated with the ones that you patched.

PATCH: Manage Shared Folder Permissions

https://api.bitsighttech.com/ratings/v1/folders/folder_guid

Manage user permissions for shared folders and Access Control Groups.



You must be the folder owner to manage permissions for your shared folder.

Parameters

*Required.

	Parameters	Descriptions	Values
	older_guid* string, path]	Identify the folder to edit.	Folder unique identifier [folder_guid]. See GET: Folder Details.
shared_options [object, body]		Shared folder settings.	<pre>"shared_options":{ "key":value, }</pre>
	is_shared [boolean, body]	Share the folder.	A true value shares the folder.
	group_can_edit_ contents [boolean, body]	Allows all users in the group permission to add or remove companies in the folder.	A true value allows all users in the group to add or remove companies in the folder.
	shared_with_all _users [boolean, body]	Share the folder with all users in the group.	A true value shares the folder with all users in the group.
	shared_with [array, body]	Identify users of the shared folder.	Comma-separated user objects.
	email [string, body]	Identify the user by email.	The user's email address.
	can_edit_fold er_contents [boolean, body]	Allow this user to add or remove companies in the folder.	A true value allows this user to add or remove companies in the folder.
	can_edit_fold er_properties [boolean, body]	Allow this user to edit the folder.	A true value allows this user to edit the folder.

Example Request

Include the associated shared_options keys into a JSON object for the payload and be sure to include the appropriate Content-Type header.

The following request enables folder sharing for all users in your group, allows them to view companies, and prevents them from adding or removing companies.

```
curl 'https://api.bitsighttech.com/ratings/v1/folders/folder guid'
-X PATCH
-H 'Content-Type: application/json'
--data-binary
   "shared options":{
      "is shared":true,
      "group can edit contents":false,
      "shared_with_all_users":true,
      "shared_with":[
         {
            "email": "user@example.com",
            "can edit folder contents":false,
            "can edit folder properties":false
      ]
--compressed
-u api_token:
```

Example Response

The server returns the folder's details as verification.

Kevs	Descriptions	Data Types
Reys	Descriptions	Data Types

shared_options		ed_options	Shared folder settings.	Object
	is_shared		A true value indicates this folder is shared.	Boolean
	shared_with_all_users		A true value indicates this folder is shared with all users in the group.	Boolean
	group_can_edit_conten ts group_can_edit_proper ties shared_with_users email can_edit_folder_con tents		A true value indicates this folder is shared with all users and if all users can add or remove companies in this folder.	Boolean
			A true value indicates this folder is shared with all users in the group as owners of the folder.	Boolean
			This folder is shared with the listed users.	Array
			The user's email address.	String
			A true value indicates this user can add or remove companies in the folder.	Boolean
		can_edit_folder_pro perties	A true value indicates this user can edit folder properties as an owner.	Boolean

PATCH: Add Companies to a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid/companies

Add companies to an existing folder.

Parameters

*Required.

Parameters	Descriptions	Values
company_guid* [string, body]	The companies to add to the folder.	Comma-separated company unique identifier [company_guid]. See GET: Portfolio Details.
folder_guid* [string, path]	The folder to edit.	Folder unique identifier [folder_guid]. See GET: Folder Details.

Example Request

Create a JSON object with an add_companies key. The value should be an array of company unique identifiers [company_guid] as your payload in the request. Be sure to include the appropriate Content-Type header and send the payload as binary data.

```
curl 'https://api.bitsighttech.com/ratings/v1/folders/folder_guid/companies/'
-X PATCH -H 'Content-Type: application/json' --data-binary
'{"add_companies":["company_guid_1","company_guid_2"]}' --compressed -u
api token:
```

Example Response

In the following example, the name of the folder is "Third Party Risk" and the name of the company being added is called "Example Corp":

Keys	Descriptions	Data Types
not_added	Companies that were not successfully added to the folder.	Array [company_guid]
added	Companies that were successfully added to the folder.	Array [company_guid]
companies	Companies currently in the folder.	Array [company_guid]
detail	Messages or notifications related to your request.	String

PATCH: Remove Companies from a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid/companies

Remove companies from a folder.



Companies cannot be removed from the "All Companies" folder.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	The folder to edit.	Folder unique identifier [folder_guid]. See GET: Folder Details.
remove_companies* [array, body]	The companies to remove from the folder.	Comma-separated company unique identifier [company_guid]. See GET: Portfolio Details.

Example Request

Create a JSON object with a remove_companies key. Its value should be an array of unique identifiers (GUID) of the companies that you'd like to be removed from the folder.

```
curl 'https://api.bitsighttech.com/ratings/v1/folders/folder_guid/companies'
-X PATCH -H 'Content-Type: application/json' --data-binary
'{"remove_companies":["company_guid_1", "company_guid_2"]}' --compressed -u
api token:
```

Example Response

The remove_companies key lists the GUID of companies that were removed.

```
{
    "remove_companies":[
        "1b3d260c-9e23-4e19-b3a5-a0bcf67d74d9",
        "a5e23bf0-38d4-4cea-aa50-19ee75da481d"
]
}
```

GET: Findings in a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid/findings/summary

See the presence of findings in a folder.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	The folder to query.	Folder unique identifier [folder_guid]. See GET: Folder Details.
type [string, query]	Filter by risk type.	
confidence [string, query]	Risk confidence.	• LOW • HIGH

Example Request

```
rurl -
```

https://api.bitsighttech.com/ratings/v1/folders/folder_guid/findings/summary -u api_token:

Example Response

Keys		Descriptions	Data Types
stats		Folder statistics.	Array
	count	This value is always 1 for folder statistics.	Integer
	confidence	Risk confidence.	String
		Values: • LOW • HIGH	
	severity	For internal BitSight use.	Null
	severity_category	For internal BitSight use.	Null
	id	The Common Vulnerabilities and Exposures (CVE) ID of prominent vulnerabilities, to be used in web searches or in the National Vulnerability Database (NVD) for more information about the vulnerability in question.	String
	name	The CVE ID or vulnerability name if available (e.g., BlueKeep).	String
start_date		The beginning date of this summary.	String [YYYY-MM-DD]
end_date		The ending date of this summary.	String [YYYY-MM-DD]

GET: Ratings Graph Data of a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder_guid/graph_data

Get the ratings graph data of a folder.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	The folder to query.	Folder unique identifier [folder_guid]. See GET: Folder Details.

Example Request

curl https://api.bitsighttech.com/ratings/v1/folders/folder_guid/graph_data -u
api token:

```
Example Response
```

	Keys	Descriptions	Data Types
ratings The rating information for the graph.		The rating information for the graph.	Array
	У	The median BitSight Security Rating of the companies in the folder, as displayed in the vertical axis of the graph.	Integer
		String [YYYY-MM-DD]	
n	ame	The name of the folder.	String

GET: Products in a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder_guid/products

Get the enterprise products used in a folder.

Parameters

*Required.

Parameters	Descriptions	Values	
fields [string, query]	Filter by fields.	 The fields (keys) to include in the response. Field names are the names of the fields in the response object. Multiple fields can be specified by comma-separating their names. The order of the specific fields might not be reflected in the response. 	
folder_guid* [string, path]	The folder to edit.	Folder unique identifier [folder_guid]. See GET: Folder Details.	
limit [integer, query]	Set the maximum number of results per query. The results might include fewer records (even zero), but not more.		
offset [integer, query]	Set the starting point of the return.	A 0 (zero) value starts the results from the first record in the result set.	
q [string, query]	Perform a full-text search for matching records on all searchable fields.		
sort [string, query]	Sort the response objects in ascending order (A to Z)	 Field names are the names of the fields in the response object. Comma separate for multiple fields. To sort in descending order, place a minus sign (-) immediately before the field name. 	
		Example: 'key_1, -key_2' will sort first by ascending key_1, and then by descending key_2.	

Example Request

```
curl https://api.bitsighttech.com/ratings/v1/folders/folder_guid/products -u
api_token:

Example Response
{
    "product_guid":"74b48546-b2ba-4d54-be0a-a905f79ba409",
    "product_name":"Data Analyzer",
    "product_types":[
         "Analytics"
    ],
    "provider_guid":"f2b8d63e-8abd-4abb-be44-43d6a60f8b0e",
    "provider_name":"Example Data Company",
    "company_count":2,
    "domain_count":4,
    "percent_dependent":25.73713033478361
```

Response Attributes

}

Keys	Descriptions	Data Types
product_guid	The unique identifier of the product.	String [product_guid]
product_name	The name of the product.	String
product_types	The category of services provided by this product.	Array
provider_guid	The unique identifier of the service provider.	String [company_guid]
provider_name	The name of the service provider.	String
company_count	The number of companies within this folder that use this product.	Integer
domain_count	The total number of unique domains within this folder that have this product.	Integer
percent_dependent	The ratio of companies within this folder that use this product.	Decimal

GET: Product Types in a Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid/product-types

Get the product types that are used by all companies in a particular folder.

Example Request

```
curl https://api.bitsighttech.com/ratings/v1/folders/folder_guid/product-types
-u api_token:
```

Example Response

```
"product_type":"Operating Systems and Languages",
"company_guids":[
    "d6245629-f3ca-41c2-8e34-7bef84596fef",
    "9281ed9f-4b1f-4e80-961f-a82d764dbc50",
    "b4c870ca-3371-4325-b4da-41b8e3349fb4"
]
}
```

Keys	Descriptions	Data Types
product_type	The category of the service provided by this product.	String
company_guids	Companies within this folder that use this type of product.	Array [company_guid]

GET: Service Providers in a Folder

https://api.bitsighttech.com/ratings/v1/folders/ folder guid/providers

Get the service providers that are used by companies in a particular folder.

Example Request

```
curl https://api.bitsighttech.com/ratings/v1/folders/folder_guid/providers -u
api_token:
```

Example Response

```
"provider_guid":"b570b034-b6bf-4e9c-a4a8-3dcf9a7cad9e",
"provider_name":"Example Corporation",
"company_count":3,
"product_count":2,
"domain_count":6,
"percent_dependent":20.0
```

Keys	Descriptions	Data Types
provider_guid	provider_guid The unique identifier of the service provider.	
provider_name	The name of the service provider.	String
company_count	The number of companies within this folder that use this service provider.	Integer
product_count	The number of service provider products within this folder that are used by companies.	Integer
domain_count	The number of unique domains within this folder that use this provider.	Integer
percent_dependent	The ratio of companies within this folder that use this service provider.	Decimal

GET: Companies in a Folder that Depends on a Specific Service Provider

https://api.bitsighttech.com/ratings/v1/folders/folder guid/providers/provider guid/companies

Get all companies within a folder that depends on a specific service provider.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	The folder to query.	Folder unique identifier [folder_guid]. See GET: Folder Details.
provider_guid* [string, path]	The service provider to query.	Company unique identifier [company_guid]. See GET: Portfolio Details.

Example Request

```
curl
https://api.bitsighttech.com/ratings/v1/folders/folder_guid/providers/provider
_guid/companies -u api_token:
```

Example Response

```
{
    "company_guid":"aaaaaaaa-4444-4444-aaaa-44444444444",
    "company_name":"Example Company",
    "domain_count":2,
    "percent_dependent":40.0,
    "relationship_source":"bitsight"
    }
]
```

Keys	Descriptions	Data Types
company_guid	The unique identifier of this company.	String [company_guid]

company_name	The name of this company.	String
domain_count		Integer
percent_depen dent		Decimal
relationship_ source	Indicates how the relationship between this company and the service provider was curated.	String

GET: Products in a Specific Folder

https://api.bitsighttech.com/ratings/v1/folders/folder guid/providers/provider guid/products

Get the products of a particular service provider used by companies within a specific folder.

Parameters

*Required.

Parameters	Descriptions	Values
folder_guid* [string, path]	The unique identifier of the folder.	Folder unique identifier [folder_guid]. See GET: Folder Details.
provider_guid* [string, path]	The unique identifier of the service provider to use.	Company unique identifier [company_guid]. See GET: Portfolio Details.
relationship_type [string, query]	The type of relationship between this company and its fourth party.	

Example Request

```
curl
https://api.bitsighttech.com/ratings/v1/folders/folder_guid/providers/provider
_guid/products -u api_token:
```

Example Response

Request Attributes

Keys	Descriptions	Data Types
product_guid	The unique identifier of this product.	String [product_guid]
product_name	The name of this product.	String
product_types	The category of services provided by this product.	Array
provider_guid	The unique identifier of the service provider for this product.	String [company_guid]
provider_name	The name of the service provider for this product.	String
provider_industry	The industry the service provider of this product belongs to.	String
relative_critical ity	Reiterates the relative_importance key. Values: low medium high critical	String

Parameters

GET: Users

GET https://api.bitsighttech.com/ratings/v2/users

GET: Portfolio Details

GET https://api.bitsighttech.com/ratings/v1/portfolio