



API Endpoint Definition API v1

The original version of the API Endpoint Definition API associates API endpoints with a Kona Site Defender configuration to monitor security issues.

Learn more:

- Download this API's [RAML and JSON schema descriptors](#).

Overview

The API Endpoint Definition API lets you programmatically define a new API endpoint or update the definition of an existing API endpoint on Akamai.

Who should use this API

You can use this API if you need to programmatically define a new API endpoint or update the definition of an existing API endpoint on the Akamai platform. Note that this API does not modify any [Kona Site Defender](#) firewall policies that protect your API endpoints, but is a prerequisite to apply security (You use this API to define your API endpoint in order to configure protections for it).

You would typically deploy API traffic over the Akamai network on a pass-through basis, with your database requests bypassing the cache and going directly to your origin. Using Property Manager (or [PAPI](#)), you might even deploy a set of custom API hostnames for your customers.

This API lets you specify your API endpoints by hostname and base path, identify the set of expected URL resources and operations, and define the size and shape of the exchanged data objects. Use this API before your security team applies a [Kona Site Defender](#) firewall policy to your API endpoints.

This API's programmatic interface offers an alternative to [Akamai Control Center](#), where the same capabilities are available under the **Configure** ⇒ **Manage API Definitions** menu. Use this API to enable batch deployment for your own security-enabled APIs.

Get started

Before using this API for the first time:

- Review [Get Started with APIs](#) for details on how to set up client tokens to access any Akamai API. These tokens appear as custom hostnames that look like this:
`https://akzz-XXXXXXXXXXXXXXXXXX-XXXXXXXXXXXXXXXXXX.luna.akamaiapis.net.`
- To enable this API, choose the API service named **API Definition**, and set the access level to **READ-WRITE**.

Concurrency control

If more than one Endpoints API client accesses the same data at the same time, a simple locking mechanism prevents them from overwriting each other's data. When you GET an object such as an endpoint, resource, or category, the object features a `lockVersion` member that represents a time stamp of its most recent modification. When you modify and PUT back the object, the request fails if the `lockVersion` no longer matches that of the stored version of the object, which updates when someone else modifies the data. In that case, repeat the process of reading, modifying, and writing the object back.

Hypermedia

This API provides a pair of hypermedia mechanisms to guide client applications to navigate among available data. In any JSON object, a `link` member indicates the URL where the data is located, expressed as a server path with no hostname.

When performing operations to list collections of objects, you can retrieve the ID value of the relevant object to form a new request URL to select it, or simply make a call directly to the `link` URL. This example shows condensed data:

```
[
  {
    "apiResourceId": 123,
    "apiResourceName": "cloud security",
    "link": "/api-definitions/v1/endpoints/111/resources/123",
    "resourcePath": "/resources/security/{resourceId}"
  },
  {
    "apiResourceId": 125,
    "apiResourceName": "cloud security image",
    "link": "/api-definitions/v1/endpoints/111/resources/125",
    "resourcePath": "/resources/security-image/{resourceId}"
  }
]
```

When using pagination parameters to list endpoints, links hypermedia members also provide navigation href links to next and previous pages. The self link relation provides a link to the current set of results:

```
{
  "apiEndPoints": [
    { "apiEndPointId": 1234 },
    { "apiEndPointId": 1235 }
  ],
  "links": [
    {
      "href": "/api-definitions/v1/endpoints?pageSize=2&page=0",
      "rel": "previous"
    },
    {
      "href": "/api-definitions/v1/endpoints?pageSize=2&page=1",
      "rel": "self"
    },
    {
      "href": "/api-definitions/v1/endpoints?pageSize=2&page=2",
      "rel": "next"
    }
  ]
}
```

Resources

The API Endpoint Definition API allows you to programmatically define an API endpoint and its set of component resources. This API allows you to define request body and resource constraints so that you can enforce them separately as a whitelist in a [Kona Site Defender](#) firewall policy.

The following summarizes the objects with which you interact:

- An *endpoint* is a set of logically related API *resources*. See the [Endpoint](#) object.
- A *resource* is a URL pattern that responds to HTTP method calls for each API *operation*. See the [Resource](#) object.
- You can assign any number of overlapping *categories* to each endpoint. See the [Category](#) object.
- You provision API endpoint services under an Akamai *contract*, and also assign a Control Center portal *group*. The [AcgPair](#) object encapsulates this pairing of information.

NOTE: In the table below and for all other Akamai APIs, responsive URL patterns are commonly referred to as *endpoints*, not as *resources* as in this API. Within this API, an *endpoint* refers to a logical collection of resources.

API summary

Download the [RAML descriptors](#) for this API.

Operation	Method	Endpoint
Endpoints		
List Endpoints	GET	/api-definitions/v1/endpoints{?category, contains, contractId, groupId, page, pageSize, sortBy, sortOrder}
Create a New Endpoint	POST	/api-definitions/v1/endpoints
Create a New API Endpoint from a File Upload	POST	/api-definitions/v1/endpoints/files
Get an Endpoint	GET	/api-definitions/v1/endpoints/{apiEndPointId}
Modify an Endpoint	PUT	/api-definitions/v1/endpoints/{apiEndPointId}

Operation	Method	Endpoint
<u>Remove an Endpoint</u>	DELETE	/api-definitions/v1/endpoints/{apiEndPointId}
<u>Upload a File to Replace an Endpoint's Resources</u>	POST	/api-definitions/v1/endpoints/{apiEndPointId}/file
<u>List Resources</u>	GET	/api-definitions/v1/endpoints/{apiEndPointId}/resources
<u>Create a New Resource</u>	POST	/api-definitions/v1/endpoints/{apiEndPointId}/resources
<u>Get a Resource</u>	GET	/api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}
<u>Modify a Resource</u>	PUT	/api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}
<u>Remove a Resource</u>	DELETE	/api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}
<u>Categories</u>		
<u>List Categories</u>	GET	/api-definitions/v1/categories{?withUsageInfo}
<u>Create a New Category</u>	POST	/api-definitions/v1/categories
<u>Get a Category</u>	GET	/api-definitions/v1/categories/{apiCategoryId}
<u>Modify a Category</u>	PUT	/api-definitions/v1/categories/{apiCategoryId}
<u>Remove a Category</u>	DELETE	/api-definitions/v1/categories/{apiCategoryId}
<u>Contracts</u>		

Operation	Method	Endpoint
<u>List Contracts and Groups</u>	GET	/api-definitions/v1/contracts/groups
<u>List Hostnames</u>	GET	/api-definitions/v1/contracts/{contractId}/groups/{groupId}/hosts

List endpoints

Lists available API endpoints, with results optionally paginated, sorted, and filtered. If no APIs are available, the operation responds with an empty array.

<u>Request</u>	<u>Parameters</u>	<u>Response</u>	<u>Steps</u>
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GET /api-definitions/v1/endpoints{?category,contains,contractId,groupId,page,pageSize,sortBy,sortOrder}

Sample: /api-definitions/v1/endpoints?category=Site%20Delivery&contains=cloud%20security&contractId=1-xc789&groupId=67890&page=5&pageSize=50&sortBy=updateDate&sortOrder=asc

Create a new endpoint

Creates an empty new API endpoint service with no resources. The endpoint's name needs to be unique within the account.

<u>Request</u>	<u>Response</u>	<u>Steps</u>
----------------	-----------------	--------------

POST /api-definitions/v1/endpoints

Content-Type: application/json

Request Body:

```
{
  "securityScheme": {
    "securitySchemeId": null,
    "securitySchemeDetail": {
      "apiKeyName": "calculate_name",
      "apiKeyLocation": "query"
    },
    "securitySchemeDescription": "api key for security",
    "securitySchemeType": "apikey"
  },
  "apiEndPointScheme": "https",
  "description": "Provides information about membership benefits and available services.",
  "apiEndPointHosts": [
    "www.akamai.com",
    "www3.akamai.com"
  ],
}
```

Create a new API endpoint from a file upload

Create a new endpoint and set of resources based on an uploaded API descriptor file or URL link.

[Request](#)

[Parameters](#)

[Response](#)

[Steps](#)

POST /api-definitions/v1/endpoints/files

Content-Type: multipart/form-data

See **Parameters** for details on upload content.

Get an endpoint

Gets information about a specific endpoint.

[Request](#)

[Parameters](#)

[Response](#)

[Steps](#)

GET /api-definitions/v1/endpoints/{apiEndPointId}

Sample: /api-definitions/v1/endpoints/12892

Modify an endpoint

Update details about a specific endpoint.

Request

Parameters

Response

Steps

PUT /api-definitions/v1/endpoints/{apiEndPointId}

Sample: /api-definitions/v1/endpoints/12892

Content-Type: application/json

Request Body:

```
{
  "securityScheme": {
    "securitySchemeId": 12345,
    "securitySchemeDetail": {
      "apiKeyName": "calculate_name",
      "apiKeyLocation": "query"
    },
    "securitySchemeDescription": "api key for security",
    "securitySchemeType": "apikey"
  },
  "apiEndPointScheme": "https",
  "description": "Provides information about membership benefits and available services.",
  "apiEndPointHosts": [
    "www.akamai.com",
    "www3.akamai.com"
  ],
}
```

Remove an endpoint

Removes a specific API endpoint and all resources it contains.

Request

Parameters

Response

Steps

DELETE /api-definitions/v1/endpoints/{apiEndPointId}

Sample: /api-definitions/v1/endpoints/12892

Upload a file to replace resources in an endpoint

Replace an endpoint's resources based on an uploaded API descriptor file or URL link to a descriptor. This retains the endpoint's higher-level information such as name and ID, categories, security restrictions, and assigned hosts.

Request

Parameters

Response

Steps

POST /api-definitions/v1/endpoints/{apiEndPointId}/file

Sample: /api-definitions/v1/endpoints/12892/file

Content-Type: multipart/form-data

See **Parameters** for details on upload content.

List resources

Lists all resources defined for a given API endpoint.

Request

Parameters

Response

Steps

GET /api-definitions/v1/endpoints/{apiEndPointId}/resources

Sample: /api-definitions/v1/endpoints/12892/resources

Create a new resource

Create a new resource within an API endpoint service. The resource's full URL (concatenated hostname, basePath, and resourcepath) needs to be unique within the account.

Request

Parameters

Response

Steps

POST /api-definitions/v1/endpoints/{apiEndPointId}/resources

Sample: /api-definitions/v1/endpoints/12892/resources

Content-Type: application/json

Request Body:

```
[
  {
    "apiResourceMethodNameLists": [
      "GET",
      "POST"
    ],
    "description": "resource description",
    "lockVersion": 729179949,
    "apiResourceName": "cloud security",
    "resourcePath": "/resources/security/{resourceId}",
    "link": "/api-definitions/v1/endpoints/111/resources/123",
    "updateDate": "2013-10-07T17:41:52+0000",
    "createdBy": "rsingam",
    "updatedBy": "yauoid",
    "createDate": "2013-10-07T17:41:52+0000",
    "apiResourceId": 123
  },
]
```

Get a resource

Get a specific resource within an API endpoint service.

Request

Parameters

Response

Steps

GET /api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}

Sample: /api-definitions/v1/endpoints/12892/resources/7689

Modify a resource

Modify a specific resource within an API endpoint service.

Request

Parameters

Response

Steps

PUT /api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}

Sample: /api-definitions/v1/endpoints/12892/resources/7689

Content-Type: application/json

Request Body:

```
[
  {
    "apiResourceMethodNameLists": [
      "GET",
      "POST"
    ],
    "description": "resource description",
    "lockVersion": 729179949,
    "apiResourceName": "cloud security",
    "resourcePath": "/resources/security/{resourceId}",
    "link": "/api-definitions/v1/endpoints/111/resources/123",
    "updateDate": "2013-10-07T17:41:52+0000",
    "createdBy": "rsingam",
    "updatedBy": "yauoid",
    "createDate": "2013-10-07T17:41:52+0000",
    "apiResourceId": 123
  },
]
```

Remove a resource

Remove a resource from within an API endpoint service.

Request

Parameters

Response

Steps

DELETE /api-definitions/v1/endpoints/{apiEndPointId}/resources/{apiResourceId}

Sample: /api-definitions/v1/endpoints/12892/resources/7689

List categories

List all categories available to assign to API endpoints, and optionally indicate the number of APIs tagged under each category.

Request

Parameters

Response

Steps

GET /api-definitions/v1/categories{?withUsageInfo}

Sample: /api-definitions/v1/categories?withUsageInfo=true

Create a new category

Create a new category with which to tag API endpoints. The request's `apiCategoryName` needs to be unique per account.

Request

Response

Steps

POST /api-definitions/v1/categories

Content-Type: application/json

Request Body:

```
{
  "apiCategoryDescription": "web performance apis",
  "apiCategoryName": "Web Performance"
}
```

Get a category

Get a specific category used to tag API endpoints.

Request

Parameters

Response

Steps

GET /api-definitions/v1/categories/{apiCategoryId}

Sample: /api-definitions/v1/categories/13

Modify a category

Update a category's description or unique name.

Request

Parameters

Response

Steps

PUT /api-definitions/v1/categories/{apiCategoryId}

Sample: /api-definitions/v1/categories/13

Content-Type: application/json

Request Body:

```
{
  "apiCategoryDescription": "web media delivery apis",
  "createdBy": "rdslj@akamai.com",
  "lockVersion": 139793907,
  "apiCategoryId": 13,
  "link": "/api-definitions/v1/categories/13",
  "updateDate": "2013-10-07T17:41:52+0000",
  "apiCategoryName": "Media Delivery",
  "updatedBy": "rajdj@akamai.com",
  "createDate": "2013-10-07T17:41:52+0000"
}
```

Remove a category

Removes a category that is not assigned to any API endpoints. If the category is assigned to an API, the operation responds with a 403 error.

Request

Parameters

Response

Steps

DELETE /api-definitions/v1/categories/{apiCategoryId}

Sample: /api-definitions/v1/categories/13

List contracts and groups

Each API endpoint is provisioned within the context of your contract with Akamai and a Control Center portal group. This operation lists AcgPair objects. These encapsulate pairings of contract and group identifiers available within the scope of the user who provisioned the API token, as described in Get started.

Request

Response

GET /api-definitions/v1/contracts/groups

List hostnames

List any hostnames for which users can access an endpoint service under a given contract and group pairing. Use Property Manager (or PAPI) to create new hostnames to make available to users.

Request

Parameters

Response

Steps

GET /api-definitions/v1/contracts/{contractId}/groups/{groupId}/hosts

Sample: /api-definitions/v1/contracts/3-1Cgoa/groups/67890/hosts

Data

This section provides details for each type of data object the API exchanges.

The object tables below reflect the same membership requirements as in JSON schema. For a data member to be marked *required*, it either must be provided in request objects, or is always present in response objects:

- ✓ Member is required to be present in all interaction contexts, regardless of whether the value is empty or null.
- Member is optional, and may be omitted in some contexts.

Download this API's [JSON schemas](#).

EndpointList

This object provides a contextual wrapper to reflect details about the initial request for a collection of endpoints.

EndpointList members

Member	Type	Required	Description
apiEndpoints	Endpoint Array	✓	Each Endpoint reported in the collection.
page	Integer	✓	Reflects the requested page number index.
pageSize	Integer	✓	Reflects the requested number of API endpoints on each page of results.
totalSize	Integer	✓	The total number of API endpoints available in the reported set.

Endpoint

Encapsulates an endpoint.

Sample GET:

```
{
  "securityScheme": {
    "securitySchemeId": 12345,
    "securitySchemeDetail": {
      "apiKeyLocation": "query",
      "apiKeyName": "calculate_name"
    },
    "securitySchemeDescription": "api key for security",
    "securitySchemeType": "apikey"
  },
  "apiEndPointName": "Membership Benefits",
  "apiEndPointScheme": "https",
  "description": "Provides information about membership benefits and available services.",
  "apiEndPointId": 1234,
  "apiCategoryIds": [
    123,
```

Endpoint members

Member	Type	Required	Description
akamaiSecurityRestrictions	<u>Endpoint</u> . <u>akamaiSecurityRestrictions</u>	○	Collects various restrictions apply to the endpoint.
apiCategoryIds	Array	○	A list of <u>Category</u> identifiers that apply to this endpoint. Value may be null rather than an empty array for uncategorized endpoints.

Member	Type	Required	Description
apiEndPointHosts	Array	○	A list of hostname strings that may receive traffic for the API. Value may be null rather than empty array for disabled APIs.
apiEndPointId	Integer	○	Read-only. Unique identifier for each endpoint.
apiEndPointName	String	✓	A name for the API service.
apiEndPointScheme	Enumeration	○	The URL scheme to which the endpoint may respond, either http, https or http/https for both.
apiResourceBaseInfo	<u>Resource</u> Array	○	Encapsulate each <u>Resource</u> the API endpoint supports.

Member	Type	Required	Description
basePath	String	○	The URL path that serves as a root prefix for all resources' resourcePath values, / if empty. Do not append a / character to the path.
consumeType	Enumeration	○	The content type the endpoint exchanges, either json, xml, json/xml for dual-format APIs any, or none
contractId	String	✓	Read-only. Unique identifier for the contract with Akamai under which security for this API is provisioned

Member	Type	Required	Description
createDate	String	○	Read-only. ISO-6801 timestamp string indicating when the endpoint was initially created.
createdBy	String	○	Identifies who initially created the endpoint.
description	String	○	A description for the API service.
groupId	Integer	✓	Read-only. Unique identifier for the group in Control Center under which security for this API is provisioned.
lockVersion	Number	○	The updateDate expressed as epoch milliseconds used for optimistic locking. See Concurrency Control for details.

Member	Type	Required	Description
securityScheme	<u>Endpoint.securityScheme</u>	○	Encapsulate information about the k with which users may access the API.
updateDate	String	○	Read-only. ISO-6801 timestamp string indicating when the endpoint was most recently modified.
updatedBy	String	○	Identifies who last modified the endpoint.
Endpoint.akamaiSecurityRestrictions: Collects various restrictions to apply to the endpoint			
MAX_BODY_SIZE	Integer	○	Maximum size of the data payload.
MAX_DOC_DEPTH	Integer	○	Maximum depth of nested data elements.
MAX_ELEMENT_NAME_LENGTH	Integer	○	Maximum length of an XML element name or JSON object key name.

Member	Type	Required	Description
MAX_INTEGER_VALUE	Integer	○	Maximum numeric value within any exchanged data.
MAX_JSONXML_ELEMENT	Integer	○	Maximum allowed number of XML elements, or JSON object keys or array items.
MAX_STRING_LENGTH	Integer	○	Maximum length of a string value in a POST body.
POSTIVE_SECURITY_ENABLED	Enumeration	○	A numeric enumeration. When set to 1, allows specified body constraints and the set defined resources to reflect as a Kona Site Defender whitelist policy. Otherwise set to 0 to disable.

Endpoint.securityScheme: Encapsulates information about the key with which users may access the API.

Member	Type	Required	Description
securitySchemeDescription	String	○	Descriptive text to administer the security scheme.
securitySchemeDetail	<u>Endpoint.securityScheme.securitySchemeDetail</u>	✓	Read-only. An object that locates and identifies the API key.
securitySchemeId	Integer	○	Read-only. Unique identifier for each security scheme.
securitySchemeType	Enumeration	✓	Identifies the type of security scheme, for which currently the only valid value is apikey.

Endpoint.securityScheme.securitySchemeDetail: An object that locates and identifies the API key.

apiKeyLocation	Enumeration	○	Identifies from where to extract the apiKeyName value, either header or a query parameter.
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Member	Type	Required	Description
apiKeyName	String	○	The name of the header query parameter that serves the API key

Resource

Encapsulates each [Resource](#) the API endpoint supports.

Sample GET:

```
[
  {
    "apiResourceMethodNameLists": [
      "GET",
      "POST"
    ],
    "description": "resource description",
    "lockVersion": 729179949,
    "apiResourceName": "cloud security",
    "resourcePath": "/resources/security/{resourceId}",
    "link": "/api-definitions/v1/endpoints/111/resources/123",
    "updateDate": "2013-10-07T17:41:52+0000",
    "createdBy": "rsingam",
    "updatedBy": "yauoid",
    "createDate": "2013-10-07T17:41:52+0000",
    "apiResourceId": 123
  },
]
```

Resource members

Member	Type	Required	Description
apiResourceId	Integer	○	Read-only. Unique identifier for each resource.

Member	Type	Required	Description
apiResourceMethods	<u>Resource.</u> <u>apiResourceMethods[]</u>	○	Encapsulates information about the HTTP methods to which each resource may respond.
apiResourceName	String	✓	A name for the resource.
createDate	String	○	Read-only. ISO-6801 timestamp string indicating when the resource was initially created.
createdBy	String	○	Identifies who initially created the resource.
description	String	○	A description to clarify the resource's function within the API.
link	String	○	The location of the navigable resource within this API, for use by API clients. See Hypermedia for details.
lockVersion	Number	○	The updateDate expressed as epoch milliseconds, used for optimistic locking. See Concurrency Control for details.

Member	Type	Required	Description
resourcePath	String	✓	The URL template pattern, relative to the API's basePath, to which this resource responds.
updateDate	String	○	Read-only. ISO-6801 timestamp string indicating when the resource was most recently modified.
updatedBy	String	○	Identifies who last modified the resource.
Resource.apiResourceMethods[]: Encapsulates information about the HTTP methods to which each resource may respond.			
apiResourceMethod	Enumeration	✓	The core HTTP method to which this resource may respond, either get, put, post, delete, head, patch, or options.
apiResourceMethodId	Integer	○	Read-only. A unique identifier generated for each resource's allowed method.

Category

This object encapsulates a category of APIs.

Sample GET:

```
{
  "apiCategoryDescription": "web media delivery apis",
  "apiCategoryName": "Media Delivery",
  "lockVersion": 139793907,
  "apiCategoryId": 13,
  "link": "/api-definitions/v1/categories/13",
  "updateDate": "2013-10-07T17:41:52+0000",
  "createdBy": "rdslj@akamai.com",
  "updatedBy": "rajdj@akamai.com",
  "createDate": "2013-10-07T17:41:52+0000"
}
```

Category members

Member	Type	Required	Description
apiCategoryDescription	String	○	A description of the category, which may help tag related APIs.
apiCategoryId	Integer	○	Read-only. Unique identifier for each category.
apiCategoryName	String	✓	The name of the category, which needs to be unique per account. Writing an empty value reflects back as an <code>__UNCATEGORIZED__</code> keyword.
createDate	String	○	Read-only. ISO-6801 timestamp string indicating when the category was initially created.
createdBy	String	○	Identifies who initially created the category.
link	String	○	The location of the navigable resource within this API, for use by API clients. See Hypermedia for details.
lockVersion	Number	○	The updateDate expressed as epoch milliseconds, used for optimistic locking. See Concurrency Control for details.

Member	Type	Required	Description
updateDate	String	○	Read-only. ISO-6801 timestamp string indicating when the category was most recently modified.
updatedBy	String	○	Identifies who last modified the category.
usageCount	Integer	○	The number of endpoints that share this category.

Method

Encapsulates information about the HTTP methods to which each resource may respond.

Method members

Member	Type	Required	Description
apiResourceMethod	Enumeration	✓	The core HTTP method to which this resource may respond, either get, put, post, delete, head, patch, or options.
apiResourceMethodId	Integer	○	Read-only. A unique identifier generated for each resource's allowed method.

AcgPair

Encapsulates a pairing of contract and group under which to provision security for an API endpoint.

Sample GET:

```
[
  {
    "contractId": "3-1Cgoa",
    "displayName": "xxxx-3-1Cgoa - 3-1Cgoa",
    "acgId": "3-1Cgoa",
    "groupId": 58220
  },
  {
    "contractId": "3-1Cgoa",
    "displayName": "Dev Team - 3-1Cgoa",
    "acgId": "3-1Cgoa.G75683",
    "groupId": 75683
  }
]
```

AcgPair members

Member	Type	Required	Description
acgId	String	○	Unique identifier for each pairing of contract and group.
contractId	String	○	Unique identifier for the Akamai contract within the pairing.
displayName	String	○	A descriptive name for the pairing of contract and group.
groupId	Number	○	Unique identifier for the group within the pairing.

Errors

This section provides details on the data object that reflects the API's common response to error cases, and lists the API's range of response status codes for both error and success cases.

Error responses

When the API encounters a problem, it responds with an object that adheres to the [HTTP Problem Details](#) standard. This sample shows an authorization error, where the `type` values is a non-navigable URI, and the `instance` may be useful if you need to communicate about the problem with your Akamai support representative:

```
{
  "type": "https://problems.luna.akamaiapis.net/api-definitions/error-types/UNAUTHORIZED",
  "title": "Unauthorized Access/Action",
  "status": 403,
  "detail": "You don't have access to the end point.",
  "instance": "https://problems.luna.akamaiapis.net/api-definitions/error-instances/d54686b5-21cb-4ab7-a8d6-a92282cf1749"
}
```

HTTP status codes

The following lists the full range of response codes the API may generate:

Code	Description
<u>200</u>	The operation was successful.
<u>201</u>	Resource successfully created.
<u>204</u>	Successfully processed request.
<u>400</u>	Bad Request.
<u>401</u>	Authentication failure.
<u>403</u>	Access is forbidden.
<u>404</u>	Resource not found.
<u>405</u>	Method not supported.
<u>409</u>	Conflict with current state of resource.
<u>412</u>	An Etag or If-Match header does not match, indicating the content has been modified. See Concurrency Control for more information.
<u>500</u>	Internal server error.

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