

Retrieve a Schema 2.0

Retrieve a Schema

This method is used to get a specific schema.

Method

GET

URL

[https://cms-api.phunware.com/v2.0/schemas/\[id\]](https://cms-api.phunware.com/v2.0/schemas/[id])

Headers

In order to provide CME with the JWT, you must provide a header named Authorization and the token must be prefixed with the word Bearer.

Key	Authorization
Value	Bearer eyJ0eXAiOiJKV1QiLCJhbGciOiJIUzI1NiJ9.eyJpZCI6MTY3NCwiZW1haWwiOiJvcmdvd25lckBjeWJhZ2UuY29tliwiZmlyc3RfbmFtZSI6IkN5ImFnZSIsImxhc3RfbmFtZSI6Ik9yZyBPd25lciIsIm9yZ3MiOiJtdLCJzZXNzaW9uX2lkIjoiNzk3ZWVjNmY2Mjk5Y2JmYmEyODE3NDhMGFIZjI0YmNhNmZmODM0NSIsIm9yZ19pZCI6NTEsIm9yZ19uYW1lIjoiQ3liYWdlIiEiNSZWFuIiwiaWF0IjoxNDg4MjI0ODY0LCJleHAiOiJlE0ODgzMTYyNjR9.Vd7BCYEkeWOq2B3_3Np9yYDwYaAWyE1-e4ZvClvK4E

Request

None

Parameters

Example Request

```
GET
https://cms-api.phunware.com/v2.0/schemas/587f99bdb2740a466376637f
```

Response

Parameters

Parameter	Value	Description
id	string	System-assigned schema identifier
orgId	integer	System-assigned identifier for the org entity that owns the schema records.
name	string	The name of the schema. We recommend a unique string to help differentiate this schema from other schemas.

description	string	Description of the schema.						
tags	array	An array containing the list of tags (string). Tags are useful for organizing the containers into groups.						
attributes	object	An array of static key / value pairs that will be merged with the dynamic schema field content.						
fields	array	<p>An array of objects, where each object is a field definition. The possible keys for each object are:</p> <table border="1"> <thead> <tr> <th>Field</th> <th>Type</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>attributes</td> <td>object</td> <td>Contains the field-specific attributes. For example, when the type is "select Single", this will contain a key / value pair where the key is "options" and the value is an object of value / label pairs. Possible values depend on the type:</td> </tr> </tbody> </table>	Field	Type	Description	attributes	object	Contains the field-specific attributes. For example, when the type is "select Single", this will contain a key / value pair where the key is "options" and the value is an object of value / label pairs. Possible values depend on the type:
Field	Type	Description						
attributes	object	Contains the field-specific attributes. For example, when the type is "select Single", this will contain a key / value pair where the key is "options" and the value is an object of value / label pairs. Possible values depend on the type:						

- options (object): A key / value pair where the key is the option value and the value is the option label. Used for the following types: select Single, select Multi.

description	string	An optional description to describe the usage of this field
field	string	A unique key to reference this field by
isRequired	Boolean	Specifies whether this field is required. Default value: false
isTitleKey	Boolean	Specifies whether this field should be used as the title. Default value: false
label	string	The label used for display purposes

type	string	<p>Specifies the type of field.</p> <ul style="list-style-type: none"> • Default value: "textSingle" • Possible values: See Schema Field Types 				
validations	object	<p>An object containing the validation rules. Possible values depend on the type:</p> <table border="1" data-bbox="1380 1365 1461 1963"> <thead> <tr> <th data-bbox="1388 1375 1421 1407">Field</th> <th data-bbox="1421 1375 1461 1407">Desc:</th> </tr> </thead> <tbody> <tr> <td data-bbox="1388 1417 1421 1963">Integer</td> <td data-bbox="1421 1417 1461 1963">If the integer is greater than the integer returned by the object's integer property.</td> </tr> </tbody> </table>	Field	Desc:	Integer	If the integer is greater than the integer returned by the object's integer property.
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Integer	If the integer is greater than the integer returned by the object's integer property.					

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of valid values. Used for the following types:

•

createAt	string	Date and time the schema record was created.
updatedAt	string	Date and time that the schema record was last updated.

Response

See [CME API Response Handling](#) for error payloads.

A successful response will have a 200 status code and a body containing an object with schema data.

```
{ "data":
  {
    "id": <string>,
    "orgId": <integer>,
    "name": <string>,
    "description": <string>,
    "tags":
      [
        <string>,
        <string>,
        ...
      ],
    "attributes":
      {
        "<field1>": <value1>,
        "<field2>": <value1>,
        ...
      },
    "fields":
      [
        {
          "field": <string>,
          "label": <string>,
          "type": <string>,
          "isTitleKey": <Boolean>,
          "isRequired": <Boolean>,
          "description": <string>,
          "validations": <object>
        },
        ...
      ],
    "createdAt": <string>,
    "updatedAt": <string>
  }
}
```

Example Response

```
{ "data":
{
  "id": "587f99bdb2740a466376637f",
  "orgId": 51,
  "name": "The Legend of Zelda",
  "description": "Created by Sandman",
  "tags":
  [
    "Zelda"
  ],
  "attributes":
  {
    "Skyward Sword": Wii
  },
  "fields":
  [
    {
      "field": "Field 1",
      "label": "Label 1",
      "type": "number",
      "isTitleKey": yes,
      "isRequired": yes,
      "description": "Description 1"
    }
  ],
  "createdAt": "1986-02-21T12:45:00Z",
  "updatedAt": "2013-11-22T12:45:00Z"
}
}
```