

CASMI - Instructions

1. Log in and obtain an ID Token to interact with CASMI APIs

[References : [Login \(Swagger\)](#) | [Login \(Postman\)](#)]

POST /users/login

http://65.2.95.180/api/v1/users/login

LOGIN AS AN EXISTING USER

Request body description

Parameter	Type	Description
username	string	Username
password	string	password

Example Request

```
var request = require('request');
var options = {
  'method': 'POST',
  'url': 'http://65.2.95.180/api/v1/users/login',
  'headers': {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify({
    "username": "username@casm",
    "password": "password"
  })
};
request(options, function(error, response, body) {
  // ...
});
```

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Responses

Code	Description
200	Success

Media type

application/json ▼

Controls Accept header.

Example Value | Schema

```
{
  "success": true,
  "user": {
    "uid": 0,
    "name": "string",
    "username": "string",
    "id_token": "string"
  }
}
```

2. View supported cloud providers

[References : [View providers \(Swagger\)](#) | [View providers \(Postman\)](#)]

GET /providers 🔒

http://65.2.95.180/api/v1/providers

GET DETAILS OF ALL PROVIDERS

Allowed access: [admin, user]

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://65.2.95.180/api/v1/providers',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
});
```

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← → ↻ ⚠ Not Secure | 65.2.95.180/docs/#/Providers/get_providers

Responses

Code	Description
200	Success

Media type
application/json ▼

Controls Accept header.

Example Value | Schema

```
{
  "success": true,
  "providers": [
    {
      "id": 0,
      "code": "string",
      "public_name": "string"
    }
  ]
}
```

3. Use an existing space/Create a new space configured to work with the supported cloud providers

[References : [View spaces \(Swagger\)](#) | [View spaces \(Postman\)](#) | [Create space \(Swagger\)](#) | [Create space \(Postman\)](#)]

GET /spaces 🔒

http://65.2.95.180/api/v1/spaces

GET DETAILS OF ALL SPACES

Allowed access: [admin, user]

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://65.2.95.180/api/v1/spaces',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
});
```

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Responses

Code	Description
200	Success

Media type

application/json ▼

Controls Accept header.

Example Value | Schema

```
{
  "success": true,
  "spaces": [
    {
      "id": 0,
      "name": "string",
      "providers": [
        "string"
      ]
    }
  ]
}
```

POST /spaces

http://65.2.95.180/api/v1/spaces

CREATE A NEW SPACE

Allowed access: [admin]

Request body description

Parameter	Type	Description
name	string	Unique name for the space. Should only contain smallcase letters, digits and hyphens. For example: 'exl-demo-1'
provider_ids	integer array	List of provider IDs to associate the space with (Refer /providers)
default_secrets	boolean	true to use default provider secrets, false to provide custom provider secrets
secrets	json	Custom cloud provider secrets (Refer /secrets/template)

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var options = {
  'method': 'POST',
  'url': 'http://65.2.95.180/api/v1/spaces',
  'headers': {
    'Content-Type': 'application/json'
  },
  body: JSON.stringify({
    "name": "exl-demo-5",
    "provider_ids": [
```

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Responses

Code Description

201

Created new space.

Media type

application/json



Controls Accept header.

Example Value | Schema

```
{
  "success": true,
  "space_id": 0
}
```

4. Lookup the available stores corresponding to the spaces

[References : [View stores \(Swagger\)](#) | [View stores \(Postman\)](#)]

GET /stores 🔒

http://65.2.95.180/api/v1/stores

GET DETAILS OF ALL STORES

Allowed access: [admin, user]

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://65.2.95.180/api/v1/stores',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(e
    console.log(response.body);
  });
});
```

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Responses

Code	Description
200	Success

Media type
application/json ▼

Controls Accept header.

Example Value | Schema

```
{
  "success": true,
  "stores": [
    {
      "id": 0,
      "file_count": 0,
      "space_id": 0,
      "space": "string",
      "provider_id": 0,
      "provider": "string"
    }
  ]
}
```

5. Upload files to existing stores

[References : [Upload file \(Swagger\)](#) | [Upload file \(Postman\)](#)]

POST /files/upload 🔒

http://65.2.95.180/api/v1/files/upload

UPLOAD A FILE

Allowed access: [admin, user]

Request body description

Parameter	Type	Description
file	file	File to be uploaded. (5MB size limit)
store_id	string	ID of store to which the file should be uploaded to. (Refer /stores API)
destination	string	Path to which the file should be uploaded to within the store. Eg: '/', '/images', '/event/images'

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var fs = require('fs');
var options = {
  'method': 'POST',
  'url': 'http://65.2.95.180/api/v1/files/upload',
  'headers': {
  },
  formData: {
    'file': {
      'value': fs.createReadStream('/path/to/file'),
    }
  }
};
```

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Responses

Code	Description
201	<p>Created new file.</p> <p>Media type</p> <div>application/json ▼</div> <p>Controls Accept header.</p> <p>Example Value Schema</p> <pre>{ "success": true, "file_id": 0 }</pre>

6. View files and their IDs

[References : [View files \(Swagger\)](#) | [View files \(Postman\)](#)]

GET /files

http://65.2.95.180/api/v1/files

GET DETAILS OF ALL FILES

Allowed access: [admin, user, guest]

AUTHORIZATION Bearer Token

Token <token>

Example Request

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://65.2.95.180/api/v1/files',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
});
```

[View More](#)

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Responses

Code	Description
200	Success

Media type

application/json ▾

Controls [Accept header](#).

[Example Value](#) | [Schema](#)

```
{
  "success": true,
  "files": [
    {
      "id": 0,
      "name": "string",
      "size": 0,
      "provider_key": "string",
      "folder_id": 0,
      "store_id": 0,
      "space_id": 0,
      "space": "string",
      "provider_id": 0,
      "provider": "string"
    }
  ]
}
```

7. Download files by their ID

[References : [Download file \(Swagger\)](#) | [Download file \(Postman\)](#)]

GET /files/:id/download

http://65.2.95.180/api/v1/files/:id/download

DOWNLOAD A FILE
Allowed access: [admin, user, guest]

AUTHORIZATION Bearer Token

Token	<token>
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PATH VARIABLES

id	1
	File ID (integer)

Example Request

```
var request = require('request');
var options = {
  'method': 'GET',
  'url': 'http://65.2.95.180/api/v1/files/1/download',
  'headers': {
  }
};
request(options, function (error, response) {
  if (error) throw new Error(error);
  console.log(response.body);
});
```

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