


# Sector 1.0.0 OAS 3.0

/v1/swagger.json

The Rest-like API for the Sector application.

Authorize 

Misc. ^

GET /v1/api/ Root Endpoint  ^


Parameters 

Try it out

No parameters

Responses

Code	Description	Links
200	<div>Success</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>{ }</div>	No links

GET /v1/api/health Health Check  ^

Parameters 

Try it out

No parameters

Responses

Code	Description	Links
200	API is healthy	No links
	Media type	
	text/plain	
	Controls Accept header.	
	Example Value	Schema
	string	

Account



POST /v1/api/account/ Create an account



Parameters

Try it out

No parameters

Request body required

application/json

Account details to add.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.290Z",
  "id": "550e8400-e29b-41d4-a716-446655440000",
  "profile_pic": "string",
  "pubkey": "string",
  "username": "John Doe"
}
```

Responses

Code

Description

Links

201

Account creation successful.

Media type

application/json

Controls Accept header.



Example ValueSchema

```
{  "created_at": "2025-04-21T08:35:15.291Z",  "id": "550e8400-e29b-41d4-a716-446655440000",  "profile_pic": "string",  "pubkey": "string",  "username": "John Doe"}
```

No links

POST/v1/api/account/search

Search for accounts satisfying various properties.



Parameters

Try it out

No parameters

Request body required

application/json

Account searching parameters.

Example ValueSchema

```
{  "from": "2025-04-21T08:35:15.292Z",  "id": [    "3fa85f64-5717-4562-b3fc-2c963f66afa6"  ],  "until": "2025-04-21T08:35:15.292Z",  "username": "string"}
```

Responses

Code

Description

Links

200

Query completed successfully.

Media type

application/json



No links

Code	Description	Links
	Controls <b>Accept</b> header.	
	<div>Example ValueSchema</div> <pre>[   {     "created_at": "2025-04-21T08:35:15.292Z",     "id": "550e8400-e29b-41d4-a716-446655440000",     "profile_pic": "string",     "pubkey": "string",     "username": "John Doe"   } ]</pre>	

DELETE

/v1/api/account/{id}

Delete Account By ID



Parameters

Try it out

Name	Description
<b>id</b> * required string(\$uuid) (path)	ID of account to delete. <div>550e8400-e29b-41d4-a716-446655440000</div>



Responses

Code	Description	Links
204	Account was deleted.	No links

GET

/v1/api/account/{id}

Get Account By ID



Parameters

Try it out

Name	Description
<b>id</b> * required string(\$uuid) (path)	ID of account to get. <div>550e8400-e29b-41d4-a716-446655440000</div>

Responses

Code	Description	Links
200	Account with specified ID.  Media type <div>application/json</div> Controls Accept header.  Example Value   Schema  <pre>{   "created_at": "2025-04-21T08:35:15.293Z",   "id": "550e8400-e29b-41d4-a716-446655440000",   "profile_pic": "string",   "pubkey": "string",   "username": "John Doe" }</pre>	No links

PUT   /v1/api/account/{id}   Update Account By ID



Parameters

Try it out

Name	Description
<b>id</b> * required string(\$uuid) (path)	ID of account to update. <div>550e8400-e29b-41d4-a716-446655440000</div>

Request body   required

application/json

Account details to add.

Example Value   Schema

```
{  
  "profile_pic": "string",  
  "username": "John Doe"  
}
```

Responses

Code	Description	Links
200	Updated account with specified ID. <div>Media type<div>application/json</div>Controls <b>Accept</b> header.<div>Example Value   Schema</div><pre>{  "created_at": "2025-04-21T08:35:15.295Z",  "id": "550e8400-e29b-41d4-a716-446655440000",  "profile_pic": "string",  "pubkey": "string",  "username": "John Doe"}</pre></div>	No links

# Authentication



GET   /v1/api/challenge   Get login challenge

Parameters

Try it out

Name	Description
<b>username</b> * required string (query)	<div>username</div>

Responses

Code	Description	Links
200	<div>Challenge issued</div> <div>Media type</div> <div><div>application/json</div></div> <div>Controls <b>Accept</b> header.</div> <div><div>Example Value</div><div>Schema</div></div> <div><div>{</div><div>"challenge": "string"</div><div>}</div></div>	No links

POST

/v1/api/login

Login using signed challenge

Parameters

Try it out

No parameters

Request body

required

application/json

Example Value

Schema

```
{
  "signature": "string",
  "username": "string"
}
```

Responses

Code	Description	Links
200	Token issued	No links

Media type

application/json

Controls Accept header.

Example Value

Schema

```
{
  "token": "string"
}
```

# Channel

POST

/v1/api/channel/search

Search for channels satisfying various properties.

Parameters

Try it out

No parameters

Request body

required

application/json

Channel searching parameters.



Example Value Schema

```
{
  "from": "2025-04-21T08:35:15.297Z",
  "group": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "id": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Main",
  "until": "2025-04-21T08:35:15.297Z"
}
```

Responses

Code	Description	Links
200	<div>Query completed successfully.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example Value Schema</div> <div>[ { "created_at": "2025-04-21T08:35:15.298Z", "description": "General conversations go here.", "group": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "name": "Main" } ]</div>	No links

POST /v1/api/group/{groupId}/channel/ Create a channel within a group

lock icon up arrow icon

Parameters

Try it out

Name	Description
<div>groupId * required</div> <div>string(\$uuid)</div> <div>(path)</div>	<div>ID of group to make channel for.</div> <div>groupId</div>

Request body required

application/json

Channel details to add.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.299Z",
  "description": "General conversations go here.",
  "group": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "name": "Main"
}
```

Responses

Code	Description	Links
201	Channel creation successful.	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.301Z",
  "description": "General conversations go here.",
  "group": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "name": "Main"
}
```

DELETE

/v1/api/group/{groupId}/channel/{channelId}  
Delete Channel in Group By ID



Parameters

Try it out

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to delete channel from. <div>groupId</div>
<b>channelId</b> * required string(\$uuid) (path)	ID of channel to delete. <div>channelId</div>

Responses

Code	Description	Links
204	Channel with specified ID deleted.	No links

GET /v1/api/group/{groupId}/channel/{channelId} Get Channel in Group By ID



Parameters

Try it out

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to get channel from. <div>groupId</div>
<b>channelId</b> * required string(\$uuid) (path)	ID of channel to get. <div>channelId</div>

Responses

Code	Description	Links
200	Channel with specified ID.	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.304Z",
  "description": "General conversations go here.",
  "group": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "name": "Main"
}
```

PUT /v1/api/group/{groupId}/channel/{channelId} Update Channel in Group By ID



Parameters

Try it out

NameDescription

groupId

\*

required

ID of group to update channel from.

string(\$uuid)

(path)

groupId

channelId

\*

required

ID of channel to update.

string(\$uuid)

(path)

channelId

Request body

required

application/json

Channel details to add.

Example ValueSchema

```
{
  "description": "string",
  "name": "string"
}
```

Responses

Code	Description	Links
201	<div>Updated Channel with specified ID.</div> <div>Media type</div> <div>application/json</div> <div>Controls Accept header.</div> <div>Example ValueSchema</div> <div><pre>{   "created_at": "2025-04-21T08:35:15.305Z",   "description": "General conversations go here.",   "group": "3fa85f64-5717-4562-b3fc-2c963f66afa6",   "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",   "name": "Main" }</pre></div>	No links

Group

POST /v1/api/group/ Create a group

Parameters

Try it out

No parameters

Request body required

application/json

Group details to add.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.306Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

Responses

Code	Description	Links
201	Group creation successful.	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "created_at": "2025-04-21T08:35:15.307Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

POST /v1/api/group/search Search for groups satisfying various properties.



Parameters

Try it out

No parameters

Request body required

application/json

Group searching parameters.

Example Value Schema

```
{
  "from": "2025-04-21T08:35:15.308Z",
  "id": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "members": [
    "3fa85f64-5717-4562-b3fc-2c963f66afa6"
  ],
  "name": "Testing",
  "until": "2025-04-21T08:35:15.308Z"
}
```

Responses

Code	Description	Links
200	Query completed successfully.	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
[
  {
    "created_at": "2025-04-21T08:35:15.308Z",
    "description": "This is a testing group.",
    "id": "",
    "members": [
      "550e8400-e29b-41d4-a716-446655440000"
    ],
    "name": "Testing Group"
  }
]
```

DELETE /v1/api/group/{groupId} Delete Group By ID



Parameters

Try it out

Name	Description
groupId <span>* required</span>	ID of group to delete.
string(\$uuid)	

Name

Description

(path)

550e8400-e29b-41d4-a716-446655440000

Responses

Code

Description

Links

204



Group was deleted.

No links

GET

/v1/api/group/{groupId}

Get Group By ID



Parameters

Try it out

Name

Description

groupId \* required

string(\$uuid)

(path)

ID of group to get.

550e8400-e29b-41d4-a716-446655440000

Responses

Code

Description

Links

200

Group with specified ID.

Media type

application/json

Controls Accept header.

Example Value



Schema

```
{
  "created_at": "2025-04-21T08:35:15.309Z",
  "description": "This is a testing group.",
  "id": "",
  "members": [
    "550e8400-e29b-41d4-a716-446655440000"
  ],
  "name": "Testing Group"
}
```

No links

PUT

/v1/api/group/{groupId} Update Group By ID



Parameters

Try it out

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to update.

groupId

Request body required

application/json

Group details to add.

Example Value Schema

```
{  "description": "string",  "name": "string"}
```

Responses

Code	Description	Links
201	Updated group with specified ID.	No links

Media type

application/json



Controls Accept header.

Example Value Schema

```
{  "created_at": "2025-04-21T08:35:15.311Z",  "description": "This is a testing group.",  "id": "",  "members": [    "550e8400-e29b-41d4-a716-446655440000"  ],  "name": "Testing Group"}
```

DELETE

/v1/api/group/{groupId}/members/{memberId} Remove member from a group



Parameters



[Try it out](#)

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to remove member from.
<b>memberId</b> * required string(\$uuid) (path)	ID of member to remove.

POST

</v1/api/group/{groupId}/members/{memberId}>

Add new member to a group



Parameters

[Try it out](#)

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to add member to.
<b>memberId</b> * required string(\$uuid) (path)	ID of member to add.

## Message



POST

</v1/api/group/{groupId}/channel/{channelId}/message>

Create a message within a channel



Parameters

[Try it out](#)

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to get channel from.
<b>channelId</b> * required string(\$uuid) (path)	ID of channel to get.

Request body required

application/json

Message details to add.

Example Value Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "channel": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "created_at": "2025-04-21T08:35:15.313Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "pinned": true
}
```

Responses

Code	Description	Links
201	Message creation successful.	No links

Media type

application/json

Controls Accept header.

Example Value Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "channel": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "created_at": "2025-04-21T08:35:15.314Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "pinned": true
}
```

DELETE

/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}  
Delete Message in Channel By ID



Parameters

Try it out

Name	Description
groupId <span>* required</span> string(\$uuid) (path)	ID of group to update message from. <div>groupId</div>
channelId <span>* required</span> string(\$uuid)	ID of channel to update message from.

Name

Description

(path)

channelId

messageId \* required

ID of message to update.

string(\$uuid)

messageId

(path)

Responses

Code

Description

Links

204

Message with specified ID deleted.

No links

GET

/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}

Get Message in Channel By ID

Parameters

Try it out

Name

Description

groupId \* required

ID of group to get message from.

string(\$uuid)

groupId

(path)

channelId \* required

ID of channel to get message from.

string(\$uuid)

channelId

(path)

messageId \* required

ID of message to get.

string(\$uuid)

messageId

(path)

Responses

Code

Description

Links

200

Message with specified ID.

No links

Media type

application/json

Controls Accept header.

Code

Description

Links

Example Value

Schema

```
{
  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "body": "string",
  "channel": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "created_at": "2025-04-21T08:35:15.316Z",
  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",
  "pinned": true
}
```

PUT

/v1/api/group/{groupId}/channel/{channelId}/message/{messageId}

Update Message in Channel By ID

Parameters

Try it out

Name	Description
<b>groupId</b> * required string(\$uuid) (path)	ID of group to update message from. <div>groupId</div>
<b>channelId</b> * required string(\$uuid) (path)	ID of channel to update message from. <div>channelId</div>
<b>messageId</b> * required string(\$uuid) (path)	ID of message to update. <div>messageId</div>

Request body required

application/json

Message details to add.

Example Value

Schema

```
{
  "body": "string",
  "pinned": true
}
```

Responses

Code	Description	Links
201	<div>Message with specified ID.</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example Value   Schema</div> <div><pre>{  "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6",  "body": "string",  "channel": "3fa85f64-5717-4562-b3fc-2c963f66afa6",  "created_at": "2025-04-21T08:35:15.317Z",  "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6",  "pinned": true}</pre></div>	No links

POST   /v1/api/message/search   Search for messages satisfying various properties.    

Parameters

Try it out

No parameters

Request body required

application/json

Message searching parameters.

Example Value   Schema

```
{  "author": [    "3fa85f64-5717-4562-b3fc-2c963f66afa6"  ],  "body": "string",  "channel": [    "3fa85f64-5717-4562-b3fc-2c963f66afa6"  ],  "from": "2025-04-21T08:35:15.318Z",  "id": [    "3fa85f64-5717-4562-b3fc-2c963f66afa6"  ],  "pinned": true,  "until": "2025-04-21T08:35:15.318Z"}
```

Responses

Code	Description	Links
200	<div>Query completed successfully.</div> <div>Media type<div>application/json</div>Controls Accept header.</div> <div>Example ValueSchema</div> <div>[ { "author": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "body": "string", "channel": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "created_at": "2025-04-21T08:35:15.319Z", "id": "3fa85f64-5717-4562-b3fc-2c963f66afa6", "pinned": true } ]</div>	No links

Schemas



**Account** {  
description: User Account Details.  
  
created\_at [...]   
id\* [...]   
profile\_pic\* [...]   
pubkey\* [...]   
username\* [...]

**AccountFilter** {  
description: An object that is posted to the backend to query for accounts based on filter criteria.  
  
from [...]   
id [...]   
until [...]   
username [...]

```
AccountUpdate {  
  description: User Account Update Details.  
  profile_pic [...]   
  username      [...]  
}
```

```
Channel {  
  description: A set of messages within a Group, typically organized by  
               topic.  
  created_at  [...]   
  description  [...]  
  group*      [...]  
  id*         [...]  
  name*       [...]  
}
```

```
ChannelFilter {  
  description: An object that is posted to the backend to query for  
               channels based on filter criteria.  
  from        [...]   
  group       [...]  
  id          [...]  
  name        [...]  
  until       [...]  
}
```

```
ChannelUpdate {  
  description: Channel Update Details.  
  description  [...]  
  name         [...]  
}
```

```
Group  {
  description:      A group chat/server of users.

  created_at        [...]
  description*      [...]
  id*               [...]
  members*          [...]
  name*             [...]
}
```

```
GroupFilter  {
  description:      An object that is posted to the backend to query for
                    groups based on filter criteria.

  from              [...]
  id                [...]
  members           [...]
  name              [...]
  until             [...]
}
```

```
GroupUpdate  {
  description:      Group Update Details.

  description        [...]
  name               [...]
}
```

```
Message  {
  description:      A message that is sent in a group.

  author*           [...]
  body*             [...]
  channel*          [...]
  created_at        [...]
  id*               [...]
  pinned*           [...]
}
```



```
MessageFilter  {  
  description:    An object that is posted to the backend to query for  
                    messages based on filter criteria.  
  
  author           [...]  
  body             [...]  
  channel          [...]  
  from             [...]  
  id               [...]  
  pinned           [...]  
  until            [...]  
}
```

```
MessageUpdate {  
  description:    Message Update Details.  
  
  body            [...]  
  pinned          [...]  
}
```