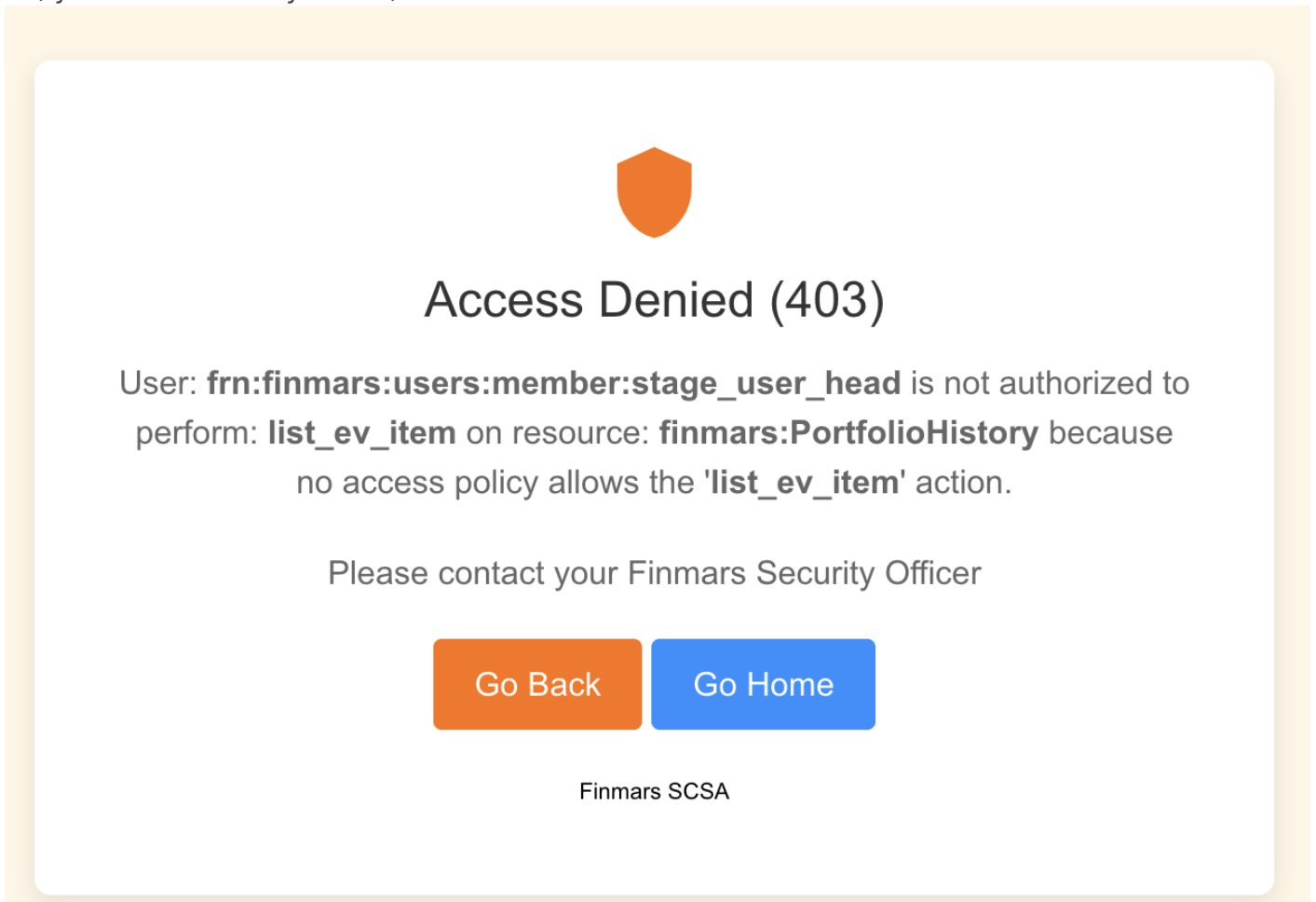


How to create an Access Policy?

So, your client sends you this, what to do next?



Access Denied (403)

User: **frn:finmars:users:member:stage_user_head** is not authorized to perform: **list_ev_item** on resource: **finmars:PortfolioHistory** because no access policy allows the '**list_ev_item**' action.

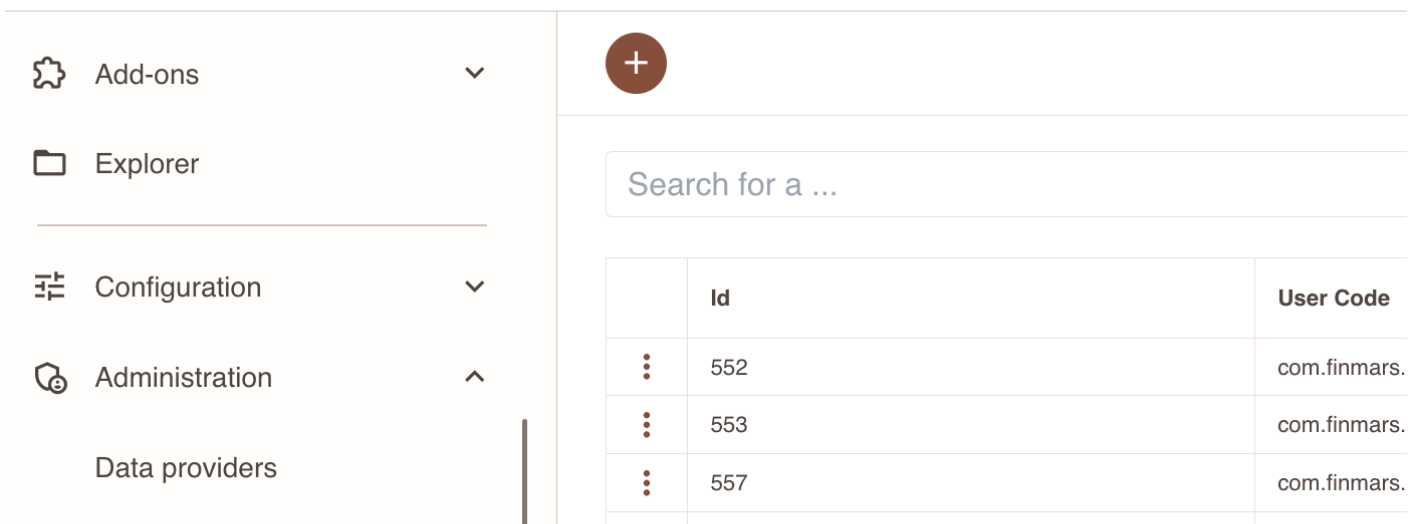
Please contact your Finmars Security Officer

[Go Back](#) [Go Home](#)

Finmars SCSA

Here we see that there is no access to PortfolioHistory resource, and we cant find it in existing policies, so, lets create new one

Go to Permissions -> Access Policy



	Id	User Code
⋮	552	com.finmars.
⋮	553	com.finmars.
⋮	557	com.finmars.

Press create new one

finmars PERMISSIONS EXAMPLE

Add Access Policy

General

Name

User Code

Configuration Code
com.finmars.local

Description

```
1 {
2   "Version": "2023-01-01",
3   "Statement": [
4     {
5       "Effect": "Allow",
6       "Action": [
7         "Principal": "*",
8         "Resource": "*"
9     }
10  ]
11 }
```

Access Policy

An AccessPolicy JSON is used to define the permissions a user, role, or group has within a system. The JSON object consists of a version number, and an array of statements, each describing a set of permissions.

AccessPolicy JSON Structure

```
{
  "Version": "2021-01-01",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "service:resource:create",
        "service:resource:edit"
      ],
      "Resource": "*"
    },
    {
      "Effect": "Deny",
      "Action": "service:resource:delete",
      "Resource": "*"
    }
  ]
}
```

Version

The Version field represents the date when the policy format was defined. It is a string in the format "YYYY-MM-DD".

Statement

The Statement field is an array of objects, where each object represents a set of

So, either you create a local Access Policy, then use your local space_code, *local.poms.[space_code]*

Or if you are a Finmars Marketplace Contributor, you could use your module name (e.g. com.finmars.standard-iam)

So, lets fill out a form:

finmars PERMISSIONS

Add Access Policy

General

Name
Portfolio History Access

User Code
com.finmars.standard-iam:finmars-portfolio-history-full

Configuration Code
com.finmars.standard-iam

Description

```
1 {
2   "Version": "2023-01-01",
3   "Statement": [
4     {
5       "Action": [
6         "finmars:PortfolioHistory:create",
7         "finmars:PortfolioHistory:retrieve",
8         "finmars:PortfolioHistory:update",
9         "finmars:PortfolioHistory:destroy",
10        "finmars:PortfolioHistory:list",
11        "finmars:PortfolioHistory:list_light",
12        "finmars:PortfolioHistory:list_ev_item",
13        "finmars:PortfolioHistory:list_ev_group"
14      ],
15      "Effect": "Allow",
16      "Resource": "*"
17    }
18  ]
19 }
```

Access Policy

An AccessPolicy JSON is used to define the permissions a user has within a system. The JSON object consists of a version number and an array of statements, each describing a set of permissions.

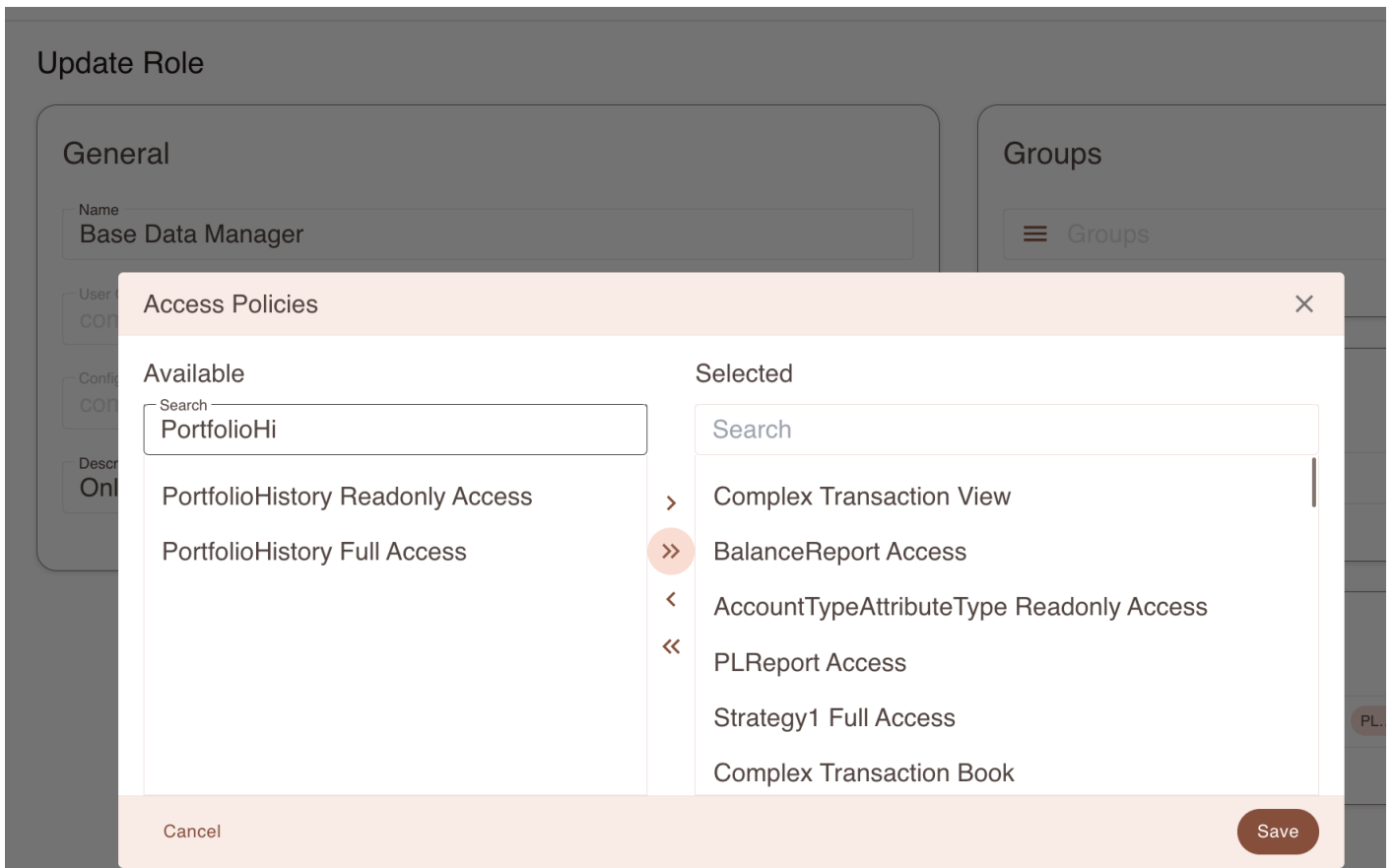
AccessPolicy JSON Structure

```
{
  "Version": "2021-01-01",
  "Statement": [
    {
      "Effect": "Allow",
      "Action": [
        "service:resource:create",
        "service:resource:edit"
      ],
      "Resource": "*"
    },
    {
      "Effect": "Deny",
      "Action": "service:resource:delete",
      "Resource": "*"
    }
  ]
}
```

Version

The Version field represents the date when the policy format was

Now, you this Access Policy is part of that module, you could extend some of your roles



That's it, now you could create Access Policies

Revision #2

Created 2024-11-01 10:33:59 UTC by Sergei Zhitenev

Updated 2024-11-01 10:40:35 UTC by Sergei Zhitenev