Rest API - Group Expansion Connector Configuration

The Group Expansion Connector can be configured using the Rest API. It requires the following entities to be created:

- Connection
- Connector
- Seed

Below are the examples of how to create the Connection and the Seed. For the Connector, please check this page.

Create Connection

Field	Required	Default	Multiple	Notes	Example
type	Yes	-	No	The value must be "group-expansion".	"group-expansion"
description	Yes	-	No	Name of the connection object.	"MyGroupExpansionConnection"
throttlePolicy	No	-	No	ID of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The IDs of the routing policies that this connection will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]

Example

POST aspire/_api/connections

```
{
    "type": "group-expansion",
    "description": "MyGroupExpansionConnection",
}
```

Update Connection

Field	Required	Default	Multiple	Notes	Example
id	Yes	-	No	ID of the connection to update	"89d6632a-a296-426c-adb0-d442adcab4b0",
description	Yes	-	No	Name of the connection object.	"MyGroupExpansionConnection"
throttlePolicy	No	-	No	ID of the throttle policy that applies to this connection object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	The IDs of the routing policies that this connection will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]

Example

PUT aspire/_api/connections/89d6632a-a296-426c-adb0-d442adcab4b0

```
{
    "id": "89d6632a-a296-426c-adb0-d442adcab4b0",
    "description": "MyGroupExpansionConnection",
}
```

Create Connector

For the creation of the Connector object using the Rest API, check this page

Update Connector

For the update of the Connector object using the Rest API, check this page

Create Seed

Field	Required	Default	Multiple	Notes	Example
seed	Yes	-	No	Put a placeholder here	"seed_placeholder"
type	Yes	-	No	The value must be "group-expansion".	"group-expansion"
description	Yes	-	No	Name of the seed object.	"MyGroupExpansionSeed"
connector	Yes	-	No	ID of the connector to be used with this seed. The connector type must match the seed type.	"82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31"
connection	Yes	-	No	ID of the connection to be used with this seed. The connection type must match the seed type.	"602d3700-28dd-4a6a-8b51-e4a663fe9ee6"
workflows	No	[ ]	Yes	IDs of the workflows that will be executed for the documents crawled.	["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"]
throttlePolicy	No	-	No	ID of the throttle policy that applies to this seed object.	"f5587cee-9116-4011-b3a9-6b235b333a1b"
routingPolicies	No	[ ]	Yes	IDs of the routing policies that this seed will use.	["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"]
tags	No	[ ]	Yes	The tags of the seed. These can be used to filter the seed.	["tag1", "tag2"]
properties	**No**	**-**	**No**	**Configuration object**	
seedsIncluded	No	-	yes	Those seeds will be included in crawling identities	["5b9f4074-01a3-4d86-8642-32a6f27179d4"]
seedsExcluded	No	-	yes	Those seeds will be excluded from crawling identities	["5b9f4074-01a3-4d86-8642-32a6f27179d4"]
seedsIdentities local	**No**	**-**	**yes**	**Custom mapping local**	
id	Yes	-	no	Seed ID for the mapping	"5b9f4074-01a3-4d86-8642-32a6f27179d4"
identityKeyType	Yes	-	no	The value must be "local"	"local"
identityKeyAttr	Yes	-	no	The name of the mapping attribute	"someAttributeName"
seedsIdentities external	**No**	**-**	**yes**	**Custom mapping external**	
id	Yes	-	no	The seed ID for the mapping.	"5b9f4074-01a3-4d86-8642-32a6f27179d4"
identityKeyType	Yes	-	no	The value must be "external"	"external"
identityKeyAttr	Yes	-	no	The name of the mapping attribute in external seed.	"someAttributeName"
externalSeed	Yes	-	no	The external seed ID.	"5b9f4074-01a3-4d86-8642-32a6f27179d4"
externalLookupAttribute	Yes	-	no	The external lookup attribute name.	"externalLookupAttrName"

Example

POST aspire/_api/seeds

```
{
    "type": "group-expansion",
    "seed": "seed_placeholder",
    "connector": "82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31",
    "description": "GroupExpansion_Test_Seed",
    "throttlePolicy": "6b8b5f23-fc77-47a1-9b58-106577162e7b",
    "routingPolicies": ["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"],
    "connection": "602d3700-28dd-4a6a-8b51-e4a663fe9ee6",
    "workflows": ["f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"],
    "tags": ["tag1", "tag2"],
    "properties": {
       "seedsIncluded": [
           "5b9f4074-01a3-4d86-8642-32a6f27179d4"
        ],
       "seedsExcluded": [],
       "seedsIdentities": [
           {
             "id": "5b9f4074-01a3-4d86-8642-32a6f27179d4",
             "identityKeyType": "local",
             "identityKeyAttr": "someAttrName"
            }
       ]
    }
}
```

Update Seed

Field	Required	Default	Multiple	Notes	Example
id	Yes	-	No	ID of the seed to update	"2f287669-d163-4e35-ad17-6bbfe9df3778"
(see the "Create seed" for other fields)					

Example

PUT aspire/_api/seeds/2f287669-d163-4e35-ad17-6bbfe9df3778


```
{
    "id": "2f287669-d163-4e35-ad17-6bbfe9df3778",
    "connector": "82f7f0a4-8d28-47ce-8c9d-e3ca414b0d31",
    "description": "FileSystem_Test_Seed",
    "throttlePolicy": "6b8b5f23-fc77-47a1-9b58-106577162e7b",
    "routingPolicies": ["313de87c-3cb9-4fe0-a2cb-17f75ce7d0c7", "b4d2579f-1a0a-4a8b-9fd4-d42780003b36"],
    "connection": "602d3700-28dd-4a6a-8b51-e4a663fe9ee6",
    "workflows": ["b255e950-1dac-46dc-8f86-1238b2fbdf27", "f8c414cb-1f5d-42ef-9cc9-5696c3f0bda4"],
    "tags": ["tag", "tag2"],
    "properties": {
       "seedsIncluded": [
           "5b9f4074-01a3-4d86-8642-32a6f27179d4"
        ],
       "seedsExcluded": [],
       "seedsIdentities": [
           {
             "id": "5b9f4074-01a3-4d86-8642-32a6f27179d4",
             "identityKeyType": "local",
             "identityKeyAttr": "someAttrName"
            }
       ]
    }
}
```