

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-8f86-1238b2fbd27", "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"
      }
    ]
  }
}
```