

26.0 Collectors Configuration APIs

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26.1 List Collectors Configuration Files

List all available YAML Collectors Configuration file names. File names include the ".yaml" extension and are returned in case insensitive alphabetical order.

26.1.1 Method: GET all Collectors Configuration File Names

[GET /api/collectors/configurations](#)

26.1.2 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.1.3 HTTP Status Codes

Code	Description
200	Collectors Configuration file names returned
401	Authentication/authorization error occurred
404	No Collectors Configuration files found
500	An internal server error occurred during get

26.1.4 File Names Responses

File names are returned as a list of strings in the standard XML and JSON wrapped forms.

```
<files>
  <file>config.yaml</file>
  <file>config2.yaml</file>
</files>
```

```
{
  "files" : [ "config.yaml", "config2.yaml" ]
}
```

26.2 Get Collectors Configuration File

Get YAML Collectors Configuration file content. File name must include the ".yaml" extension.

26.2.1 Method: GET Collectors Configuration File

[GET /api/collectors/configurations/{fileName}](#)

26.2.2 Path Parameters

Field	Type	Description	Required
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fileName	Path	File name including the ".yaml" extension	yes
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26.2.3 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.2.4 HTTP Status Codes

Code	Description
200	Collectors Configuration content returned
400	Invalid Collectors Configuration file name
401	Authentication/authorization error occurred
404	Collectors Configuration file not found
500	An internal server error occurred during get

26.2.5 YAML Collectors Configuration Response

UTF-8 YAML Collectors Configuration is returned. Content type is `text/yaml; charset=UTF-8`.

26.3 Create Collectors Configuration File

Create YAML Collectors Configuration file from template. File name must include the ".yaml" extension. Accepts a number of identity properties that are merged into the template to create the file. Template is selected using the `agentType` and `prefix` identity properties.

26.3.1 Method: POST Create Collectors Configuration File

[POST /api/collectors/configurations/{fileName}](#)

26.3.2 Path And POST Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes
agentType*	POST	Collector agent type	yes
prefix*	POST	Collector Configuration prefix	yes
hostName	POST	Collector host name	yes
ipv4	POST	Collector address	no
ipv6	POST	Collector address	no
mac	POST	Collector mac address	no
characteristic	POST	Collector characteristic string	no

* `agentType` and `prefix` parameters are used to select the Collectors Configuration template to instantiate.

26.3.3 POST Request

POST parameters are specified using the standard form/url encoded syntax.

```
agentType=child&prefix=child&hostName=localhost
```

26.3.4 HTTP Headers

Header	Valid Values	Required
Content-Type	application/x-www-form-urlencoded	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.3.5 HTTP Status Codes

Code	Description
200	Created Collectors Configuration content returned
400	Invalid Collectors Configuration file name or missing POST parameters
401	Authentication/authorization error occurred
404	Collectors Configuration template file not found
500	An internal server error occurred during create

26.3.6 YAML Collectors Configuration Response

Created UTF-8 YAML Collectors Configuration from template is returned. Content type is `text/yaml; charset=UTF-8`. YAML Collectors Configurations created with this endpoint will always contain an `identity` section.

```
identity:
  agentType: child
  prefix: child
  hostName: localhost
...
```

26.4 Add or Replace Collectors Configuration File

Add or replace YAML Collectors Configuration file. File name must include the ".yaml" extension. Accepts YAML file with multiple top level properties or sections, (i.e. can be loaded into a key/value pair). This endpoint does not return any content: 204 No Content is the successful return status.

26.4.1 Method: PUT Collectors Configuration File

[PUT /api/collectors/configurations/{fileName}](#)

26.4.2 Path Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes

26.4.3 PUT Request

UTF-8 YAML Collectors Configuration file content. Content type must be specified as `text/yaml` or `application/x-yaml`. If specified, charset must be set to `UTF-8`. Typically Collectors Configurations include an `identity` section.

```
identity:
  agentType: child
  prefix: child
  hostName: localhost
...
```

26.4.4 HTTP Headers

Header	Valid Values	Required
Content-Type	text/yaml or application/x-yaml, charset=UTF-8	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.4.5 HTTP Status Codes

Code	Description
204	Collectors Configuration file added or replaced
400	Invalid Collectors Configuration file name or content
401	Authentication/authorization error occurred
500	An internal server error occurred during add or replace

26.5 Delete Collectors Configuration File

Delete existing YAML Collectors Configuration file. File name must include the ".yaml" extension. This endpoint does not return any content: 204 No Content is the successful return status.

26.5.1 Method: DELETE Collectors Configuration File

[DELETE /api/collectors/configurations/{fileName}](#)

26.5.2 Path Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes

26.5.3 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.5.4 HTTP Status Codes

Code	Description
204	Collectors Configuration file deleted
400	Invalid Collectors Configuration file name
401	Authentication/authorization error occurred
500	An internal server error occurred during delete

26.6 List Collectors Configuration Template Files

List all available YAML Collectors Configuration template file names. File names include the ".yaml" extension and are returned in case insensitive alphabetical order.

26.6.1 Method: GET all Collectors Configuration Template File Names

[GET /api/collectors/templates](#)

26.6.2 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.6.3 HTTP Status Codes

Code	Description
200	Collectors Configuration template file names returned
401	Authentication/authorization error occurred
404	No Collectors Configuration template files found
500	An internal server error occurred during get

26.6.4 File Names Responses

File names are returned as a list of strings in the standard XML and JSON wrapped forms.

```
<files>
  <file>config-template.yaml</file>
  <file>config-template2.yaml</file>
</files>
```

```
{
  "files" : [ "config-template.yaml", "config-template2.yaml" ]
}
```

26.7 Get Collectors Configuration Template File

Get YAML Collectors Configuration template file content. File name must include the ".yaml" extension.

26.7.1 Method: GET Collectors Configuration Template File

[GET /api/collectors/templates/{fileName}](#)

26.7.2 Path Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes

26.7.3 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.7.4 HTTP Status Codes

Code	Description
200	Collectors Configuration template content returned
400	Invalid Collectors Configuration template file name
401	Authentication/authorization error occurred

404	Collectors Configuration template file not found
500	An internal server error occurred during get

26.7.5 YAML Collectors Configuration Response

UTF-8 YAML Collectors Configuration template is returned. Content type is `text/yaml; charset=UTF-8`.

26.8 Add or Replace Collectors Configuration Template File

Add or replace YAML Collectors Configuration template file. File name must include the ".yaml" extension. Template YAML Collectors Configurations must contain a top level `identity` section with `agentType` and optionally `prefix` sub key/values pairs. This minimal information is used to select templates when Collectors Configurations are created. This endpoint does not return any content: 204 No Content is the successful return status.

26.8.1 Method: PUT Collectors Configuration File

[PUT /api/collectors/templates/{fileName}](#)

26.8.2 Path Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes

26.8.3 PUT Request

UTF-8 YAML Collectors Configuration template file content. Content type must be specified as `text/yaml` or `application/x-yaml`. If specified, charset must be set to `UTF-8`. Collectors Configuration templates include an `identity` section with `agentType` and optionally `prefix` sub key/values pairs.

```
identity:
  agentType: child
  prefix: child
  hostName: localhost
...
```

26.8.4 HTTP Headers

Header	Valid Values	Required
Content-Type	<code>text/yaml</code> or <code>application/x-yaml, charset=UTF-8</code>	True
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.8.5 HTTP Status Codes

Code	Description
204	Collectors Configuration template file added or replaced
400	Invalid Collectors Configuration template file name or content
401	Authentication/authorization error occurred
500	An internal server error occurred during add or replace

26.9 Delete Collectors Configuration Template File

Delete existing YAML Collectors Configuration template file. File name must include the ".yaml" extension. This endpoint does not return any content: 204 No Content is the successful return status.

26.9.1 Method: DELETE Collectors Configuration Template File

DELETE /api/collectors/templates/{fileName}

26.9.2 Path Parameters

Field	Type	Description	Required
fileName	Path	File name including the ".yaml" extension	yes

26.9.3 HTTP Headers

Header	Valid Values	Required
GWOS-API-TOKEN	a valid token returned from login	True
GWOS-APP-NAME	your application name	True

26.9.4 HTTP Status Codes

Code	Description
204	Collectors Configuration template file deleted
400	Invalid Collectors Configuration template file name
401	Authentication/authorization error occurred
500	An internal server error occurred during delete