

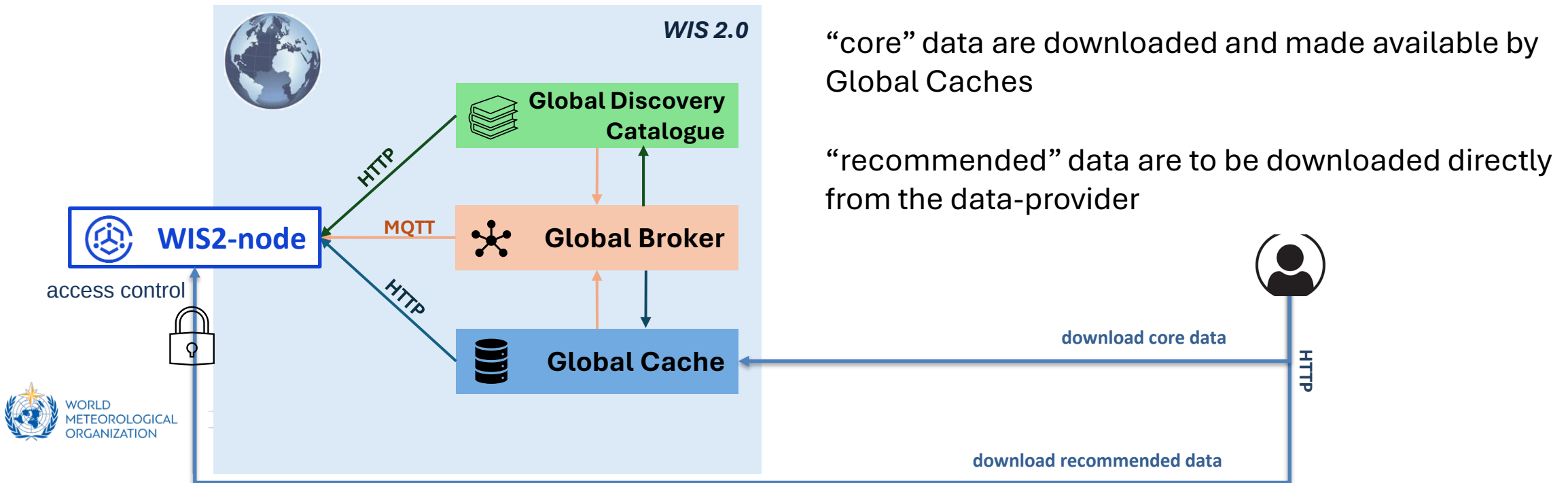
Recommended datasets in WIS2 and wis2box

WMO Data Policy and WIS2

The **WMO Unified Data Policy** describes **two categories of data**:

- **core** : data provided on a free and unrestricted basis
- **recommended** : data that has conditions on use defined by a license and which may be restricted using access controls

Please consult the [WMO Unified Data Policy](#) or other WMO publications to help determine the relevant data policy for your datasets



Adding license for recommended data in wis2box

WCMP2 for a 'recommended'-dataset shall include a link with rel='licence'

Dataset-editor in wis2box-webapp requires you to provide a license-URL when setting WMO Data Policy = 'Recommended'

Centre ID int-wmo-example	WMO Data Policy recommended	Discipline topic weather
License required for non-core data (provide valid URL) https://mywebsite.com/license/my_dataset.html		

Additional object added in links-array of WCMP2 :

```
{
  "rel": "license",
  "href": "https://mywebsite.com/license/my_dataset.html",
  "title": "License for this dataset",
  "type": "text/html"
}
```

A license URL can be provided by:

- URL on your organization website
- Public copyright license from [Creative Commons](#)
- The wis2box-instance itself, using a file in wis2box-public

Aviation data in WIS2

To be compliant with ICAO regulations, aviation data on WIS2 is always recommended and should be accompanied by an appropriate license

The wis2box-webapp will automatically set the data policy to recommended for datasets using aviation in the sub-discipline topic:

Centre ID

WMO Data Policy

Discipline topic

License required for non-core data (provide valid URL)

☐ Publish metadata without WIS2 data notifications

Sub-discipline topics (choose one)

☐ experimental (free-text topic)

Using a custom license hosted on wis2box

To use a custom license hosted by your wis2box-instance:

- Upload the file the “wis2box-public”-bucket in MinIO
- Use as the license-URL `<WIS2XBOX_URL>/data/<filename>`

 **wis2box-public**
Created on: Wed, Aug 06 2025 13:45:04
(GMT+2) Access: CUSTOM 9.2 KiB - 6 Objects

Rewind Refresh Upload

< wis2box-public Create new path ://

☐	▲ Name	Last Modified	Size
☐	 license.txt	Today, 11:58	51.0 B
☐	 metadata		
☐	 urn:wmo:md:my-centre-id:my-local-id		

Centre ID

maaike-test

WMO Data Policy

recommended

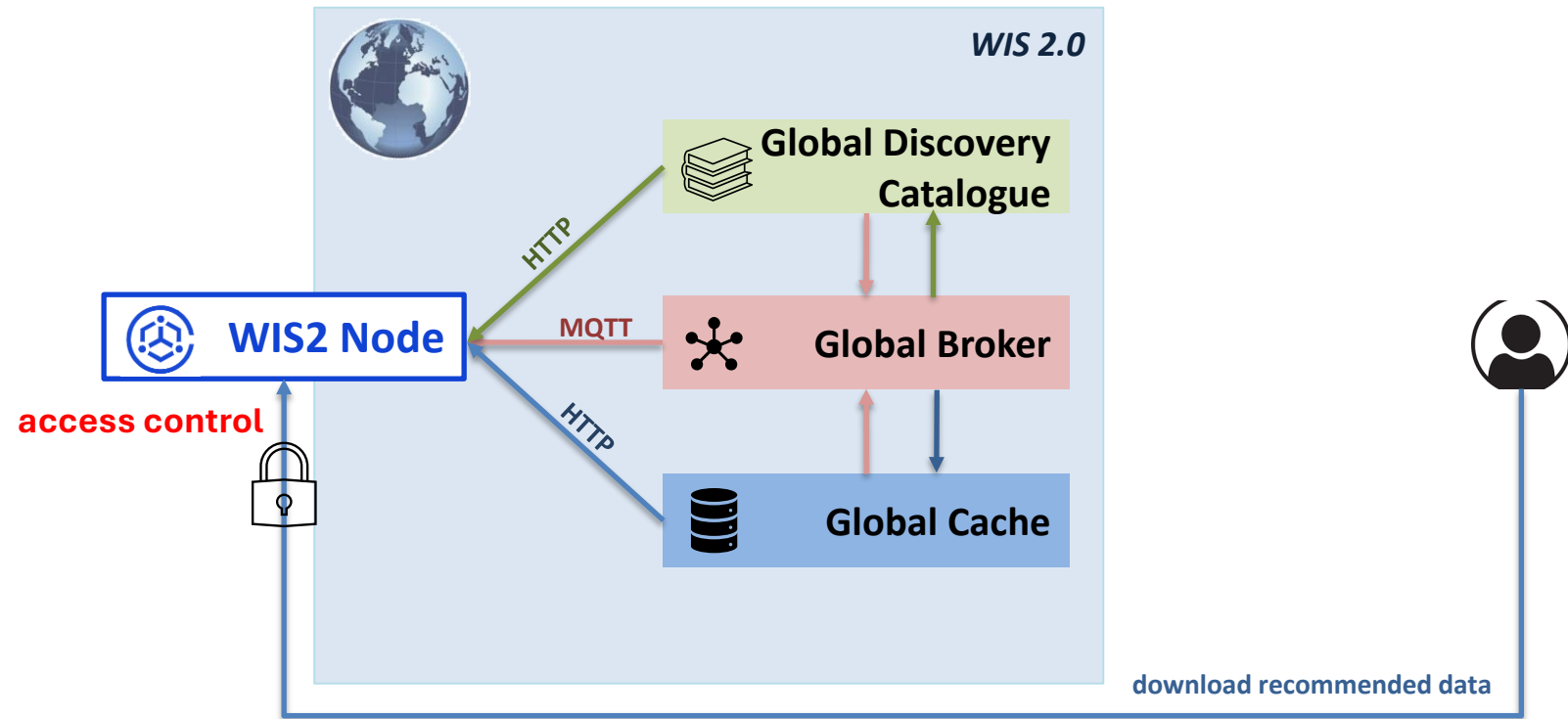
License required for non-core data (provide valid URL)

https://mywis2box.org/data/license.txt

X

Recommended data in WIS 2.0: access control

*WMO recommended data shall be downloaded directly from the WIS2 Node, **access can be open or restricted***



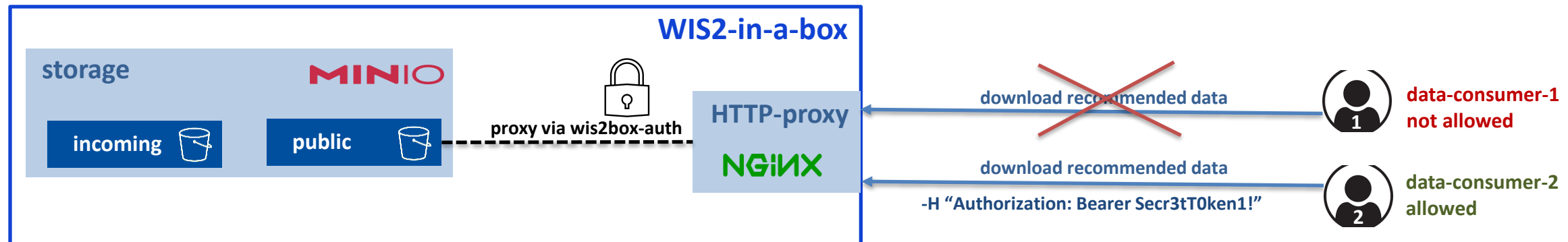
access control in wis2box

Within wis2box datasets can be made restricted by adding a token using 'wis2box auth' commands:

```
wis2box auth add-token --metadata-id urn:wmo:md:mw-mw_met_centre:surface-weather-observations Secr3tT0ken1!
```

To access a restricted dataset Data Consumers should include the token in the HTTP-request-headers:

```
curl -H "Authorization: Bearer Secr3tT0ken1!" "<canonical-url>"
```



Datasets published on *origin/a/wis2/.../data/core/...* should never be restricted

Datasets published on *origin/a/wis2/.../data/recommended/...* can be restricted to limit data sharing to specific data consumers

Summary

Recommended data in WIS2 **MUST include a license URL** in the metadata record
wis2box-instance can host the license-file if required

Recommended data in WIS2 **MAY be access controlled**
wis2box provides the option to add access-control using an authentication token

