Access control in wis2box
for recommended data in WIS2

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Reminder: recommended data in WIS 2.0

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

WIS2-Node publishes on
`origin/a/wis2/…/data/recommended/…`

access control

WIS 2.0

Global Discovery Catalogue

HTTP

WIS2 Node — MQTT — **Global Broker**

HTTP

Global Cache

Data Consumer subscribes to
`origin/a/wis2/…/data/recommended/…`
and downloads data from WIS2-Node

download recommended data

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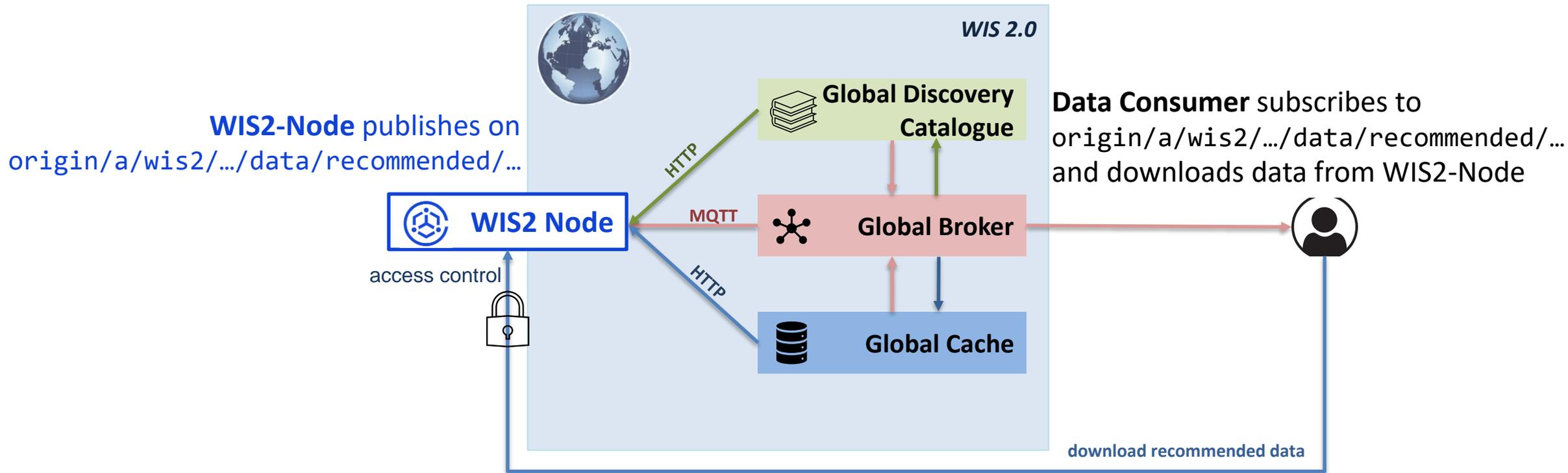
wis2box access control

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>"
```
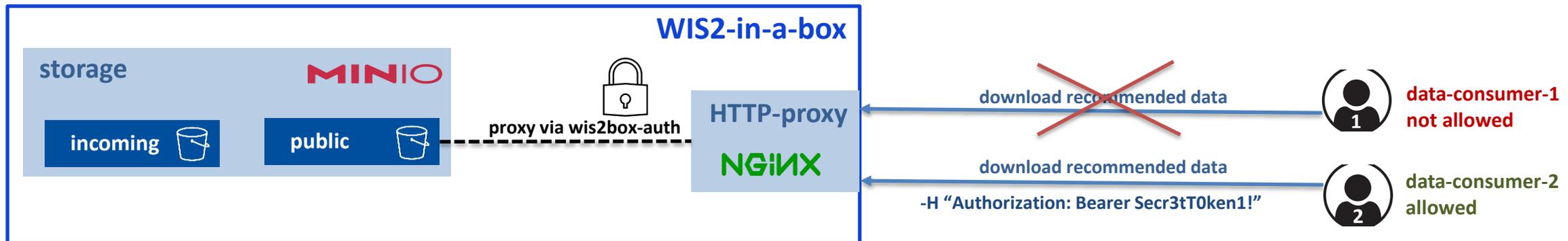

Datasets published on *origin/a/wis2/.../data/core/...* should *never* be restricted

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