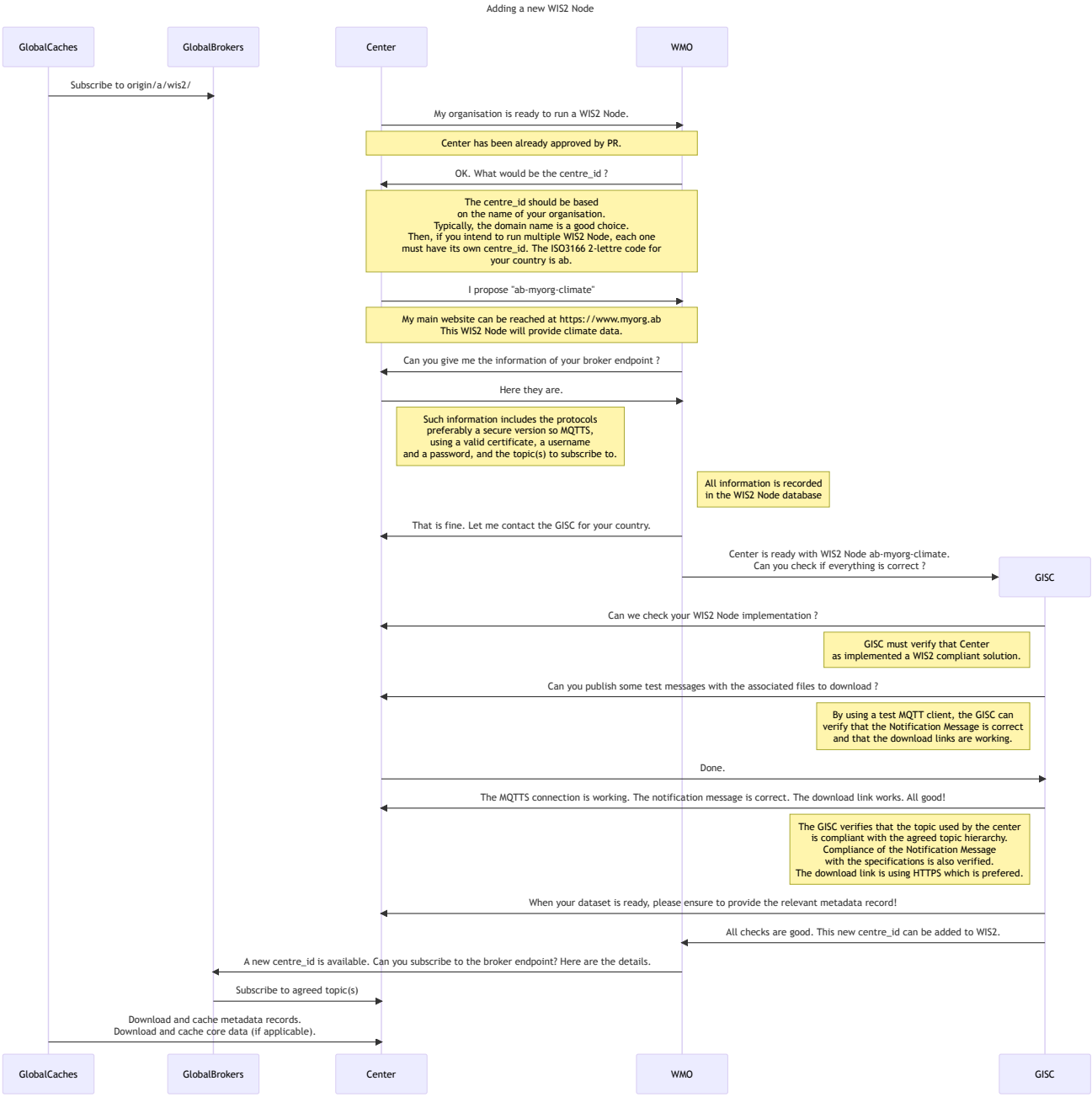
Adding a new WIS2 Node
GlobalCaches
GlobalBrokers
Center
WMO
GISC
Subscribe to origin/a/wis2/
My organisation is ready to run a WIS2 Node.
Center has been already approved by PR.
OK. What would be the centre_id ?
The centre_id should be based on the name of your organisation. Typically, the domain name is a good choice. Then, if you intend to run multiple WIS2 Node, each one must have its own centre_id. The ISO3166 2-lettre code for your country is ab.
I propose "ab-myorg-climate"
My main website can be reached at https://www.myorg.ab This WIS2 Node will provide climate data.
Can you give me the information of your broker endpoint ?
Here they are.
Such information includes the protocols preferably a secure version so MQTTS, using a valid certificate, a username and a password, and the topic(s) to subscribe to.
All information is recorded in the WIS2 Node database
That is fine. Let me contact the GISC for your country.
Center is ready with WIS2 Node ab-myorg-climate. Can you check if everything is correct ?
Can we check your WIS2 Node implementation ?
GISC must verify that Center as implemented a WIS2 compliant solution.
Can you publish some test messages with the associated files to download ?
By using a test MQTT client, the GISC can verify that the Notification Message is correct and that the download links are working.
Done.
The MQTTS connection is working. The notification message is correct. The download link works. All good!
The GISC verifies that the topic used by the center is compliant with the agreed topic hierarchy. Compliance of the Notification Message with the specifications is also verified. The download link is using HTTPS which is prefered.
When your dataset is ready, please ensure to provide the relevant metadata record!
All checks are good. This new centre_id can be added to WIS2.
A new centre_id is available. Can you subscribe to the broker endpoint? Here are the details.
Subscribe to agreed topic(s)
Download and cache metadata records. Download and cache core data (if applicable).