



Science & Technology
Facilities Council

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GOCDB Roadmap

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GOCDB

- GOCDB is the official repository for storing and presenting EGI and WLCG topology and resource information.
- It is a definitive information source, with the emphasis on user communities to maintain their own data.
- It is intentionally designed to have no dependencies on other operational tools for information.

Roadmap

- ~~Release GOCDB 5.7.3 – includes a years worth of “little fixes” that didn’t warrant release individually [1].~~
- Reserved scopes and ‘production & monitored’ rule as properties in the database
- Configuration managed instances of GOCDB behind goc.egi.eu load balancer

Roadmap – cont.

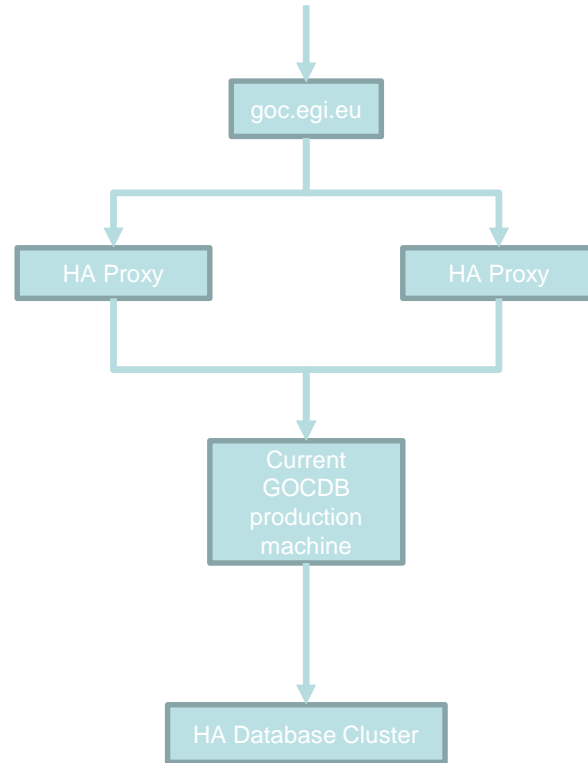
- Extensions to the Write-API
- EOSC-Hub view of GOCDDB under separate URL
- Implementing our Privacy Notice

Properties in the database

- Whether a scope is reserved or not is currently defined in a configuration file. [2, 3]
- Whether the 'production & monitored' rule applies to a given service type is hard coded [4, 5]
- These facts makes changes less dynamic. Moving these to the database will allow GOCDDB admins to implement related requests for change much quicker through the admin UI [6, 7].

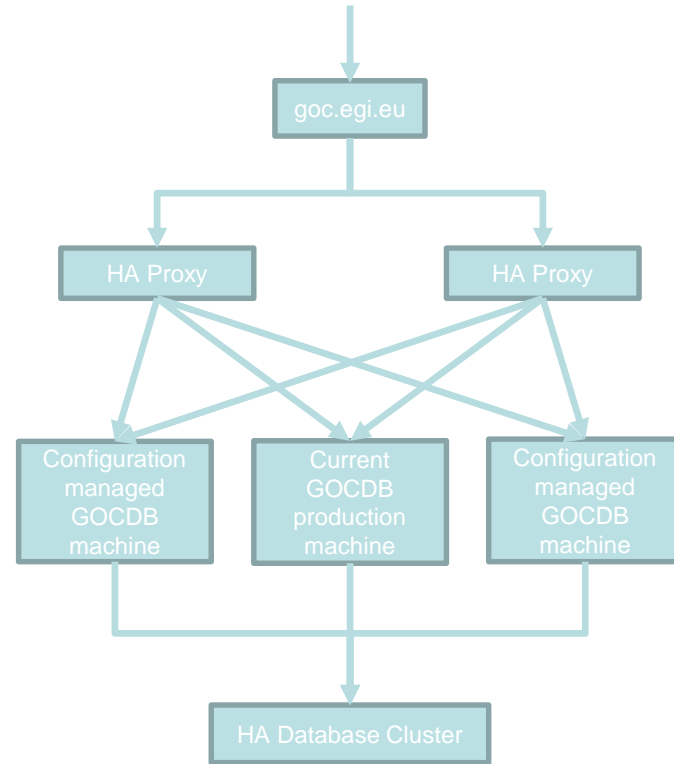
Configuration Management

Current setup is a single RH6 VM behind a pair of HA Proxies.



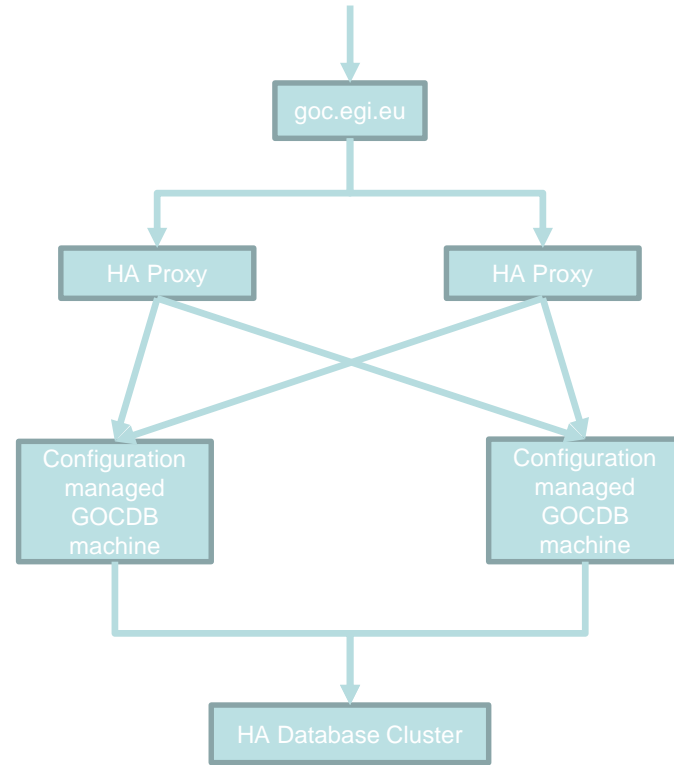
Configuration Management

Intermediate setup will be to add two SL7 Configuration Managed VMs in tandem with existing production machine.



Configuration Management

Eventually, the current production machine will be de-commissioned.



Extensions to the Write-API

- Current Write-API allows create, update and delete actions for extension property key/value pairs for sites, services, endpoints and service groups.
- Extensions to the Write-API will add the ability to:
 - create, update and delete endpoints
 - ability to update the details of services

EOSC-Hub view

- A separate read/write instance of the GOCDDB portal and API accessing the same underlying database as goc.egi.eu.
 - Allow EOSC-Hub and EGI to benefit from seemingly having their own GOCDDB “instances”, without actually setting up their own instances and losing the benefits of the current single source of truth.
 - No change to how you interact with GOCDDB now. Sites/Users only have to interact with one instance.

Privacy Notice

- Partly in response to the GDPR regulations, GOCDDB has developed a new privacy notice [8].
- When considering this privacy notice we realised that that our current privacy design decisions were hard to justify in this context
- Proposed changes agreed at WLCG Information System Evolution Task Force meeting [9]

Privacy Notice – Change is needed

- Authorisation: Access to PI queries and site information for ALL sites that includes personal information
 - Currently: anyone/any host who can authenticate can access.
 - The future: only authenticated people with a role over ANY site or any hosts associated with ANY site.

Privacy Notice – Change is needed

- Account management:
 - Accounts will now expire (and deleted) after 24 months without access. There will be dire warning emails!
 - At the same time we will be looking at how we capture acceptance of our acceptable use policy.



Thanks for listening

Any questions?

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Related links:

- [1] <https://github.com/GOCDB/gocdb/milestone/2>
- [2] https://goc.egi.eu/portal/index.php?Page_Type=Scope_Help
- [3] https://github.com/GOCDB/gocdb/blob/dev/config/local_info.xml#L82
- [4] https://github.com/GOCDB/gocdb/blob/dev/lib/Gocdb_Services/ServiceService.php#L512
- [5] https://github.com/GOCDB/gocdb/blob/dev/lib/Gocdb_Services/ServiceService.php#L832
- [6] https://ggus.eu/index.php?mode=ticket_info&ticket_id=139227
- [7] https://ggus.eu/index.php?mode=ticket_info&ticket_id=139924
- [8] <https://goc.egi.eu/privacy.html>
- [9] <https://indico.cern.ch/event/727163/>