

CNCF HARBOR

# HARBOR CORE OPERATOR 05/29

---

29 May 2020 / 09:00 AM (UTC) / ZOOM:

<https://VMware.zoom.com.cn/j/4950184181>

## ATTENDEES

Steven Zou@VMware,

Pierre@OVH,

ZiMing@VMware

WeiWei@VMware

## AGENDA

### Last Meeting Follow-up

<NONE>

### New Business

- Harbor CRD spec
  - Adding missing parts
  - Storage spec
  - Database & Redis spec
- Plan a new release between 0.5 and 1.0 to only deliver the spec change

## NOTES

- **Operator 1.0 release plan**
  - **Plan to support harbor V2.0 in operator 1.0**
    - TLS enablement (certs related)
    - Introduce Trivy 2.0
  - Database & Redis spec
    - DatabaseSecret
    - RedisSecret

- We can introduce a global secret reference
  - If the component level secret is specified, then use component level secret reference
  - Otherwise, use the global one as the default secret
- Redis sentinel mode supported – ongoing
- Postponed the CRs refactor to 1.0+ release
- OVH team has vacation in Mid of July
- Harbor v2.1 is planning to GA at mid of Aug.

## ACTION ITEMS

- Istio can take the responsibilities of proxying?
- Documented storage configurations/database secret format/ Redis secret format
  - OK to have a single Redis but still with multiple secrets
    - Split url part (from secret) to have  
url=redis+sentinel://:password@... and dbIndex=1
  - OK to have a single Postgres but still with multiple secrets
- Only 1 database and 1 Redis, not multiple copies
  - Redis operator -> redis+sentinel://example.com
  - Kubectl create secret secret1 --from-data  
"redis+sentinel://example.com"
  - Output "redis+sentinel://example.com" > "config.yaml"
  - kubectl create configMap jsConfig --from-file "config.yaml"
  - Harbor-core-operator create js deployment with binding `jsConfig`
  - The JS pods of the JS deployment will read the config.yaml that includes the Redis connection info "redis+sentinel://example.com"
- - Redis Operator -> redis+sentinel://...
  - Kubectl create secret secret1 --from-data  
"url=redis+sentinel://example.com" --from-data dbIndex="0"  
--from-data "namespace=jobservice1:"
  - Kubectl create harbor harbor1 -f - # With the Redis connection
  - HarborCoreOperator create JS pods and mount the secret secret1 (with Redis connection)
  - initContainer which bundle the configuration (merge the whole secret to a config file)

- Plan a new release between 0.5 and 1.0 to only deliver the spec change
  - a. <NONE>
- Efforts on operator
  - a. Pierre 60%
  - b. Jeremie 30%
  - c. Steven 30%
  - d. Weiwei ?%
  - e. Ziming 30%

## NEXT WEEK'S AGENDA

<TBD>