

Kubara Community Call

13th of May 2026



Agenda



Ongoing work

What we are currently doing.



Future work

What's planned in the near future.



Q&A

We want to hear from you!
Do you have a story to tell?
Do you have questions?

Ongoing Work

More components

- Alloy
- Velero
- Reloader
- etc.

Fully isolated local test setup

New flag kubara bootstrap -dev

- Requires kind to create a cluster
- Handles cloud-provider-kind for ip assignments to LoadBalancer services
- Configures a local OpenBao and Identity Provider
- Exposes local services via traefik.me DNS routing

Hardening & HA setup

- Hardening of our current components
- Stricter policies
- Tighter integration tests
- HA / Scaling setups and testing
- More documentation

Dynamic Service Catalog and ServiceDefinition

Catalog Folder Structure

```
my-catalog/
├─ catalog.yaml           # optional:name,version,description
├─ services/              # ServiceDefinition files
│   └─ argocd.yaml
│       └─ cert-manager.yaml
├─ managed-service-catalog/ # chart templates
│   └─ helm/
│       ├── argocd/
│       └── cert-manager/
└─ customer-service-catalog/ # overlay templates
    └─ helm/
        └─ example/
            ├── argocd/
            └── cert-manager/
```

ServiceDefinition Example

```
apiVersion: kubara.io/v1alpha1
kind: ServiceDefinition
metadata:
  name: argocd
  annotations:
    kubara.io/category: app-management
spec:
  chartPath: argo-cd
  status: enabled
  clusterTypes:
    - hub
```

Next

- Distribution methods? Artifact Type?
- New commands to create catalogs and generic service definitions

```
apiVersion: kubara.io/v1alpha1
kind: ServiceDefinition
metadata:
  name: cert-manager
  annotations:
    kubara.io/category: security
spec:
  chartPath: cert-manager
  status: enabled
  clusterTypes: [ hub, spoke ]
  configSchema:
    type: object
    required:
      - clusterIssuer
  properties:
    clusterIssuer:
      type: object
      # empty default is required to respect the default values of the nested properties
      # if the parent object doesn't have a default block, the default values of the nested properties are ignored
      default: {}
      required:
        - name
        - email
        - server
    properties:
      name:
        type: string
        default: letsencrypt-staging
        minLength: 1
      email:
        type: string
        format: email
        default: yourname@your-domain.de
      server:
        type: string
        format: uri
        default: https://acme-staging-v02.api.letsencrypt.org/directory
```

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Future Work

TUI

Interactive TUI for setting up and upgrading kubara



```
kubara init wizard
kubara init wizard

Service Selection
space: toggle | enter: continue | t/4: move

[x] argocd
[x] cert-manager
[x] external-dns
[x] external-secrets
[x] kube-prometheus-stack
[x] traefik
[x] kyverno
[x] kyverno-policies
[x] kyverno-policy-reporter
[x] loki
> [ ] homer-dashboard
[x] oauth2-proxy
[ ] metrics-server
[ ] metalb
[ ] longhorn

ctrl+c/esc: cancel
```

Agnostic GitOps Support

Abstract away ArgoCD in kubara to make space for support of other tools like:

- FluxCD
- Sveltos

More providers

- Open Telekom Cloud
- Google Cloud

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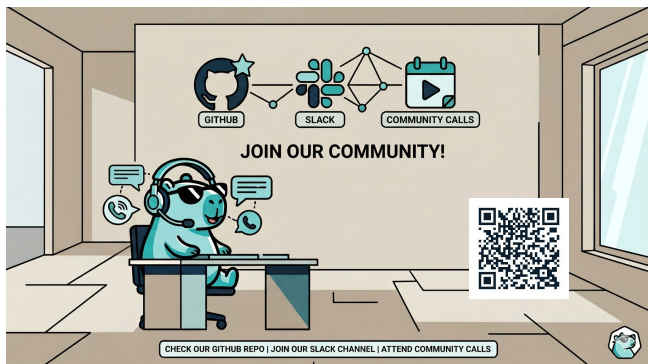
Q&A

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Questions and Story Time

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Further Infos



#kubara Slack Channel in official K8s Slack Space

Next Community Call

June 10, 2pm CET



text

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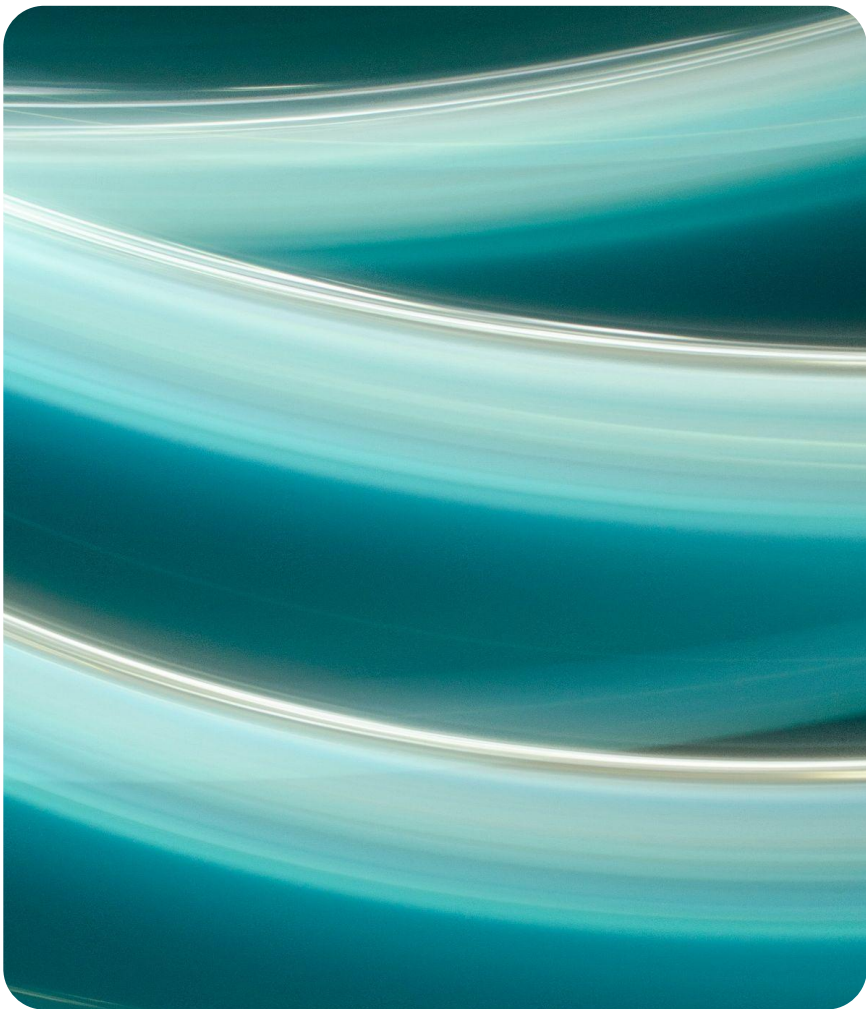
text

text

```
brew tap kubara-io/tap
```

```
brew install kubara
```





What else?

text

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