



KubeCon



CloudNativeCon

Europe 2022

WELCOME TO VALENCIA





KubeCon



CloudNativeCon

Europe 2022

Kubernetes SIG Apps: Intro and Updates

Janet Kuo (@janetkuo)

Kenneth Owens (@kow3ns)

Maciej Szulik (@soltys)



Contact

Chairs:

Janet Kuo (@janetkuo), Google

Kenneth Owens (@kow3ns), Brex

Maciej Szulik (@soltys), Red Hat

Contact

Meetings:

Biweekly on Mondays

at 06:00 PM CEST / 12:00 PM EDT / 09:00 AM PDT

Slack Channel:

[#sig-apps](#)

Email group:

kubernetes-sig-apps@googlegroups.com

Mission



KubeCon



CloudNativeCon

Europe 2022

Deploying
and
operating
applications
in
Kubernetes

[Charter](#)



[Annual Report](#)

GA features

TTL after finish (1.23)

Allows specifying a timeout after which job is removed

Indexed Job (1.24)

Ensures each pod in a job is assigned a specific index

Suspend Job (1.24)

Stops new pod creation and removes in-progress ones

Beta features

Job tracking without lingering Pods (1.23)

Track completion with a pod finalizer

MinReadySeconds for StatefulSets (1.23)

Minimal time for newly created pods to be available

Track Ready Pods in Job status (1.24)

Count pods with Ready condition

Mutable scheduling directives for suspended Jobs (1.23)

Suspended jobs can modify scheduling directives in a template

Alpha features

MaxUnavailable for StatefulSets (1.24)

Number of unavailable pods during RollingUpdate

Auto delete PVCs created by StatefulSet (1.23)

Allow setting delete policy for persistentvolumeclaims created by statefulset

Consolidate Workload controllers life cycle status (1.24*)

Unify controller statuses

Pod Healthy Policy for PDB (1.24)

Policy for handling Running but not Ready pods

TimeZone support in CronJob (1.24)

Adds TimeZone specification to schedule

* it'll take a bit longer until it's actually alpha

Current focus

GA all alpha and beta features

Reliability and quality

[Increase the Reliability Bar](#)

[Open letter to Kubernetes reviewers/approvers](#)

New contributors!

WG Batch

KubeCon EU Session on Thursday, May 19, 16:30 - 17:05

<https://sched.co/ytqX>

Charter:

<https://github.com/kubernetes/community/tree/master/wg-batch>

Meetings:

Biweekly on Thursdays

at 04:00 PM CEST / 10:00 PM EDT / 07:00 AM PDT

Slack Channel:

[#wg-batch](#)

Email group:

wg-batch@kubernetes.io



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Thank you!

Open discussion / Q&A

