



**KubeCon**



**CloudNativeCon**

**Europe 2023**





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# Kubernetes SIG Apps Updates

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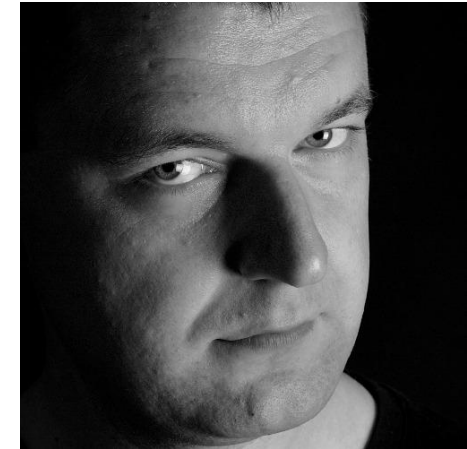
# Who we are



**Janet Kuo**  
Software Engineer  
Google



**Kenneth Owens**  
Software Engineer  
Snowflake



**Maciej Szulik**  
Software Engineer  
Red Hat

## 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](mailto:kubernetes-sig-apps@googlegroups.com)

Deploying  
and  
operating  
applications  
in  
Kubernetes

[Charter](#)



[Annual Report](#)

## DaemonSet - MaxSurge (1.25)

Allow setting surge during upgrade to minimize downtime

## StatefulSet - MinReadySeconds (1.25)

Allow setting minimum number of seconds before marking a pod ready

## Job tracking without lingering Pods (1.26)

Stop relying on completed Pods to be around

## TimeZone in CronJob (1.27)

Allow setting TimeZone in CronJob

## Retriable and non-retriable failures for Jobs (v1.26, v1.27)

Allow setting retries based on exit codes and/or pod deletion reasons

## Elastic Indexed Job (1.27)

Allows changing number of completions, but only with parallelism



## Pod Healthy Policy for PDB (1.27)

Policy for handling Running but not healthy pods

## Autoremove StatefulSet PVCs (v1.27)

Allow opting-in in PVC deletion

## StatefulSet ordinal numbering (1.27)

Allows a StatefulSet number replicas from an arbitrary ordinal

# In progress for v1.28



## 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](mailto:wg-batch@kubernetes.io)

# Mentoring sessions



# Q&A time!



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