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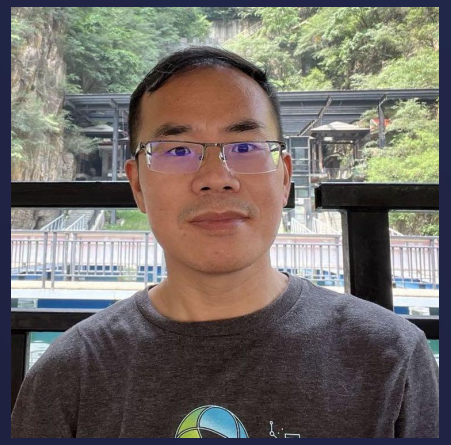
Harbor – Enterprise Cloud Native Artifact Registry

Daojun Zhang, Chenyu Zhang, WenKai Yin, Vmware
& Vadim Bauer, 8gears

Harbor – Enterprise Cloud Native Artifact Registry



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Agenda

- Introduction
- Key Features
- What’s new in Harbor v2.6.0
- Harbor v2.7.0 plan
- Join

Harbor

Harbor is an open-source cloud native artifact registry that stores, signs, and scans content, the mission is to provide cloud native environments the ability to confidently manage and serve container images and related artifacts.

Features

- Access control
- Management Policy
- Artifact distribution
- Security & Compliance
- Integration

Harbor 2.6.0 Recap

New features

- Cache Layer
- Purge/forward audit log
- CVE Export
- WebAssembly support
- Backup restore Harbor with Verelo

Component update

- Beego upgrade to v1.12.11
- Upgrade Angular to 13.3.4
- Golang 1.18.3
- Support docker-compse v2
- Trivy 0.29.2 Trivy Adapter 0.30.0

Harbor 2.6.0 Recap –Chenyu Zhang

- Cache Layer
- CVE Export

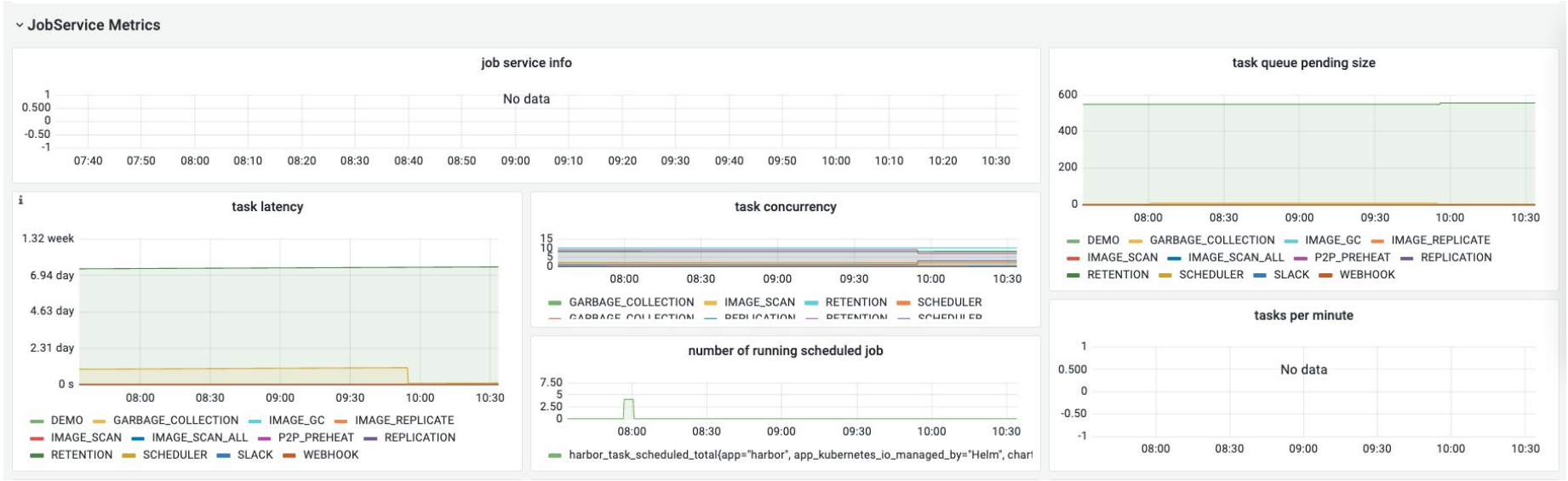
Harbor 2.6.0 Recap – Daojun Zhang

- Audit Log Purge and Forward
- Web Assembly Artifact support
- Backup/restore Harbor with Velero

Harbor 2.7.0 plan

Job Service Dashboard

- Currently only via Prometheus, not actionable
- Ever growing background jobs
- Visibility into worker pool and queue
- Manage running jobs and queue



Harbor 2.7.0 plan

Chunked Replication

- Resume image replication
- Advantage for big image layers
- Retry on chunks not whole layers

Join the fun!

Web: https://www.goharbor.io
Github: https://github.com/goharbor
Slack: slack.cncf.io (#harbor and #harbor-dev)
Twitter: @project_harbor
Bi-weekly Community Meetings: (Updated in the slack channel)
Email groups: harbor-users@list.cncf.io, harbor-dev@list.cncf.io

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