

Karmada Community Meeting Notes / Agenda

[Community Meeting]

This meeting is for Karmada design reviews and technical discussions and is open to Karmada community team members. This document captures the agenda and notes from each meeting. If there is anything you want to discuss at this meeting, please add an item to the agenda.

When suggesting topics and agenda items for an upcoming meeting, please include your name in the suggestion.

Please know:

By joining the google groups you will be able to edit the meeting notes.

Join google group mailing list: <https://groups.google.com/forum/#!forum/karmada>

Schedule

Karmada Community Meeting runs Bi-weekly.

Meeting time:

- English Meeting
 - UTC+0 15:00 PM Tuesday biweekly
 - ([Convert to your timezone.](#))
 - Meeting ID: <https://zoom.com/my/karmada>
- Chinese Meeting
 - China Standard Time: 2:30 PM Tuesdays biweekly.
 - ([Convert to your timezone.](#))
 - Meeting ID: <https://zoom.com/my/karmada>

Karmada Links

- Mailing-list: <https://groups.google.com/forum/#!forum/karmada>
- Slack: [Karmada Slack Channel](#) | [Join](#)
- GitHub: <https://github.com/karmada-io/karmada>
- Meeting Records:
 - YouTube: <https://www.youtube.com/@KarmadaCommunity>
 - Bilibili: <https://space.bilibili.com/1626207655>
- Meeting Note: <http://bit.ly/karmada-meeting-notes>
- Calendar
 - Link: <https://calendar.google.com/calendar/embed?src=karmadaoss%40gmail.com>
 - Subscribe: <https://calendar.google.com/calendar/u/1?cid=a2FybWFkYW9zc0BnbWFpC5jb20>

Meeting 2025-12-16 (English)

- Agenda:

Meeting 2025-12-02 (Mandarin/Chinese)

- Agenda:
 - [RainbowMango] Release 1.17 Planning ([Backlog](#))
 - Release Cycle: 2025.12.01 ~ 2026.02.28
 - Planned Features:
 - Karmada Dashboard v0.3.0 ([#298](#))
 - Planning Features:
 - Workload affinity/anti-affinity. ([#6685](#))

Meeting 2025-11-25 (English)

- Agenda:
 - [mszacillo] For cluster migrations with 140+ FlinkDeployments, draining can take roughly ~1 minute. Since we failover immediately, there are race conditions where the previous Flink cluster is still cleaning up unfinished checkpoint. This resolves once the application is once again rescheduled and pulls the latest valid checkpoint.
 - Is there a programmatic way to delay rescheduling in Karmada after eviction?
 - Karmada marks deletionTimestamp for all 140 FlinkDeployments
 - Flink Operator begins to tear down all JM + TM deployments
 - This can take a little longer for some applications
 - [Rainbow]: Maybe karmada controller deletes the FlinkDeployments in background mode ?
 - [mszacillo] Workload anti-affinity review
 - [mszacillo] FederatedResourceQuota bug:
<https://github.com/karmada-io/karmada/issues/6937>
 - [RainbowMango]: KubeCon EU 2026 CFP review

Meeting 2025-11-18 (Mandarin/Chinese)

- Attendees:
 - Hongcai Ren
 - Zhen Chang
 - Zhuang Zhang
 - zhanguanhai
 - Chaojie Cui
 - dingwenjiang
 - 86136
- Agenda:

- [@LivingCcj] some question in the scenario of batch migrate workload
 - Similar issue as [#5697](#)

Meeting 2025-11-11 (English)

- Attendees:
 - Hongcai Ren
 - Michas Szacillo
 - Li Wang
- Agenda:
 - [@mszacillo] Discuss workload anti-affinity API changes

Meeting 2025-11-04 (Mandarin/Chinese)

- Attendees:
 - Hongcai Ren
 - Zhen Chang
 - Kevin Wu
 - dong
 - Zhuang Zhang
 - Zhining Fang
 - congzhanlong
 - reishimotsuki
 - Guangwook.Choi
 - liyan
 - jxy
 - zhengxue
 - Chen Gang @ Momena
 - kcj
- Agenda:
 - [@Kevinz857] Production deployment experience sharing and feedback.
 - [@RainbowMango] Sync on dev progress of the release-1.16. ([backlog](#))

Meeting 2025-10-28 (English)

- Attendees:
 - Hongcai Ren
 - Joe Nathan Abellard
 - Wei-Cheng Lai
 - Michas Szacillo
 - Zhuang Zhang
- Agenda:
 - [@RainbowMango] Sync on dev progress of the release-1.16. ([backlog](#))
 - [@jabellard] [Support Option to Control Conflict Resolution for Automated Namespace Management](#)

- [@jbellard] [Add Admission Control for Karmada Operator](#)
- [@jbellard] [Standardize Karmada metrics label for member clusters to avoid conflicts with Prometheus external labels](#)
- [@jbellard] [\[Overability\] Create Grafana Dashboards for Karmada](#)
 - Will showcase a monitoring stack setup and the dashboards
 - [This playbook contains instructions for anyone to replicate the monitoring setup](#)
- [@RainbowMango] Planning of KubeCon EU 2026
 - Time: 23-26 March 2026
 - Location: Amsterdam, The Netherlands
 - Karmada Participation
 - Maintainer Track (CFP DL: 14 Dec) - 5 speakers
 - 1: basic and quick introduction of Karmada
 - 2: share some updates last year
 - 3: show realworld use case
 - Michas
 - Weicheng
 - Joe
 - Project Lightning Talk (CFP DL: 14 Dec) - 1 speaker
 - Joe
 - Kiosk (CFP DL: 17 Dec) 1-3
 - Weicheng
 - Michas
 - Joe
 - Maintainer Summit
 -
 - Reference: [project opportunities](#)

Meeting 2025-10-21 (Mandarin/Chinese)

- Attendees:
 - Hongcai Ren
 - Zhen Chang
 - Chaojie
 - Zhuang Zhang
 - vie
 - Caijing
 - xsy
 - Ivyun
 - Wang
 - Vincent
 - tanxin
 - dingwenjiang
 - wangyang
 - fangzhining
 - zeyu

- Kevin Wang
- Agenda:
 - [@vie-serendipity] Discuss the best practice of preferring IDC clusters when propagating workloads. ([user story](#))
 - Notes:
 - Already implemented in private deployment
 - [@LivingCcj] When scale up workload replicas, karmada-scheduler will distribute new replicas to unhealthy member clusters: [#6861](#)
 - Notes:
 - Dynamic propagation.
 - Some cluster becomes unhealthy. Workloads replicas needs to increased to hanle request. (scaled up by HPA)
 - When scaling up, according to available resources, not ignore unhealthy cluster. → result in scale up not take effect.
 - Next move:
 - elaborate the use case in issue.
 - [@githubxxy]Stale Resource Assessment in karmada-scheduler-estimator Causes Incorrect Placement During Concurrent Aggregated Scheduling
 - Notes:
 - The community already noticed this issue but not planning it yet.
 - Will start working on it after multiple component scheduling feature, by extending the estimator interfaces.
 - [@RainbowMango] Sync on dev progress of the release-1.16. ([backlog](#))
 - [@RainbowMango] Planning of KubeCon EU 2026
 - Time: 23-26 March 2026
 - Location: Amsterdam, The Netherlands
 - Karmada Participation
 - Maintainer Track (CFP DL: 14 Dec) - 5 speakers
 - Project Lightning Talk (CFP DL: 14 Dec) - 1 speaker
 - Kiosk (CFP DL: 17 Dec) 1-3
 - Maintainer Summit
 - Reference: [project opportunities](#)

Meeting 2025-10-14 (English) (Canceled)

- Meeting cancelled due to a lack of agenda.

Meeting 2025-10-07 (Mandarin/Chinese) (Canceled)

- Meeting cancelled due to National Day holiday.

Meeting 2025-09-30 (English) (Canceled)

- Meeting cancelled due to National Day holiday.

Meeting 2025-09-23 (Mandarin/Chinese)

- Attendees:
 - Hongcai Ren
 - Zhen Chang
 - Quanheng Gu
 - Wang
 - Yantao Yu
 - XuzhongZiheng
 - Zhuang Zhang
 - Owen Lin
- Agenda:
 - [xuzhongziheng] More accurate resource modeling
 - currently use Karmada to schedule GPU workloads, and enabled ResourceModel based estimator
 - Inferring and training job running in same cluster
 - Do not know what happened.
 - [xuzhongziheng] “Best Effort” rather than “ScheduleBindingFailed”
 - Users want to schedule a deployment with 10 Pods, but target cluster can only accomante 5Pods, can Karmada just schedule 5 Pods?
 - Similar to [#6333](#)
 - [xuzhongziheng] [Binding Priority and Preemption Proposal](#)
 - Expects on-line applications preempts offline jobs.

Meeting 2025-09-16 (English)

- Attendees:
 - Hongcai Ren
 - Wei-Cheng Lai
 - Michas Szacillo
 - Li Wang
 - Owen Lin
 - Zhen Chang
 - Zhuang Zhang
- Agenda:
 - [RainbowMango] Release progress sync ([Planned in Release 1.16](#))
 - [mszacillo] Discuss multiple pod template phase II
 - [mszacillo] Discuss workload anti-affinity feature ([#6685](#))

Meeting 2025-09-09 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhuang Zhang

- Zhen Chang
- Yubin Lu
- Dekai Wu
- Owen Lin
- whosefrienda
- Jiang Xinrun
- Xinyuan Lyu
- Rongjun Wu
- Yiheng Ci

Agenda:

- [@RainbowMango] Release progress sync ([Planned in Release 1.16](#))
- [@RainbowMango] CNCF LFX 2025 term3 kick off.
 - [Volcano Job and Notebook](#)
 - [RayCluster and RayJob](#)
 - [TrainJob and SparkApplication](#)
 - [TFJob and PyTorchJob](#)
- [@luyb177] customize the control panel for karmadactl init ([#6637](#))
 - TODO:
 - Open an umbrella issue for this.
- [@ryanwuer] one cluster could be selected to schedule workloads that has been suspended ([#6730](#))
 - one of the datacenter disconnected, users expected to use the other datacenter
 - TODO:
 - Implements default ReplicaSet interpre
- [@whosefriendA] Add design documentation on adding dynamic rate limited eviction queues for cluster failure evictions
 - TODO:
 - Open an umbrella issue for this.
- [@Jiang] Research and Plan Formulation for the major version upgrade from Docusaurus v2 to v3
- [@XiShanYongYe-Chang] Whether to forbid the same resource multi dependency distribution: [Solution Analysis](#)

Meeting 2025-09-02 (English) (Canceled)

- Meeting cancelled due to a lack of agenda.

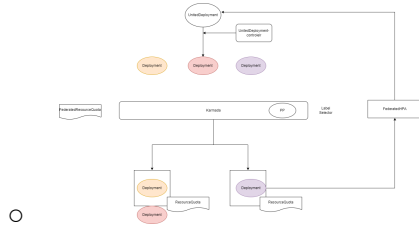
Meeting 2025-08-26 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhuang Zhang
- Zhen Chang
- alex
- whosefrienda

Agenda:

- [XiShanYongYe-Chang] Add UT for service-export-controller (#6650)
- [alex337] Sharing and consultation on how to deploy UnitedDeployment in a multi-cluster environment
 - UnitedDeployment is essentially a multi-podtemplate workloads, which is consist of multiple components. But each components shares same image.



Meeting 2025-08-19 (English) (Canceled)

- Meeting cancelled due to a lack of agenda.

Meeting 2025-08-12 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhen Chang
- Jiang Xinrun
- Yi Wu
- Zhuang Zhang

Agenda:

- [NickYadance] Synchronize search cache before starting Karmada search controller(#6554)
 - Found at v1.4, affected < 1.7
 - join the adopter group:
<https://github.com/karmada-io/community/tree/main/adopter-group#for-additional-developers-from-an-existing-company>
 - sharing use case:
 - during unjoin, do not want to clean resources on member cluster
 - do not have a solid case for it yet, just feeling unsafe
 - don't expect Karmada automatically deletes any resources without user's input.

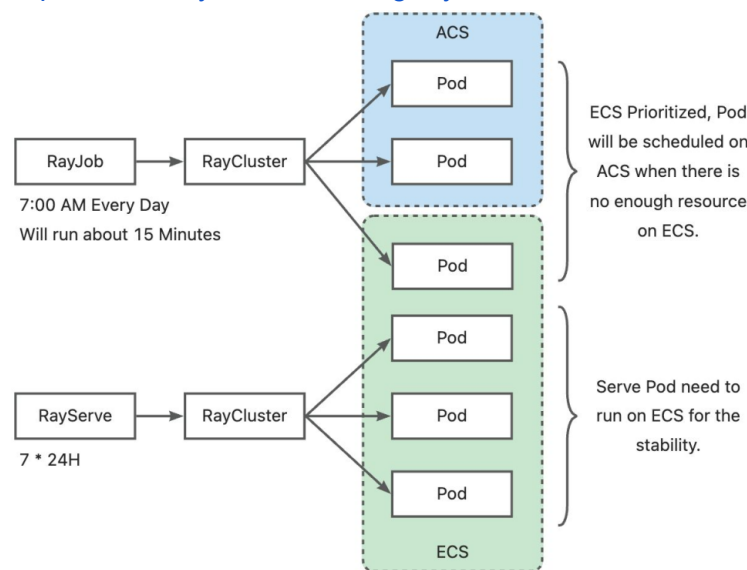
Meeting 2025-08-05 (English)

Attendees:

- Hongcai Ren
- Wei-Cheng Lai
- Michas Szacillo
- Li Wang

Agenda:

- [@mszacillo] Recommendation for resolution strategy (Abort vs. Overwrite)
- [@RainbowMango] Multiple Pod Templates Scheduling Proposal ([#6535](#))
- Large Scale Ray ML Platform cc @mszacillo
 - <https://www.anyscale.com/blog/ray-on-alibaba-cloud-building-an-ml-platform>



- <https://www.anyscale.com/blog/tencent-weixin-ray-large-scale-deployment>,

Feature	AstraRay	KubeRay
Scale for a single application	Millions of nodes	Up to 1000 nodes
Support for unstable resources	Supported	Not supported (high failure rate)
Scaling on heterogeneous resources (multi-cluster)	Supported	Limited - single Kubernetes cluster only
Resource utilization	High	Relatively low

Meeting 2025-07-29 (Mandarin/Chinese)

Attendees:

- Ren

Agenda:

- [@deikaihu] Share a experience of renewing certificate from Brain-inspired
 - Installation tool: Helm chart. v1.10.

- Steps:
 - Update Secrets which hold certifications
 - Restart components
 - Update certifications in webhook configuration, apiService,
- Note:
 - Start a new test Karmada instance with helm chart, and get the certifications from there
 - [Automation: One-click automatic certificate renewal](#)
- [@deikaihu] Share the use case from [Brain-inspired](#)
 - Background: computer resource increased recently, need a way to use the limited resource more efficiently.
 - Notes:
 - version-controller is used to dynamic generates the OverridePolicy. It is worth to note that the it is possible the job has been propagated before overridepolicy.
- [@RainbowMango] Multiple Pod Templates Scheduling Proposal ([#6535](#))

Meeting 2025-07-22 (English)

Attendees:

Agenda:

- [@mszacillo] ([#6518](#)) Scheduler should spread workloads across clusters during failover
 -
- [@mszacillo] Review workload anti-affinity use-case
- [@RainbowMango] Multiple Pod Templates Scheduling Proposal ([#6535](#))

Meeting 2025-07-15 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhen Chang
- Zeyu Zhao
- Zhuang Zhang
- Wenjiang Ding
- Jing Cai
- lcw2
- zhanlong.cong

Agenda:

- [@vie-serendipity] Share use case of propagating inferencesservice of kserve
 - Problems:
 - Each InferenceService should have a related pp, which is complicated to users.
- [@vie-serendipity] Talk about scenarios about MinReplicas [#6520](#)
 - Scearioes:

- propagating Deployment(3 replicas) with static weight 3:1
 - propagating Deployment(3 replicas) with Dynamic weight
- Gaps
 - Some of the cluster might no replica assigned which is not acceptable in HA case (using Karmada for workload HA)
- Proposal:
 - Changes to API:
 - approaches:
 - refine the legacy StaticWeightList and DynamicWeight
 - Introduce `preferredWeightList` and `preferredDynamicWeight` in ClusterPreferences
 - Introduce ClusterConstraint in PropagationPolicy
 - Changes to webhook:
 - might not work
 - Changes to scheduler:
 - Need to explore if we change the assign logic would break backward compatibility.
- Questions:
 - One of the corner case is that there is only 1 replicas, how to assign it by weight like 3:1?
 - no such use case.
- Next move: clarify if adjust the replica assign logic break back compatibility.

Meeting 2025-07-08 (English) (Canceled)

- Meeting cancelled due to no host available for this meeting. (Moved topic to next meeting)

Meeting 2025-07-01 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhen Chang
- RongJun Wu
- Zhuang Zhang
- Qiangqiang Chang

Agenda:

- [@Ryanwuer] Share the use case from [Netease Music](#)
 - Concerns:
 - When changing placement, like rebalance replicas from 2 clusters to 1 cluster, like $(A + B) \rightarrow (A)$, there replicas on B will be removed immediately, and replicas on A will be grow up slowly. That's concerning.
 -
 - karmada-dashboard only use it to join cluster

- [@Shuanglu] Feedback gathering: [The best practice about webhook management with Karmada](#). Since all resources are initially deployed to the Karmada API server, its webhooks will also intercept those requests—even though there's no actual backend to handle them. Currently, we use a WebhookConfiguration as a placeholder with empty webhooks, and apply override policies to inject the desired webhook behavior. Feel free to join the discussion if you have a better approach.
 - Similar situation might happen when propagating RBAC Resources.
- [@CharlesQQ] The fields related to pp and rb may be different ([6379](#))
- [@XiShanYongYe-Chang] Work Dispatching status condition maybe set incorrect([6509](#))

Meeting 2025-06-24 (English) (Canceled)

- Meeting cancelled due to a lack of agenda.

Meeting 2025-06-17 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- ChangZhen
- He Junhua
- Jiang Chao
- Zhang Zhuang
- le
- hmx
- Rongjun Wu

Agenda:

- [@Patrick0308] Share a experience of renewing certificate from Longbridge
 - current version: v1.9.1
 - installed with helm (was thought root CA dasy is 5 years) pull mode
 - enhancements made so far
 - [#6447](#) make root ca expiry configurable and defaults to 10 years
 - [#6395](#) supports upgrade karmada by helm
 - <https://karmada.io/docs/next/administrator/security/cert-framework>
 - next move
 - Introduce a guideline of how to renew certificate.
 - Introduce tools to renew certificate
- [@Ryanwuer] Discuss the weight calculation logic ([#6424](#))
 - An application was deployed in two clusters.
 - with static weight
 - argocd + Karmada
 - Why need static weight?
 - Migrate application to another cluster by steps:
 - M:N:1 , then
 - M:N:2, then
 - M:N:N, then
 - M:0:N

- [[@XiShanYongYe-Chang](#)] For the scheduler APIEnablement plugin, scheduled resources are never deleted under any situation ([#6461](#))
 - No objections so far

Meeting 2025-06-10 (English) (Canceled)

- Meeting cancelled due to [the KubeCon China 2025](#)

Meeting 2025-06-03 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- wangxigang
- Chang QiangQaing
- zhzhuang
- changzhen
- HHMMXX
- Richard W

Agenda:

- [[@xigang](#)] Share the use case from [KuaiShou](#)
 - Support workloads
 - MySQL, Redis, HBase, Flink(FlinkDeployment), etc
 - Customized federated scheduler
 - Integrated kubeblocks
 - Contribution back to community
 - pb support #4405
- [[@Patrick0308](#)] Share a experience of renewing certificate from Longbridge
 - Moved to next meeting as

Meeting 2025-05-27 (English)

Attendees:

- Hongcai Ren
- Leela Parsad
- Mohsin
- changzhen
- Michas
- Yao Lin
- zhzhuang
- Li Wang

Agenda:

- [[@likku123](#)] Argoworkflow InterpretsStatus and AggregateStatus implementation ([Discussion #5232](#))
 - Notes: No gap so far except the workaround for Argoworkflow CRD
 - Will talk to argoworkflow community why they not support sub-resources(status)

- [[@likku123](#)] Ray jobs resource interpreter make as built in support for Karmada ([issue 5115](#))

Meeting 2025-05-20 (Mandarin/Chinese)

Attendees:

- Zongqing Li
- Baolong
- Hongcai Ren
- Zhuang Zhang
- Zhen Chang
- Devarsh Shah

Agenda:

- [[@RainbowMango](#)] Feedback on Multi-Cluster Terminology (Host Cluster) in Karmada
 - Background see last week meeting
- [[@RainbowMango](#)] v1.14.0 release updates
 - See the items in [Karmada Overall Backlog](#) “Planned in Release 1.14”
 - cut at the end of this Month
- [[@Devarsh Shah](#)] Question about `hack/local-up-karmada.sh`

Meeting 2025-05-13 (English)

Attendees:

- Hongcai Ren
- Zhuang Zhang
- Zhen Chang
- Wei-Cheng Lai
- Michas Szacillo
- Corentin Debains
- Weichao Wang
- Wenjiang Ding

Agenda:

- [[@RainbowMango](#)] Feedback on Multi-Cluster Terminology (Host Cluster) in Karmada
 - Background
 - The Kubernetes SIG-MC is trying to establish a standard definition for a central cluster(In Karmada aka. “Host Cluster”), the definition could be used among projects like **Karmada**, **OCM**, **clusternet**, **KubeAdmiral**, **MCO** and any other projects which focus on solving multi-cluster challenges. The proposal can be found [at here](#).
 - The Karmada community needs to gather the feedback about this proposal and evaluate the potential impacts if Karmada changes the concept, because some of the Karmada adopters might be using the

- conectp in their product interfaces. Particularly, there are [some adopters](#) are using Karmada in their cloud services.
- Propose a survey in Karmada community
 - Your Name?
 - Your Company?
 - Your Contact Email?
 - Are you using Karmada in production?
 - Do you think Karmada should follow SIG-MC's concept?
 - Do you support SIG-MC defining a standard concept?
 - Which term do you prefer for the concept?
 - Management Cluster
 - Hub Cluster (used by OCM)
 - Command Cluster
 - Host Cluster (used by Karmada, KubeAdmiral, inherited from Kubefed)
 - Meta Cluster/Workload Cluster
 - Would changing "Host Cluster" impact your usage of Karmada?
 - Additional comments or concerns?
- [mszacillo][seanlaii] Question on validation webhook for ResourceQuotaEnforcement feature
 - Validating when scheduler tries to create/update ResourceBinding
 - For creation event, the .spec.cluster
 - For updating event, check if the .spec.cluster changes

Meeting 2025-05-06 (Mandarin/Chinese) (Canceled)

- Due to the International Labour Day

Meeting 2025-04-29 (English)

Attendees:

- Hongcai Ren
- Zhuang Zhang
- Michas Szacillo
- Li Wang
- Bhaumik Patel

Agenda:

- [mszacillo][lwang][CaesarTY] FederatedResourceQuota proposal ([#6181](#))
 - Hongcai: It's a good candidate for [KubeCon NA 2025\(DL: May 27\)](#)
 - ZhangZhuang: [FederatedResourceQuota Design](#)
 - Note:
 - Zhuang shared another idea, based on Michas's proposal([#6181](#)), about how to implement the webhook for validating workloads by monitoring ResourceBinding only

- We are trying to deliver this feature in release 1.14, which is planned by the end of this month. We might not have enough time to finish entire feature, we can try to make a MVP version.

Meeting 2025-04-22 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- changzhen
- Zhang Zhuang
- Junhua He
- Cheng Xiangdong

Agenda:

- [@chengxiangdong] Apply for the addition of a Terraform provider subproject to support the use of Terraform to manage Karmada resources.
 - Notes
 - What's the proposal all about?
 - Manage resources(PropagationPolicy, Deployments) in the [IAC way](#).
 - What's the motivation?
 - As the Karmada user, they want to use terraform to manage resources, and publish karmada official provider to [terraform registry](#).
 - What's the use case, use story?
 - Create/Update/Delete resources with terraform.
 - Is the license appropriate/compatible with Apache license?
 - Directly dependencies
 - a. github.com/hashicorp/go-cty
 - [Licensed under MIT](#)
 - **But not apply [CNCF Allowlist License Policy](#) as it doesn't have at least 10 stars or 10 forks. (Needs confirm with lawyer or experts)**
 - b. github.com/hashicorp/terraform-plugin-sdk
 - Licensed under Mozilla Public License 2.0
 - **Not apply [Approved Licenses for Allowlist](#) (Needs confirm with lawyer or experts)**
 - Is there a stable team to maintain this continually?
 - Yes
 - Who will be the first end user?
 - HuaweiCloud
 - Conclusion
 - The license might be the biggest concern to move forward. We need to check if the license fully apply CNCF policies, and also take a look against [OpenTofu](#)
 - Discuss the license and OpenTofu at following meeting.
- [@whitewindmills] PR discussion [#6277](#)

- Notes:
 - Problem
 - The kube-apiserver with configuration
–shutdown-delay-duration=60s, with multiple replicas
 - kube-apiserver was upgrading, one of the replica is destroying, so the /readyz returned failure
 - Karmada detects cluster healthy by /readyz 3 times, and result in Cluster not ready
 - The monitor system alarms.
 - This is a false-positive warning.
 - Conclusion
 - We are agree to go with the approach proposed in the PR, if the /readyz returned failure, with status code 500, try with the /healthz
 - Given /healthz was deprecated in Kubernetes v1.16, we don't know when this endpoint will be removed, so we need a E2E test.
 - The E2E test should be included in this PR.

Meeting 2025-04-15 (English)

Attendees:

- Hongcai Ren
- Weicheng Lai
- Li Wang
- Zhuang Zhang

Agenda:

- [@seanlaii] E2E tests for priority scheduling ([#5961](#))
 - Agreements:
 - Add e2e test for checking if priority value is correctly populated to resourceBinding.
 - For priority queue functionality, we could use unit tests to test the functionality.

Meeting 2025-04-08 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhen Chang
- Zongqing Li
- Zhuang Zhang
- Ding Wenjiang
- Kit
- Zhaoyi Fu

Agenda:

- [@zach593] Replace asyncWorker with controller-runtime reconciler ([#6251](#))

- Why?
 - Maintain same stack, save maintain effort
 - Unify metrics names, for better insight
- How?
 - Don't have a POC/Demo yet
- What effect?
 - asyncWorker max-retries 15times, but controller-runtime always retry
- [zach593]replace stopCh with context ([#6271](#))
 - Makes sense.
- [tiansuo114] An attempt at certificate separation for karmada components([#6189](#))
- [XiShanYongYe-Chang] summer-ospp 2025 [call for projects](#)
- [XiShanYongYe-Chang] Optimize Cluster Failover ([#6274](#))

Meeting 2025-04-01 (English) (Canceled)

- Due to KubeCon EU

Meeting 2025-03-25 (Mandarin/Chinese)

Attendees:

- Hongcai Ren
- Zhen Chang
- Zongqing Li
- Zhuang Zhang
- Dekai Hu

Agenda:

- [Dekai] How to ensure Jobs are propagated as the order of the are created?
 - Notes
 - They are propagating Jobs(CRs) to create/delete nodes
 - They hope the Job for creating nodes could be propagated before the Job for deleting nodes, otherwise the Job for deleting would fail and get dropped, result in a nodes can not be removed.
 - The CR controller running on member cluster reconciles the CR by the order of CR creation time
 - They are run Karmada v1.10.
 - Suggested to run a workflow on top of Karmada, but Dekai is the administrator of the platform, he can't control how and when the user deploys Jobs to Karmada.
 - Suggested to run a queue-controller on top of Karmada, which can control when and which Job should be propagated to member clusters. Will sync back to community then.

Meeting 2025-03-18 (English)

Attendees:

- Hongcai Ren,
- Michas Szacillo
- Li Wang
- wlai108
- Yao Lin
- zhzhuang

Agenda:

- [[@mszacillo](#)] FederatedResourceQuota proposal: ([#6181](#))
 - Reuse existing Overall field within FederatedResourceQuota
 - Update diagrams used in motivation sections to include FlinkDeployments

Meeting 2025-03-11 (Mandarin/Chinese)

- Meeting canceled due to lack of agenda.

Meeting 2025-03-04 (English)

Attendees:

- Hongcai Ren
- Kevin Wang
- Michas Szacillo
- Zhuang Zhang
- Li Wang
- Zhen Chang
- Leon
- Yao Lin

Agenda:

- [[@mszacillo](#)] FederatedResourceQuota proposal: ([#6181](#))
 - Make motivation more clear for those who do not use failover features
 - Optimize controller design (using cache instead of getting all RB each time)
 - Consider creating a separate API from existing FederatedResourceQuota
- [[@RainbowMango](#)] Special slot for project meeting at Maintainer Summit EU
 - 55 mins for project meeting: [link to the schedule](#)
 - Date&Time: Monday March 31, 2025 10:15 - 11:10 BST
 - Venue: Level 3 | ICC Capital Suite 13
 - Separated registration (for free): [link to registration entry](#)
 - Don't forget to register for the maintainer summit. It's for free, but **please point out that you are a member of the Karmada project (and apply to join if you are not yet a member of the Karmada github org!)**

Meeting 2025-02-25 (Mandarin/Chinese)

Attendees:

- Hongcai Ren

- Changzhen
- zongqingli
- zhzhuang
- cuichaojie
- tian
- dingwenjiang
- mutu

Agenda:

- [LivingCc] How to prevent schedule old version workload? ([#6156](#))
 - TODO:
 - Reproduce: schedule workload with 0 replicas result in more than one clusters? <bug>
 - How to skip re-schedule for workload type?
 - Is it reasonable to re-schedule workload when new cluster joined?
 - How classify resource type?
 - workload
 - non-workload

Meeting 2025-02-18 (English)

Attendees:

- Michas Szacillo
- Kevin Wang
- Hongcai Ren
- changzhen
- lzhou286
- Yao Lin
- zhzhuang

Agenda:

- [mszacillo] Workload anti-affinity support ([#4968](#))
 - [Kevin]: another option is to consider using duplication mode + spread-by-constraint to achieve this. It's helpful comparing these 2 approaches.
- [mszacillo] Review FederatedResourceQuota enhancement ([#5271](#))
 - [Design doc](#)
 - [Michas] Publish a proposal document with implementation details as well as trade-offs between using admission webhook vs controller
 - Also add latency measurements between approaches

Meeting 2025-02-11 (Mandarin/Chinese)

Attendees:

- Dong Jiang
- Hongcai Ren
- Zongqing Li
- Chang Zhen

- Zhuang Zhang
- Chaosi Pan

Agenda:

- [@dongjiang1989] Share use cases about multi-cluster scheduling
 - And [several PRs](#)
- [@XiShanYongYe-Chang] [Cluster Failover 优化](#)

Meeting 2025-02-4 (English) (Canceled)

- Meeting canceled due to Chinese New Year holiday!

Meeting 2025-01-28 (Mandarin/Chinese) (Canceled)

- Meeting canceled due to Chinese New Year holiday!

Meeting 2025-01-21 (English)

- Meeting canceled due to lack of agenda.

Meeting 2025-01-14 (Mandarin/Chinese)

- [@RainbowMango] Proposal of Karmada Adopter Group. ([#95](#))
- [@charlesQQ] The resource spec contents of pp and rb are not synchronized in time. ([#5996](#))

Meeting 2025-01-07 (English)

- [@deefreak] Descheduling support for FlinkDeployments. ([#5987](#))
- [@mszacillo] Workload anti-affinity support ([#4968](#))
- [@seanlaii] What is the recommended way to retrieve status from Karmada? from ResourceBinding or use AggregateStatus interpreter and get status from the resourceTemplate?
 - @RainbowMango: Didn't see you on the meeting, just share a little bit here
 - Yeah, you can retrieve statu resource template or ResourceBinding, also, some users are using `karmada-search` to aggregate the status too. That really depends on your use case.
 - Please share more details about your use case.
 - @seanlaii: Sorry, I forgot to check the calendar, and thought the calendar change would apply to the next meeting.
 - Our use case is that if the resourceTemplate fails to be created in the execution cluster, we will need to know the error, which currently exists in the appliedMessage of the resourceBinding. If it is successfully created, then we need the status from the member cluster.
 - I have tried to use the aggregatedStatus interpreter, however, we might need to introduce extra fields such as clusterName in our CRD to preserve full info from resourceBinding.

- If I use resourceBinding, since there is no webhook for us to customize the resourceBinding's annotation or labels, we would need to reference the resourceTemplate or try to customize the name of the propagationPolicy if we need some additional info.
 - So just curious about if you have any suggestions. Thank you!
- [@jbellard] Support for Priority Class Config of Components in Karmada Operator (#6010)
 - @RainbowMango, sorry Joe, we changed the meeting time 1 hour earlier from this week. my bad! But i will review your PR and will share my comments there.

Meeting 2024-12-31 (Mandarin/Chinese)

- [@charlesQQ] The resource spec contents of pp and rb are not synchronized in time. (#5996)
- [@charlesQQ] The resource spec contents of spec PP and RB fields are always different. (#5999)
- [@XiShanYongYe-Chang] Whether to forbid the same resource multi dependency distribution (#6000)

Meeting 2024-12-23 (English)

- [@mszacillo] Discuss stateful cluster failover feature
- [@mszacillo] Discuss federated resource quota and workload anti-affinity features (#5179, #4968)

Meeting 2024-12-17 (Mandarin/Chinese)

- [@whitewindmills] Propose binding priority and preemption(<https://github.com/karmada-io/karmada/pull/4993>)

Meeting 2024-12-10 (English)

- [@RainbowMango] Postpone this meeting as no host could present this meeting.

Meeting 2024-12-03 (Mandarin/Chinese)

- [@RainbowMango] General introduction of the v1.12 releases ([release note](#))
- [@RainbowMango] Call for feature proposals for next release cycle
- [@charlesQQ] Add a new parameter to the karmadactl command called update (#5904)
- [@charlesQQ] karmada controller reconcile performs performance optimization (#57905902)
- [@changxuzheng] Support for resource scheduling suspend and resume capabilities (#5690)

Meeting 2024-11-26 (English) (Canceled)

- Meeting canceled due to lack of agenda.

Meeting 2024-11-19 (Mandarin/Chinese)

- [CharlesQQ] karmada controller reconcile performs performance optimization([#5790](#))
 - 7000 Deployment, need 15min reconcile in detector
 - upgrade to 96 core, 60, 1min reconcile
 - OverridePolicy
 - per Deployment 2.2s
- [CharlesQQ] Add prometheus counter metrics for asyncWorke([#5791](#))

Meeting 2024-11-12 (English)

- [XiShanYongYe-Chang] Stateful Application Failover Support ([#5251](#))
- [jabellard] Support for Custom CA Certificate in Karmada Operator ([#5794](#))

Meeting 2024-11-05 (Mandarin/Chinese)

- [fuzhaoyi] Discuss the necessity of adding the `karmada init --dry-run` command to facilitate adding e2e test cases for `karmada init` ([#5407](#))
- [changzhen] Disable a single resource multi dependency distribution ([#5743](#))
- [chaosi-zju] Introducing a scheduling strategy to customize cluster propagation priorities II ([#5512](#))

Meeting 2024-10-29 (English)

- [jabellard] External etcd Support for Karmada Operator ([#5699](#) & [#5720](#)):
These PRs have already been merged. Possible to get this feature as part of an alpha release?
 - We will cut the alpha.2 or beta.0.
- [jabellard] Add API Server Service Information to KarmadaStatus ([#5599](#))
 - Service reference VS Service details, which is expected?
 - Actually a Service reference would be enough.
 - People can get everything from the whole Service
 - karmada-operator only tells where to find the service and which port people should use to talk to Karmada.

Meeting 2024-10-22 (Mandarin/Chinese)

- [fuzhaoyi] Discussion on the necessity of adding a feature to karmadactl that displays the deployment images required by the init command.([#5306](#))
- [zhzhuang] When maxgroup is not set, ignore this field ([#4617](#))
- [ipsum-0320] (OSPP) Discussion the new way of calculating the group score ([#5620](#))
- [lcw2] Discussion on the one cluster should have only a transport ([#5615](#))

Meeting 2024-10-15 (English)

- [@jabellard] External etcd Support for Karmada Operator ([#5536](#))
- [@jabellard] Add API Server Service Information to KarmadaStatus ([#5599](#))
- [@jabellard] Add the Ability to Specify the Namespace Used for Discovering Scheduler Estimator Services ([#5478](#)). This PR has already been merged, but is not yet released. Possible to release before v1.12?
 - We can cut a alpha release for this feature.
- [@mszacillo][@Dyex719] Failover history PR ([#5251](#))
- [@seanlaii][@LeonZh0u][@wengyao04]: [Discuss priority & preemption](#)

Meeting 2024-10-08 (Mandarin/Chinese) (Canceled)

- Meeting canceled due to lack of agenda.

~~Meeting 2024-10-01 (English) (Canceled)~~

- Meeting canceled due to the National Day in China.
 - 10.01~10.07

Meeting 2024-09-24 (Mandarin/Chinese)

- [@whitewindmills] Support anti-affinity between different workloads ([#4968](#))
- [@weidalin] Supports label selectors for WorkloadRebalancer to enable batch rescheduling([#5527](#))
- [@chaosi-zju] standardize the naming of karmada secrets across different installation methods ([#5363](#))
- [sophie luo] Introduced `FieldOverride` for overriding values in YAML or JSON. ([#5449](#))([#5581](#))([#5591](#))

~~Meeting 2024-09-17 (English) (Canceled)~~

- Meeting canceled due to the Mid-Autumn Festival holiday in China.

Meeting 2024-09-10 (Mandarin/Chinese)

- [sophie luo] Overriding values inside Configurations of Different Data Formats ([#5449](#))
 - Support both JSON and YAML
 - JSON:
 - patch
 - merge
 - YAML:
 - add/remove/replace/move/copy/test
 -
 - Not include XML, but it is fully extendable.
 -

- [[@chaosi-zju](#)] Introducing a scheduling strategy to customize cluster propagation priorities ([#5512](#))

Meeting 2024-09-03 (English)

- [[@jabellard](#)] Review Operator Support for Retrieving etcd Credentials from K8S Secret proposal ([#5260](#))
- [[@jabellard](#)] Review Operator Support for Extra Volumes and Volume Mount for api-server pod proposal ([#5276](#))
- [[@jabellard](#)] Feature request: Ability to Specify Namespace of Scheduler Estimator Services for Karmada Scheduler ([#5448](#))
- [[@mszacillo](#)][[@Dyex719](#)] Follow-up with failover-history PR ([#5251](#))

Meeting 2024-08-27 (Mandarin/Chinese)

- [[@Patrick0308](#)] add plaintext object overrider ([#5329](#))
- [[@Patrick0308](#)] support variable in override policy to simplify duplicate overrider config ([#4739](#)/[#4799](#))

Meeting 2024-08-20 (English) (Canceled)

- Meeting cancelled as the hosts are on the KubeCon China
- Moved agendas to next meeting.

Meeting 2024-08-13 (Mandarin/Chinese)

- [[@zhaoyi](#)] Karmadactl supports configuration files to deploy the control plane and adds the function of displaying the image list ([#4086](#)&[#3464](#))
 - zhaoyi: 目前karmadactl init命令有数十个cmd flag,在命令执行的过程中需要设置过多的参数,为了减少在命令行中使用过多的参数,提出了通过设置配置文件来进行部分参数设定的方式
此外,作为简化部署的另一部分,需要新增karmadactl config images命令,用于展示在部署时所需要的应用镜像,以便于用户通过提前下载用到的镜像减短部署时间
- [[@charlesQQ](#)] Set the conflictResolution field of the dependent resource to be consistent with the deployment ([5286](#))
- [[@charlesQQ](#)] Share the practice from MoMo about the Propagation Suspension feature
- [[@whitewindmills](#)] Unexpected resource eviction when APIEnablements are missing ([#5325](#) [#5216](#))

Meeting 2024-08-06 (English)

- [[@LeonZh0u](#)][[@seanlaii](#)][[@wengyao04](#)] [Discuss priority & preemption proposal](#).
 - Another [#4993 proposal](#).
 - Middle of Oct
- [[@Dyex719](#)][[@mszacillo](#)] Go over [failover history PR](#)

- [@mszacillo] Review FederatedResourceQuota enhancement (#5271)
- [@jabellard] Review Custom CRD Download Strategy Support for Karmada Operator PR (#5185)
-

Meeting 2024-07-30 (Mandarin/Chinese)

- [@zhzhuang] Enhance karmadactl operation and maintenance experience (#5245)
 - 兴彦: 当前提案中karmadactl把kubectl的大部分命令均囊括了, 随着kubernetes项目的迭代, karmadactl也需要同步进行适配; karmadactl可以作为kubectl的karmada插件进行使用, 因此karmadactl应该将重点放在与多集群相关扩展的命令上。
- [@ipsum-0320] [ospp-proposal] Support average replicas assign (#52https://github.com/karmada-io/karmada/pull/522525)
 - 强强: 对PropagationPolicy的扩展是新增了一种枚举值, 这种扩展方式意味着每次新增调度策略都需要修改PropagationPolicy的API, 能否对该API进行扩展, 使得用户能够进行自定义调度策略, 而不需要每次都来修改PropagationPolicy。相关提案:
- [@vacant2333] [Feature] Support merge GetDependensis result (#5121)
- [@charlesQQ] Use cascading deletion in Karmada #5101

Meeting 2024-07-23 (English) (Canceled)

- Meeting canceled due to the host conflict. Please add agenda to next meeting.

Meeting 2024-07-16 (Mandarin/Chinese)

- [@CharlesQQ] add docs for using cascading deletion(#5101)
 - 兴彦:
 - 资源删除时, 策略如果是保留的情况, 希望清除集群上资源的所有Karmada相关的label/annotation。
 - 朝思:
 - karmadactl unjoin时资源模板的删除策略如何考虑?
 - 跟随分发资源的删除策略由用户指定的话, 有点不灵活, 希望能够自动的探测被跟随的资源是否存在。
 - 常震:
 - namespace 删除时, 考虑namespace 下面是否存在资源
 - karmadactl delete 删除命令拆分出去, 和开源之夏的放到一起
 - 其他的级联删除策略保留可扩展性即可
- [@CharlesQQ] specify replicas strategy(#5158)
 - 旭征:
 - 通过增加assignReplica插件扩展点进行实现是否可行?
- [@veophi] Proposal of rollout interperter mechanism (#5056)
 - 强强:
 - 可以通过动态的调节OverridePolicy来实现么?
 - binding-controller 监听 成员集群资源的变化, 对性能的影响会不会比较大? 发布时遇到了组件重启或者切主, 对发布的时间周期影响。

Meeting 2024-07-09 (English)

- [Joe Nathan Abellard] Add the Ability to Provide a Custom CRD download URL for Karmada Operator ([#5122](#))
- [mszacillo][Dyex719] Discuss existing proposals for stateful failover ([#5116](#), [#5085](#))
- [bharathguvvala] Fresh rescheduling not happening via workloadrebalancer ([#5070](#))

Meeting 2024-07-02 (Mandarin/Chinese)

- [XiShanYongYe-Chang] Summer OSPP 2024 start ([#4879](#))
- [RainbowMango] Multiple components workload scheduling([#5085](#)) ([#5115](#))
- [XiShanYongYe-Chang] Support for cluster-level resource propagation pause and resume capabilities ([#5118](#))

Attendees:

- Hongcai Ren
- xiaoqing
- 张冠璟
- changzhen
- 王兴浩
- chauncey
- 潘朝思
- Zenghao Lin
- zhzhuang
- Lan Liang
- 毛吾乐
- 周仁天
- dingwenjiang
- 付昭毅
- tiansuo
- hejunhua
- hlz
- charles
- ChaoSi
- He Li
- 余浩铭

Meeting 2024-06-25 (English)

- [mszacillo] Accurate estimator improvements for CRD scheduling ([#5085](#))
 - spec.Components

Meeting 2024-06-18 (Mandarin/Chinese)

- [XiShanYongYe-Chang] kubectl support top pod/node command ([#5058](#))
 - Comments:

- [\[@chaunceyjiang\]](#) The fleet-apiserver is a completely optional component, it doesn't make sense to force the karmada-metrics-adapter to make changes for the fleet-apiserver.
 - [\[@chaunceyjiang\]](#) The functionality can be integrated into karmadactl.
- [\[@whitewindmills\]](#) Propose binding priority and preemption ([#4993](#))
 -
- [\[@veophi\]](#) Proposal of rollout interpreter mechanism ([#5056](#))
 - Comments:
 -

Meeting 2024-06-11 (English)

- [\[@mszacillo\]](#) [\[@Dyex719\]](#) Discuss proposal for stateful CRD support in Karmada

Meeting 2024-06-04 (Mandarin/Chinese)

- [\[@chaunceyjiang\]](#) OverridePolicy supports dynamic configuration mechanism ([#4799](#))
 - current OverridePolicy issues:
 - cannot reuse values
 - cannot set dynamic values
 - cannot refer value from the metadata
 -
- [\[@RainbowMango\]](#) Release 1.11 planning ([Backlog](#))
 -
- [\[@zhy76\]](#) Question about karmada scheduler

Meeting 2024-05-28 (English)

- Feasibility of enabling Karmada two way sync mechanism to allow object propagation for CRDs that depend on status and specs populated on worker clusters.
 - We have controllers that for better or for worse do the following operations
 - Generate other intermediate CRDs in the worker cluster that are required for correct functionality of our operations
 - Populate spec of CRs created in the worker cluster at runtime
 - Some CRs are highly dependent on status, removing the status from the CRD could lead to disaster
 - Problems that prevent us from using karmada to propagate objects for working clusters
 - Objects that had their spec populated on worker clusters trigger resync from the parent cluster causing a constant reconciliation battler.
 - spec gets populated by controller in working cluster
 - spec gets cleared by Karmada
 - Karmada does not migrate object status since it is never populated at the working cluster
 - Intermediate CRs are not synced back automatically to the cluster. From what I understand I have to do some sort of migration

Meeting 2024-05-21 (Mandarin/Chinese)

- [@XiShanYongYe-Chang] Extend the API field orphaningDeletion to prevent removal managed resources (#4788)
- [@whitewindmills] [Scheduler] about priority scheduling(#4938)
- [@chaosi-zju] [quick demo share]  demo of prometheus in karmada

Meeting 2024-05-14 (English)

Note: This meeting is at 10:00 AM New York time. (Convert to your timezone).

- [Aditya Addepalli] Discuss Flink use-case #4905
 - A main feature of flink is that it supports exactly once processing. In the case where there is a network failure between the Karmada control plane and a member cluster's control plane, Karmada will migrate the job since it cannot connect to the member cluster.

This will make the job run on the cluster the job migrated to and also the disconnected cluster which voids this constraint. (This can be thought of as a split brain scenario)

- [Kevin] Judging cluster status based on the connection between karmada control plan and member cluster api shall be the last step after other cluster problem detection. refer to <https://github.com/karmada-io/karmada/blob/master/docs/proposals/remediation/cluster-status-based-remedy.md> for more detailed cluster status detection.
- [Kevin] The most effective way to prevent two Flink applications from writing data simultaneously is to use a mechanism similar to leader election: i.e. in the init container, check if the pod "get the leader role" to write data. The benefit of this approach is that it can effectively prevent multiple instances from attempting to write the same data. However, the disadvantage is that it can't prevent Karmada from creating deployments in a new cluster during a split-brain status.

We would like to talk about what are the potential ways of solving this problem.

- Feasibility of enabling Karmada two way sync mechanism to allow object propagation for CRDs that depend on status and specs populated on worker clusters.
 - We have controllers that for better or for worse do the following operations
 - Generate other intermediate CRDs in the worker cluster that are required for correct functionality of our operations
 - Populate spec of CRDs created in the worker cluster at runtime
 - Some CRDs are highly dependent on status, removing the status from the CRD could lead to disaster
 - Problems that prevent us from using karmada to propagate objects for working clusters
 - Objects that had their spec populated on worker clusters trigger resync from the parent cluster causing a constant reconciliation battler.
 - spec gets populated by controller in working cluster

- spec gets cleared by Karmada
 - Karmada does not migrate object status since it is never populated at the working cluster
 - Intermediate CRDs are not synced back automatically to the cluster. From what I understand I have to do some sort of migration
-
- [@RainbowMango] Questions
 - Which deployment mode do you use?
 - **Application mode: managed by FlinkDeployment**
 - Session mode: managed by FlinkDeployment and multiple FlinkSessionJobs
 - How many replicas of JobManager and TaskManager?
 - In the quick start demo, there is only one JobManager(Deloyment) and one TaskManager(Pod), I wonder, how many replicas are typically used for them.
 - Can we observe the status of JobManager and TaskManager from FlinkDeployment?
-

Meeting 2024-05-07 (Mandarin/Chinese)

- [@XiShanYongYe-Chang] OSPP 2024 project introduction ([#4879](#))
- [@veophi] generation and observedGeneration of CloneSet in karmada is not aligned. ([#4866](#))

Meeting 2024-04-30 (English)(Canceled)

- Canceled due to a lack of agenda

Meeting 2024-04-23 (Mandarin/Chinese)

- [@charlesQQ] add workload annotation propagation policy.karmada.io/cluster ([#4440](#))
- [@chaunceyjiang] support variable in override policy to simplify duplicate override config ([#4739](#))

Meeting 2024-04-16 (English)(Canceled)

- Canceled due to a lack of agenda

Meeting 2024-04-09 (Mandarin/Chinese)

- [@charlesQQ] Does karmada can prevent removal of these managed resources [#4709](#)
 - Should we cleanup the labels/annotations from the resource on member clusters?
 - Change OrphaingDeletion type to enum

- How to handle namespace deletion which is controlled by namespace controller?
 - Should we introduce this feature to the other APIs other than PP/RB/Work?
 - How user get deletion behavior from resource template?
- [@charlesQQ]support canary release ([#4421](#))
- [@XiShanYongYe-Chang] [OSPP 2024](#)
 - Call for mentors and projects
- [@whitewindmills]Scheduling strategy enhancements about SpreadConstraints([#3243](#))
- [@whitewindmills]Scheduler: support the ability to automatically assign replicas evenly([#4805](#))

Meeting 2024-04-02 (English)(Canceled)

- Canceled due to a lack of agenda

Meeting 2024-03-26 (Mandarin/Chinese)

- [@warjiang] Draft design of karmada-dashboard ([Figma](#))
- [@chaosi-zju] Replica of workload gracefully reduction [proposal](#)

Meeting 2024-03-19 (English)(Canceled)

- Canceled due to KubeCon.
- Welcome to find us at KubeCon:
 - **Kiosk #:** PP18-B
 - **Kiosk Shift:** Part-time - PM (W, Th, F)
 - **Location:** Solutions Showcase | Level 7.2 | Hall 7.2 | Project Pavilion
 - **PM Shift Schedule**
 - Wednesday, 20 March: 15:00 - 20:00
 - Thursday, 21 March: 13:30 - 17:00
 - Friday, 22 March: 12:30 - 14:30

Meeting 2024-03-12 (Mandarin/Chinese)

- [@chaosi-zju] Proposal of actively trigger rescheduling [#4698](#)
- [@warjiang] Want to help with karmada-dashboard
 - Cluster register
 - PP resource CRUD.

Meeting 2024-03-05 (English)

- ~~[@wengyao04] Does Karmada search support pod logs [#4678](#)?~~
 kubectl get --raw
 /apis/[search.karmada.io/v1alpha1/search/cache/api/v1/namespaces/<namespace>/pods/<pod-name>/log](#)
- [@wengyao04] How to secure authToken of the managed clusters [#4677](#)
- [@a7i] ability to suspend work propagation

Meeting 2024-02-27 (Mandarin/Chinese)

- [@XiShanYongYe-Chang] Proposal of cluster problem detector and remedy system [#4651](#)

Meeting 2024-02-20 (English) (Canceled)

- Canceled due to a lack of agenda

Meeting 2024-02-13 (Mandarin/Chinese)

- Canceled due to the Chinese New Year Holiday

Meeting 2024-02-06 (English)

- [@wengyao04] How to build linkage between Job created in Karmada-API and Job created on the target cluster using k8s uid
 - [@RainbowMango] What kind of linkage? What's the use case?
 - Each job would have a unique uid no matter it is created in Karmada or member(target) cluster.
 - Use case:
 - Get Job metadata from the target cluster.
 - Approaches:
 - karmada-search: cache the resources in memory first.
 - <https://karmada.io/docs/userguide/globalview/global-search-for-resources>
 - <https://karmada.io/docs/tutorials/karmada-search>
 - Fleet API (experimenting)
 - Workaround:
 - sync metadata to ResourceBinding
- [@wengyao04] Publish Karmada Charts to <https://artifacthub.io/>
 - <https://artifacthub.io/docs/topics/repositories/>
 -

Meeting 2024-01-30 (Mandarin/Chinese)

- [@chaunceyjiang] When a resource is created for the first time, it should also be considered as a modification. ([#4583](#))
 - Feature concerns:
 - Policy [ActivationPreference](#) restricts policy creation ahead of resource template.
 - Actions:
 - Add more detailed feature descriptions by comments/docs to indicate the use case.
 - Maybe introduce another ActivationPreference in addition to 'Lazy' which can propagate resource templates that haven't been propagated.

- Maybe add a validation webhook to disallow/warning policy creation in case there is any matched resource template? (needs further discussion)

Meeting 2024-01-23 (English) (Canceled)

- due to a lack of agenda

Meeting 2024-01-16 (Mandarin/Chinese)

- [@tpiperatgod] Share the practice of manage a ZooKeeper Cluster with Karmada. [#4222](#)

Meeting 2024-01-09 (English) (Canceled)

- due to a lack of agenda.

Meeting 2024-01-02 (Mandarin/Chinese)

- [@chaosi-zju] [Graceful Rolling Upgrade of Propagation Policy](#)
 - When creating a new policy to take over the original policy and excluding the resources, how to ensure the resources exactly match the new policy?
 - Feature name might be misleading with deployment rolling upgrade.
- [@chaunceyjiang] When the resources of the member clusters change, karmada-scheduler should trigger a rescheduling. [#4434](#)
- [@chaunceyjiang] Set conflictResolution for dependent resources. [#4418](#)

Meeting 2023-12-26 (English) (Canceled)

- Merry Christmas and Happy New Year!

Meeting 2023-12-19 (Mandarin/Chinese)

- [@chaunceyjiang] A deployment with a GPU request can still be deployed to a member cluster without a GPU Node [#4435](#)
 - static weight policy doesn't take request resource into account
- [@zhzhuang-zju] Enhance karmadactl operation and maintenance experience [#4291](#)
- [@CharlesQQ] add workload annotation propagationpolicy.karmada.io/cluster [#4440](#)
 - retain Deployment replicas
- [@wawa0210] [karmada commercial support guideline by wawa0210](#) [#65](#)
- [@samzong] Karmada Business Partner Preview [website#531](#)

Meeting 2023-12-12 (English)

- [Yao Weng] Support resource quota as a filter in scheduler estimator
 - Why do we need it ? [\[issues-4369\]](#)
In our multi-tenant k8s clusters, we have namespace/ResourceQuota for each tenant

duplicated on all clusters.

For example

- cluster 1: namespace s-ns-1, resource quota hard: limits.cpu 40, limits.memory: 512Gi, requests.cpu 40, requests.memory: 512Gi
- cluster 2: namespace s-ns-1, resource quota hard: limits.cpu 40, limits.memory: 512Gi, requests.cpu 40, requests.memory: 512Gi

We want to use Karmada to manage cluster 1 and cluster 2. When users submit jobs from karmada, it should take ResourceQuota into account during the scheduling process. In a scenario where clients uses the entire quota from "s-ns-1" in Cluster 1 but still have sufficient quota to execute jobs in Cluster 2, karmada should filter out cluster 1 and pick cluster 2 as the target cluster.

- How to achieve it ? Proposal
 - Support resource quota as a plugin in scheduler estimator.
 - In k8s, resource quota is a default admission plugin. But when it comes to multi-cluster scheduling, it is cannot be a simple admission plugin, it is more like a filter
 - TODO
 - determine plugin interface in <https://github.com/karmada-io/karmada/tree/master/pkg/util/lifted/scheduler/framework>
 - register the plugin controlled by a feature gate
 - add priorityClass field in ResourceBinding
 - implement ResourceQuota plugin for scheduler-estimator
 - list/watch cluster's resourcequota
 - in phase 1, we can only support priorityClass as scope selector
 - the maximum available replica will be minimum replica estimated from ResourceQuota and cluster available resources
- FederatedResourceQuota
 - Current lack of support of priorityClass?

Meeting 2023-12-05 (Mandarin/Chinese)

- [@chaosi-zju] Statization of Propagation Policy [#4288](#)
- [@samzong] Business Adopters website design [website#515](#)
- [@liangyuanpeng] Create WG for cross-cluster stateful applications [community#63](#)

Meeting 2023-11-28 (English)(Canceled)

- canceled due to lack of agenda

Meeting 2023-11-21 (Mandarin/Chinese)

- [@jwcesign] MultiClusterService with native Kubernetes naming and resolution([#4287](#))
- [@XiShanYongYe-Chang] Fleet API
- [@chaunceyjiang] cross-cluster unified query([#4254](#))

Meeting 2023-11-14 (English)

- [@chaosi-zju] Extended resource support [demo](#)

Meeting 2023-11-07 (Mandarin/Chinese)

- [@wawa0210] Karmada Commercial Support ([link](#))
- [@samzong] Karmada Feature Roadmap use github repo project. ([link](#))
 - TODO: Exploratory task
 - TODO: Beginner training tutorial
 - TODO: Karmada and AI or LLM
 - Examples:
 - <https://github.com/orgs/stirz/projects/1>
 - <https://github.com/kubernetes/kubernetes/projects/10>
- [@Shuang Lu] Karmada HA Solution
 - <https://midbai.com/post/practice-of-karmada-as-cluster-resource-synchronization-in-disaster-recovery-systems/>

Attendees:

- Hongcai Ren
- Samzong Lu
- Xiao Zhang
- Zhen Chang
- Xiaoqing
- HappyBea
- Shuang Lu
- Wei Jiang
- zhzhuang
- Freedom
- Chaosi Pan
- Wei Jun

Meeting 2023-10-31 (English)

- [@wengyao04] Requirements for AI-training/Spark/Flink workloads

Bloomberg Cloud Native Compute Runtime teams are looking for k8s federation management tools. We are exploring [Karmada](#) and want to check with the community if Karmada can meet our requirements.

Federation Management Requirements

	Training runtime team	Spark runtime team	Flink runtime team
Batch job or	Batch job Kubeflow training	Batch job BB inhouse SparkJob	Long running job. you can think it is like a

long running server	operator		long running server
Extended resource support	Yes nvidia.com/gpu bloomberg.com/a100-gpu bloomberg.com/v100-gpu Resource model supports extended resources. GPU resource fragmentation issue https://github.com/karmada-io/karmada/issues/4050	No Only cpu/memory	No Only cpu/memory
Multi clusters management	Yes Easily register/deregister clusters If a cluster or a node of a cluster is tainted, will it be quickly picked up by Karmada ?	Yes Easily register/deregister clusters	Yes Easily register/deregister clusters
Custom resource support	Yes Achieved by custom resource interpreter But each team need to implement a webhook to translate/interpret the resources defined in the job	Yes Achieved by custom resource interpreter	Yes Achieved by custom resource interpreter
Cluster Failover/taint	No	Yes automatically migrates the faulty cluster replicas in a centralized or decentralized manner after a cluster failure. Cluster taint, and migrates clusters replicas We need this failover to support BB internal DR-1 test	Yes automatically migrates the faulty cluster replicas in a centralized or decentralized manner after a cluster failure. Cluster taint, and migrates clusters replicas We need this failover to support BB internal DR-1 test
Reschedule	Optional:	Descheduler(karmad	Descheduler(karmad

requirement	Trigger rescheduling based on instance state changes in member clusters.	a-descheduler): Trigger rescheduling based on instance state changes in member clusters.	a-descheduler): Trigger rescheduling based on instance state changes in member clusters.
Federated resource quota	No	We want to support a global resource quota cross multiple clusters	Yes
Monitoring https://github.com/karmada-io/dash-board	Yes Changelog for cluster registering/deregistering	Yes	Yes

Karmada Stability Requirement

- How does Karmada handle failover, does it align with Bloomberg DR (disaster recovery)
 - Bloomberg DR requirement: if one datacenter is down, is it easy to recover Karmada on the other datacenter that application team could not feel the down time and still able to submit jobs from Karmada
- Monitoring/metrics
 - <https://karmada.io/docs/administrator/monitoring/working-with-prometheus-in-control-plane/>
- scheduling/de-scheduling benchmark ?
 - We don't want Karmada to be the bottleneck for job submission.
 - <https://karmada.io/docs/next/developers/performance-test-setup-for-karmada/>
 - <https://karmada.io/blog/2022/10/26/test-report/>
 -

Meeting 2023-10-24 (Mandarin/Chinese)

- [@jwcesign] Label refactor([#4000](#))
- [@chaunceyjiang] Refactor hpa_replicas_syncer_controller using a more stable solution ([#4132](#))

Attendees:

- Hongcai Ren
- lizhen
- Chaosi Pan
- changzhen
- chauncey
- xsy
- Haiyu Zuo

- xiaoqing
- zhzhuang
- Ying Zhang
- Zhenwei Liu
- happyfire
- xxx
- rentian zhou
- Wei Jiang
- Xiao Zhang
- Chuanjia Lu

Meeting 2023-10-17 (English) (Canceled)

- canceled due to lack of agenda.

Meeting 2023-10-10 (Mandarin/Chinese)

- [[@zhy76](#)] Proposal of promoting dependencies([#4100](#))
 -
- [[@jwcesign](#)] Moving owner information into annotation([#3899](#))
- [[@bsbds](#)] Deploying resources that need inter-cluster communication ([#4077](#))
- [[@XiShanYongYe-Chang](#)] The replicas of deployment is incorrectly when the related HPA is abnormal ([#4109](#))
 - 4077
- [[@XiShanYongYe-Chang](#)] The replicas of deployment cannot be changed after hpaReplicasSyncer controller is enabled.([#4110](#))
- [[@chaunceyjiang](#)] Introduce a FieldPath to PlaintextOverride ([#4055](#))

Meeting 2023-10-03 (English) (Canceled)

- canceled due to public holidays

Meeting 2023-09-26 (Mandarin/Chinese) (Canceled)

- canceled due to [KubeCon China](#)

Meeting 2023-09-19 (English)

- [[@Affan-7](#)] Idea of automatic API document generation ([slides](#))

Meeting 2023-09-12 (Mandarin/Chinese)

- [[@Vacant2333](#)] KEP: Resource deletion protection proposal [#3802](#)
 - Introduce a label for end users to declare protection for individual resource
 - Introduce a configuration(CR) for administrator to declare protection for resource group, such as perform a security policy

- [[@RainbowMango](#)] Should we sync replicas back to the resource template if it is scaled in the member cluster? ([#4053](#))
 - Xingyan: Make sense
 - Zongqing: Make sense.
 - practice:
 - a controller sync replicas
 - a webhook check if sync complete
 - Changzhen: Make sense.

Meeting 2023-09-05 (English) (Canceled)

Meeting 2023-08-29 (Mandarin/Chinese)

- [[@RainbowMango](#)] v1.7 Release overview and v1.8 planning
 - v1.7 High light features:
 - CronFederatedHPA ([#3664](#))
 - PropagationPolicy priority and preemption ([#3684](#))
 - Cluster migration ([#3780](#))
 - FederatedHPA customized metrics
 - TBD(Please add features you like)
 - v1.8 planning
 - ResourceBinding lifecycle ([#3940](#))
 - Namespace deletion protection ([#3802](#))
 - Items in [milestone1.8](#)
- [[@Vacant2333](#)] Namespace deletions protection proposal, PR: [#3802](#)
- [[@chaunceyjiang](#)] MCS feature updates ([#3769](#))

Meeting 2023-08-22 (English) (Canceled)

Meeting 2023-08-15 (Mandarin/Chinese)

- [[@snowplayfire](#)] Is it appropriate to change --skipped-propagating-apis into --managed-propagating-apis? (Issue [#3866](#))
- [[@olderTaoist](#)] ResourceBinding lifecycle management ([#3940](#))
- [[@xiaoqing](#)] OverridePolicy improvement request. ([#3923](#), [#3927](#))

Meeting 2023-08-08 (English)

- [[@rossf7](#)] Demo carbon-aware-karmada-operator
 - A prototype operator I've been working on to move workloads to clusters with lower carbon emissions
 - Code <https://github.com/rossf7/carbon-aware-karmada-operator>

Meeting 2023-08-01 (Mandarin/Chinese)

- [[@RainbowMango](#)] Call for volunteers for KubeCon China 2023 Kiosk
 - [In-Person Kiosk Information](#)
 - Requirements:
 - Project contributors
 - Time
 - Wednesday, 27 September: 10:30 – 18:45
 - Thursday, 28 September: 10:30 – 14:00
 - current volunteers:
 - [@chaunceyjiang](#)
 - [@Vacant](#)
 - [@RainbowMango](#)
- [[@jwcesign](#)] Solving too long label values and resource name conflicts([Karmada命名设计](#))
 - Move long labels to annotation
 - Add short labels(with uuid) for label selector use case
 - Schedule:
 - v1.7 Add short labels
 - v1.8 Move long labels to annotation
- [[@chaunceyjiang](#)] Introduce a LabelSelector field to DependentObjectReference([#3800](#)) [demo]
- [[@Vacant2333](#)] Namespace deletions protection proposal, PR: [#3802](#)

Meeting 2023-07-25 (English)

- [[@chaosi-zju](#)] proposal: seamless cluster migration, PR: [#3824](#)
- [[@Vacant2333](#)] Namespace deletions protection proposal, PR: [#3802](#)

Meeting 2023-07-18 (Mandarin/Chinese)

- [[@whitewindmills](#)] spread constraints review([pr3662](#))
- [[@chaunceyjiang](#)] Introduce a LabelSelector field to DependentObjectReference([#3800](#))
- [[@chaunceyjiang](#)] Add Implementation for MultiClusterService([#3749](#))
How are svc-export and svc-import derived from MCS distributed to member clusters?
 - By PropagationPolicy ?
 - Need to create a user-oriented PropagationPolicy.
 - By ResourceBinding?
 - Requires user to set propagateDeps of PropagationPolicy to true
 - By Work?
 - Existing logic cannot be reused, and all logic needs to be re-implemented.
- [[@chaosi-zju](#)] proposal: seamless cluster migration, PR: [#3780](#)

Meeting 2023-07-11 (English)

- [[@jwcesign](#)] The cluster/proxy that unaware of the clusters(
  Cluster proxy enhancement).
- [[@XiShanYongYe-Chang](#)] Demo for the cluster/proxy is unaware of the cluster.
 <https://github.com/XiShanYongYe-Chang/website/blob/proxy-with-no-sense-of-cluster/docs/userguide/bestpractices/get-resource-without-cluster-name.md>

Meeting 2023-07-04 (Mandarin/Chinese)

- [[@zishen](#)] Add proposal for removeing "derived-" prefix of MCS([#2384](#), [pr3705](#))

Meeting 2023-06-27 (English)

- [[@XiShanYongYe-Chang](#)] Add proposal for MultiClusterService([#3636](#))
- [[@Poor12](#)] Add policy preemption proposal([#3684](#))

Meeting 2023-06-20 (Mandarin/Chinese)

- [[@XiShanYongYe-Chang](#)] Add proposal for MultiClusterService([#3636](#))
 - comments:
 - API fields name optimization:
 - .spec.backends
 - .spec.type
 - .spec.importCluster
 - more iteration tasks
- [[@jwcesign](#)] Add proposal for CronFederatedHPA([#3664](#))
 - comments:
 - lack of evidence to introduce maxDelaySeconds
 - If two timers arrive at the same time, what will happen?
 - The execution order cannot be guaranteed.
 - Need more clear comments for time-zone.
- [[@zishen](#)] Add proposal for removeing "derived-" prefix of MCS([#2384](#), [daft](#))
- [[@RainbowMango](#)] Call for spokesperson for Karmada at KubeCon China
 - program [infos](#)
 - Application Deadline: Friday, July 14.
 - Contact [@RainbowMango](#) DL:6. 30

Meeting 2023-06-13 (English)

- [[@jwcesign](#)] Propose cluster proxy without being aware of the member cluster([link](#)).
- [[@jwcesign](#)] Propose CronFederatedHPA to scale the workload at specific times([link](#)).

Meeting 2023-06-06 (Mandarin/Chinese)

- [[@whitewindmills](#)] Add new schedule condition when no cluster available([#3586](#)).
 - Scheduled condition:

- type: Scheduled (means successful scheduled or not)
 - status: true/false
 - reason/message: explain the status in detail
- [@chaunceyjiang] Introducing a karmadactl top command([#3593](#))
 - introduce `karmadactl top pod` (v1.7)
 - postpone `karmadactl top nodes`
- [@XiShanYongYe-Chang] Add proposal for MultiClusterService([#3636](#))
 - Add more details:
 - user story
 - proposal limitation
- [@Poor12] Add configurable cluster failover proposal([#3634](#)).
 - explain the relationship with featureGate

Meeting 2023-05-30 (English)

- [@RainbowMango] [Feature preview of release-1.6](#)

Meeting 2023-05-23 (Mandarin/Chinese)

- [@yike21] How to bundle `argoproj.io/v1alpha1/Workflow` into Resource Interpreter framework.([#3564](#), [#3551](#))
 - Stop aggregate status for Workflow as it doesn't support subresource.
- [@jwcesign] Centralized HPA introduction.([proposal](#))
- [@Garrybest] [Karmada scheduler framework](#)

Meeting 2023-05-16 (English)

- [@kevin-wangzefeng] Meeting kickoff
- [@jwcesign] General introduction to Karmada project and the community

Attendees:

- Kevin Wang
- Jose Santos
- Abhijeet Singh
- Yao Lin
- Mike Ng
- Zhe Cheng
- James Shen
- Wei Jiang
- Zach Feng (冯凯)
- Hongcai Ren
- CNCF Karmada
- yike21
- zhen chang
- Rakshit Gondwal

- Michael Chen
- Tania Duggal
- Ying Zhang
- 陈文
- iP
- Shamshad Ahmad
- Lan Liang
- Khalid Nadi
- nawaz siddiqui
- Zhenwei Liu
- Qi Chu
- chauncey
- Lewis Macdonald
- Matt
- Sujoy Dutta
- Tanggui Bian
- Yao Weng
- Kevin Deng
-

Meeting 2023-05-09 (Mandarin/Chinese)

- [wlp1153468871]Manage Multiple scheduling group individually ([#3383](#))
 - It's a reasonable feature, waiting for proposaul
- [CharlesQQ]scheduler-estimator support scheduler extender to calculate maxAvailableReplicas([#3447](#))
- [MingZhang-YBPS] support scheduling on multi-AZ cluster ([#3413](#))
- [jwcesign] Karmada Killercoda demo show([demo](#)).

Meeting 2023-04-25

- [GitHubxsy] Support MCI/MCS
 - Proposing **MultiClusterService** API
 - What's the difference between .metada.name and .spec.backend.serviceName?
 - MultiClusterIngress controller
 - Can we moving ingress rules to .spec instead of annotation?
 - meaning of .spec.rules.backend.serviceName should be clear
- [liangyuanpeng] Let images of kamada signed with cosign ([#3435](#))
- [liangyuanpeng] Config file for karmadactl.([#3464](#))
- [mkloveyy] Introduce cluster info in the reviseReplica or a new hook point for Resource Interpreter ([#3436](#))

Attendees:

- Hongcai Ren
- chauncey
- Zhen Chang

- make
- shi_yan
- ranzhou
- jiangwei
- FeiGao
- Ying Zhang
- york
- Rain
- yike21
- wangyang
- Kevin Wang
- Garrybest
- weiluping
- xieshiyi
- charles
- Lan Liang
- Freedom
- zach

Meeting 2023-04-11

- [[@lonelyCZ](#)] Adjust the Priority of General and Accurate Estimator of Karmada Scheduler([#3333](#))
- [[@chaunceyjiang](#)] Introduce an EnvOverride for OverridePolicy ([#3362](#))
- [[@chaunceyjiang](#)] Allows to propagate resources under the kube-system namespace.([#3369](#))
- [[@whitewindmills](#)] Retain imagePullSecrets of ServiceAccount by default.([#3370](#))
- [[@jwcesign](#)] Centralized HPA architecture.([#3379](#))

Attendees:

- Hongcai Ren
- Wei Jiang
- Zhe Cheng
- chauncey
- Zhenghao Zhu
- Dejin Zhang
- Zhen Chang
- Qiangqiang Chang
- Junhua He
- Yukun Zhang
- Ying Zhang
- Garrybest
- Fei Gao
- Shaojin Ren
- Tiecheng Shen
- Xiaolong Zhang

Meeting 2023-03-28

- [[@lonelyCZ](#)] Failed running kubectl-karmada within a pod([#3335](#))
 - Install Karmada by karmadactl init in-cluster, but no kubeconfig
 - concerns:
 - init now no in-cluster ability right now
 - solutions:
 - initialize before running init
 - **[decision]implemente the function in init ([#3338](#))**
- [[@chaunceyjiang](#)] predefined configurableInterpreter ([#2768](#))
 - build to binary
 - concerns:
 - binary size
 - code structure – [@xishanyongye](#)
 - dynamic apply
 - concerns:
 - No out of box functionality
- [[@jwcesign](#)] FederatedHPA proposal ([#3161](#)).
- [[@chaunceyjiang](#)] Optimize scheduler framework. ([#3318](#))

Attendees:

- Hongcai Ren
- Tiecheng Shen
- jiangwei
- Fei Gao
- changzhen
- chauncey
- ranzhou
- Junhua He
- zhang yukun
- Freedom
- Ying Zhang
- Garrybest
- Lan Liang
- Zhe Cheng
- yike21

Meeting 2023-03-14

- [[@lizhihui](#)] label nodes with karmadactl ([#3185](#)).
- [[@chaunceyjiang](#)] support SpreadByLabel constraints ([#3203](#))
- [[@Poor12](#)] application failover proposal and API review ([#3133](#))
- [[@wzshiming](#)] Use kwok in e2e instead of kind ([#2679](#))
- [[@wzshiming](#)] Add usage case to kwok's adopter list kwok.sigs.k8s.io/docs/adopters
 - <https://karmada.io/docs/developers/performance-test-setup-for-karmada/>

- [#2679](#) (if it merges)

Attendees:

- Hongcai Ren
- changzhen
- Wei Jiang
- Tiecheng Shen
- Shiming Zhang
- Zhe Cheng
- Lan Liang
- york
- chauncey
- ranzhou
- Garrybest
- Rain

Meeting 2023-02-28

- [[@RainbowMango](#)] Release 1.5 is coming!
- [[@jwcesign](#)] FederatedHPA proposal ([#3161](#)).

Attendees:

- Hongcai Ren
- Wei Jiang
- Zhihui Li
- Lan Liang
- Zhe Cheng
- changzhen
- Xingyan Jiang
- Tiecheng Shen
- yike21
- ranzhou
- Garrybest
- zhangyukun
- wulixuan
- chenleqi
- will
- cuichaojie
- Shiming Zhang
- charles

Meeting 2023-02-14

- [@RainbowMango] multiple scheduling group proposal ([#3126](#))
- [@Poor12] Rescheduling mechanism for unhealthy application state([#3133](#))

Attendees:

- Hongcai Ren
- sudo
- changzhen
- zhangyukun
- Tiecheng Shen
- ranzhou
- jiangwei
- york
- apple
- Zhe Cheng
- chauncey
- Fei Gao
- Jianxiang Sun
- Lan Liang
- lizhihui

Meeting 2023-01-31

- [caishu@flomesh.io] Use Flomesh with Karmada for multi-cluster service access
 - <https://github.com/flomesh-io/ErieCanal/wiki/MCS-Demo-with-3-k3s-clusters-by-ErieCanal-and-Karmada>
 -  karmada-flomesh-demo.pptx
 - Demo on Flomesh Web Console
- [@RainbowMango] CNCF LFX mentorship program 2023
 - call for proposals as well as mentors
 - **DL: 2023.01.31**
 - Proposing items:
 - Killercoda ([#3085](#))
 - testing ([#3086](#))
 - ResourceInterpreter ([#3087](#))
- [@RainbowMango] [Google Summer of Code 2023 CNCF Project Applications](#)
 - Deadline: The deadline to submit project ideas is **March 19, 2023**
- [@yanfeng1992] Dependencies distributor support use resources across ns
 - Refer to ([#3044](#))
- [samzong (samzong.lu)] <https://github.com/karmada-io/karmada/issues/2896>
upgrading member cluster namespace label with istio
 - label-managed-by-karmada: [1,2,3]

Meeting 2023-01-17

- [@RainbowMango] Integrate Trivy to scan vulnerability
 - <https://aquasecurity.github.io/trivy/v0.36/ecosystem/cicd/>
 - Refer to [#3048](#) for backgrounds.
- [@XiShanYongYe-Chang] Prevent resourcebinding controller from syncing in case of scheduling failure, refer to [#2967](#)
- [@RainbowMango] Preferred cluster group proposal
 - Refer to [#780](#)
- [@helen-frank] karmadactl join supports kubeconfig direct access
 - Refer to [#3050](#)
- [@carlory] Question: When a cluster's estimator call fails, it will cause other estimator results to not be used by the scheduler.

Meeting 2023-01-03 (canceled as COVID-19)

Meeting 2022-12-20

- [@ikaven1024] Demonstrate `edit` mode of karmadactl interpret ([#2831](#))
- [@dddddai] binding/work naming ([#2099](#), [#2090](#))

Meeting 2022-12-06

- [@RainbowMango] Looking features for release 1.5. All features will be tracked at [Release1.5 backlog](#)
 - annotation deletion
- [@carlory,@lonelyCZ] karmada-operator planning
 - [@RainbowMango] Should we develop the operator in karmada repo?
 - It depends. For now, continue in operator repo.
 - open question: what's the difference between operator version vs Karmada version?

Meeting 2022-11-22

- [@carlory]What's the version relationship of kubernetes between karmada control plane and member? ([#2757](#))
 - cluster management: v1.24, v1.18
 - possible solutions:
 - overridepolicy
- [@qiankunli] support elastic cluster [#2583](#)
- [@RainbowMango] PropagationPolicy priority API public review. ([#2758](#))
- [@dddddai] RB name collision ([#2099](#), [#2090](#))
- [@stingshen] Ensure no real case that needs propagate finalizers to member clusters ([#2810](#))
 - stop propagating finalizer from Karmada control.

-
- [@carlory] does karmadactl support to promote dependency resources automatically? ([#1862](#), [#1863](#))

Meeting 2022-11-08

- [@wuyingjun-lucky] OverridePolicy will not work if op is applied after PropagationPolicy and op has nil ResourceSelectors([2695](#))
- [@jameszhangyukun] Demo of [Configurable Interpreter](#).
- [@ikaven1024] Demonstrate karmadactl interpret([#2750](#))
- [@Poor12] Add placement for BindingSpec([#2702](#))
- [@Poor12] Karmada v1.3 performance report([Performance Report](#))

Meeting 2022-10-25

- [@lonelyCZ] Demonstrate auto certificate rotation function for karmada-agent ([#2596](#))
- [@jameszhangyukun] Demo of [Configurable Interpreter](#). ([Demo link](#))
- [@RainbowMango] Public review of Configurable Interpreter API. ([#2681](#))
 - alternative: <https://github.com/Shopify/go-lua>
- [@carlory] introduces a new sub command named validate. It validates resources and overrides policies before users apply them into karmada.
 - resource template → simulate OP →
 - resource template + OP → simulate OP
 - OP → dry-run →

Meeting 2022-10-11

- [@helen-frank] karmadactl init add (karmada-image-registry, karmada-image-tag) ([#2541](#))
 - [@RainbowMango] Agreed to introduced flags to specify registry and 'virtual' tags
- [@carlory] Support configure estimator address for karmada Scheduler [#2526](#)
 - OK.

Meeting 2022-09-27

- [@zhuyaguang] multi cluster logging with Grafana Loki
 - P: Promtail Grab logs from clusters
 - L: Loki Store logs
 - G: Grafana Show logs
- [@RainbowMango] [Karmada adopters!!](#)
- [@RainbowMango] disable [namespace controller](#) by default? ([#2512](#), [#2525](#))
 - @carlory: create ns automatically when applying to member cluster
 - @jw: label namespace to skip ns controller

- side effects if disable this controller:
 - more than one user applying resources to the same namespace, who takes the responsibility to create the namespace?
- [@RainbowMango] Should we introduce annotation/label override? ([#2556](#))
 - Yes. ([#2584](#))
- [@cmicat] Support Deploy karmada-scheduler-estimator in Physical Machine ([#2487](#))
 - The reason why not run Karmada in a standalone cluster
 - maintain a stand alone cluster bring a lot of maintain effort/resources

Meeting 2022-09-13

- [@ArenaSu] Federated API Gateway & federated Ingress Controller([#2443](#))
 - Reference: [APISIX](#)
- [@chaunceyjiang] Federated HPA ([#2484](#))
 - @Honghui
 - strong dependency on control-plane(scalability, performance)

Attendees:

- changzhen
- Hongcai Ren
- Teicheng shen
- ranzhou
- gaol
- zhuyaguang
- jingxueli
- hull
- yuleichun
- yusank
- yaowang
- Kevin Wang
- ArenaSu
- wangqi
- Zhe Cheng
- Honghui Yue
- jiangwei
- chauncey
- calvin0327
- Li Yasong
- Fire
- 张宇坤

Meeting 2022-08-30

- [@yy158775] Karmada display on Killercoda(<https://killercoda.com/karmada>)
- [@lonelyCZ] Demonstrate new registration method with bootstrap token([#2282](#))
- [@Poor12] Docs contribute guide(<https://github.com/karmada-io/website/pull/145>)
- [samzong (samzong.lu)] Karmada Multi-cloud cluster RBAC
 - <https://github.com/karmada-io/karmada/issues/2439>

Attendees:

- changzhen
- Hongcai Ren
- 于磊春
- gaol
- ranzhou
- chongbzh
- zxb
- deng
- 沈增涛
- wangxuedong
- Tiecheng shen
- yangyong
- Edison
- Dai Wenqing
- chauncey
- Yu Shan
- 应金辉
- Zhe Cheng
- Kevin Wang
- hanweisen
- calvin0327
- banyueerdong
- 梦羽清豪
- iPhone(4)
- charles
- suxiang
- O
- 船长
- Afzal
- natu

Meeting 2022-08-16

- [@RainbowMango] Reschedule when adding a new cluster ([#2301](#))
- [@RainbowMango] Next week's key points (included in v1.3 (2022.08.31))
 - Cluster Lifecycle Management ([#1762](#))
 - Graceful eviction ([#2281](#))
 - Resource interpreter(Health) ([#2354](#))
 - Karmada Proxy ([#2372](#))
 - Cluster Resource Modeling([#2379](#))
 - New cluster registration method with bootstrap token([#2282](#))
 - *<Please feel free to add tasks that you think should be included in v1.3>*
- [@chaunceyjiang] No need to propagate TTLSecondsAfterFinished ([#2294](#))
- [@ikaven1024] API for proxy ([#2366](#))
- [@calvin0327] karmada-operator summary controller

Attendees:

- changzhen

- Hongcai Ren
- qiuming
- xishengcai
- chauncey
- hull
- 应金辉
- Zhe Cheng
- banyueerdong
- Garrybest
- Tiecheng shen
- dwz
- 温玉
- 沈增涛
- hansedong
- calvin0327
- Dai Wenqing
- Li Yasong
- 梦羽清豪iPhone
- Gaoxiang.ZJ
- JohnJan
- iPhone(4)
- suxiang
- lirui9
- 船长
- 于磊春
- Jackson

Meeting 2022-08-02

- [@RainbowMango] [Karmada Partner Program](#) public review
- [@RainbowMango] Graceful eviction proposal([#2281](#))
- [@wuyingjun-lucky] Add karmada addons subcommand [#2134](#)
- [@wawa0210] [@calvin0327] [karmada operator](#) demo
- [@xsy]Discussion on Application Recovery Scenarios of Cluster Faults

Attendees:

- changzhen
- Hongcai Ren
- qiuming
- ddd
- Tiecheng shen
- zhangxiao
- hanweisen
- chauncey
- xsy
- liubeijie
- 船长
- 童超
- suxiang

- Garrybest
- lihanbo
- 应金辉
- Dai Wenqing
- hull
- Zhe Cheng
- lirui9
- Gaoxiang.Thomas
- 沈增涛
- banyueerdong
- He Li
- calivn0327
- 11085392
- Yu Shan
- duanmeng
- wuyingjun
- iPhone(4)
- carlory
- osullivan

Meeting 2022-07-19

- [@RainbowMango] Cluster Lifecycle Management ([#1762](#))
 - progress update
 - what's next
 - responsibility of scheduler/taint-manager/descheduler
 - cluster-controller: taint cluster when cluster becomes unhealthy
 - taint-manager: evict workload from clusters with `no-execute` taints
 - scheduler:
 - descheduler: eviction according to workload healthy state
- [@XiShanYongYe-Chang] Eviction improvement idea
 - PDB
- [@calvin0327] karmada installer <https://github.com/DaoCloud/karmada-operator>

Attendees:

- changzhen
- Hongcai Ren
- xishengcai
- qiuming
- joengiyu
- carlory
- Alan zhu
- Harry-isoftone
- prodan
- chauncey
- lubing
- fanxing
- yangyong
- chongbzh

- 梦羽清豪
- Zhiwen Gao
- eli
- gqx
- yangcheng
- Tiecheng shen
- calvin0327
- Garrybest
- zhuwentao
- hull
- 957
- Zhe Cheng
- sukai
- Kante
- chenhongxin01
- hansong
- Kevin Wang
- liys
- lirui9
- He Li
- jackzhang
- algebra2k
- kerthcet

Meeting 2022-07-05

- [@ikaven1024] Global resource proxying in Karmada([#2058](#))
- [@Garrybest] RB may not be created when delete and create the same object immediately([#2090](#))
- [@Garrybest] Discussion about adding propagate priority during scheduling([#780](#))

Attendees:

- changzhen
- Hongcai Ren
- qiuming
- Gaoxiang.Thomas
- chongbzh
- Tiecheng shen
- chenhongxin01
- jackzhang
- 957
- Zhe Cheng
- Fei Gao
- ning
- 应金辉
- Garrybest
- 缪超越
- eli

- 船长
- chauncey
- 11085392
- Li Yasong
- He Li
- Rong Zhang
- Zhiwen Gao
- liuxiyang
- 70data
- 朱正浩
- lihaobo
- dengweizheng
- hull
- hanweisen
- wuyingjun
- duanmeng
- guanxianliang
- xin
- bruce
- zhengguang

Meeting 2022-06-21

- [@RainbowMango] Karmada project [membership](#) request for review
 - karmada-search owners([#1980](#))
 - component & command owners([#2021](#), [#2029](#))
 - chart owners ([#2030](#))
- [@RainbowMango] Draft proposal for Partner Acceleration Program
 - target:
- [@riverzhang] new project karmada-operator intro(ppt demo)
- [@XiShanYongYe-Chang] Adoption of ClusterID([#2017](#))

Attendees:

- changzhen
- Hongcai Ren
- qiuming
- 船长
- zach
- xin
- Bin Xu
- Nudt-HZX
- chanucey
- hull
- wuyingjun
- calvin0327
- chongbzh
- 11085392
- hansong
- Zhe Cheng

- Tiecheng shen
- Rong Zhang
- Garrybest
- 应金辉
- Fei Gao
- Kevin Wang
- hanweisen
- sli
- liuxiyang
- guanxianliang
- charles
- Jackson
- sukai
- carlory
- benying
- zhanghao
- Alan zhu
- wanghonglei
- wx

Meeting 2022-06-07

- [@ikaven1024] Global resource proxying in Karmada
- [@riverzhang]karmada installation survey for 2022([installation-survey](#))
- [@riverzhang]karmada ci infrastructure(<https://github.com/cncf/cluster/issues/211>)

Attendees:

- changzhen
- Hongcai Ren
- qiuming
- liys
- Rong Zhang
- chauncey
- Fei Gao
- sukai
- chongbzh
- hull
- Tiecheng shen
- calvin0327
- Shenle Lu
- Zhiwen Gao
- ning
- 段朦
- 缪超越
- Dai Wenqing
- 应金辉
- lihanbo
- jackzhang
- Jackson

- xsy
- abc
- 11085392
- Zhe Cheng
- charles
- hanweisen
- carlory
- Gaoxiang.Thomas
- zqj
- wuyingjun
- nudt-hzx
- xin

Meeting: 2022-05-24

Agenda:

- [@riverzhang]karmada installation survey for 2022(<https://karmada-installtion.doc>)
- [@chauncey] clusterpedia with karmada (#1794)
- [@charles] proposal: pause ensure work object(#1859)
- [@duanmeng] Join cluster failed (The logic to determine cluster health may not quite right) (#1673)

Attendees:

- changzhen
- Hongcai Ren
- qiuming
- sukai
- Rong Zhang
- caiwe
- lihanbo
- learner0810
- Tiecheng shen
- hyq
- fanxing
- Fei Gao
- Zhe Cheng
- hull
- ning
- didi-liutao
- charles
- zhangfeijian
- 957
- ikaven1024
- chongbzh
- Kevin Wang
- hanweisen
- wuyingjun
- calvin0327

- suwliang
- jackzhang
- 段滕
- Zhiwen Gao
- 11085392
- yunyun fang
- huone1
- chauncey

Meeting: 2022-05-10

Agenda:

- [@charles] add or remove targetCluster in propagationpolicy dynamically([#1573](#))
- [@duanmeng]KubectI Karmada Promete can not take over some GVRs([#https://github.com/karmada-io/karmada/issues/1758](https://github.com/karmada-io/karmada/issues/1758))
- [@Garrybest] cluster controller and taint manager ([#1640](#))

Attendees:

- changzhen
- Hongcai Ren
- karmada
- 应金辉
- calvin0327
- wuyingjun
- redbooks
- chauncey
- Fei Gao
- xgleeman
- learner0810
- 957
- Garrybest
- Zhiwen Gao
- hanweisen
- Zhe Cheng
- 宁 杨
- zongqinli
- lihanbo
- huone1
- 11085392
- junqian
- hull
- duanmeng
- Tiecheng shen
- 周龙飞
- xsy
- li yasong
- charles
- bruce
- jackzhang

Meeting: 2022-04-26

Agenda:

- [[@charles](#)] add or remove targetCluster in propagationpolicy dynamically([#1573](#))
 - Note: [@charles](#) can't make it today. Move this to next meeting.
- [[@Garrybest](#)] Replicas may be rescheduled even if `Failover` is disabled([#1640](#))
 - Introduce `cluster lifecycle controller`
- [[@lonelyCZ](#)] Discuss the subcommand that need to be introduced from Kubectl to Karmadactl([#1568](#))
 - `get/logs/exec/describe`
- [[@Tiecheng Shen](#)][Docs]Add karmada-gatekeeper-guide for users([#1655](#))
 - delete CRD, container security policy
- [[@lonelyCZ](#)] Enhance security of karmadactl join to register member cluster([#1363](#))

Attendees:

- changzhen
- Hongcai Ren
- DaniR
- zach593
- Fei Gao
- jackzhang
- duanmeng
- Garrybest
- 957
- wangqi
- hanweisen
- Zhe Cheng
- Zhiwen Gao
- Dai Wenqing
- kerthcet
- 11085392
- huone1
- Rong Zhang
- hull
- William_IM
- prodan
- TieCheng shen
- hyq
- li yasong
- sfan
- jackios

Meeting: 2022-04-12

Agenda:

- [[@charles](#)] support IDC dimension scheduling([#1564](#))
- [[@charles](#)] support dynamically adding overrides([#1567](#))
- [[@huntsman-li](#) [@liys87x](#)] Discussion the CRD for member cluster caches ([#1245](#))

- [[@lonelyCZ](#)] karmada be able to get pod logs and exec pod([#1568](#), [#1597](#))
 - [[@liyas87](#)] Should consider the performance in case of
 - multiple user get the logs at the same time
 - multiple systems costumes the APIs at the same time

Attendees:

- changzhen
- Hongcai Ren
- TIM
- hyq
- Fei Gao
- Administrator
- 957
- charts
- prodan
- ly yasong
- kerthcet
- Garrybest
- Xinzhao Xu
- Tiecheng shen
- Zhe Cheng
- huone1
- jackzhang
- charles
- nick
- 111
- junqian
- Kevin Wang
- arvin
- hull
- ch
- xsy

Meeting: 2022-03-29

Agenda:

- [[@pigletfly](#)] Refactor karmada official website and demo ([#14](#))

Attendees:

- changzhen
- Hongcai Ren
- prodan
- guyingyan
- Adam Wong
- Zhiwen Gao
- Adithya Krishna
- Garrybest
- Fei Gao

- charles
- junqian
- Luo
- Zhe Cheng
- Xinzhao Xu
- 957
- Kevin Wang
- Mark
- lihanbo
- algebra2k
- jackzhang
- Rong Zhang
- hull
- huone1
- X7200
- ASUS
- haoshen0611
- Honghui Yue
- ch

Meeting: 2022-03-15

Agenda:

- [@YueHonghui] HPA Proposal ([#1360](#))
- [@merryzhou] Sync CRDs from member cluster ([#1470](#))

Attendees:

- changzhen
- Hongcai Ren
- lihanbo
- junqian
- prodan
- Fei Gao
- Zhiwen Gao
- zach593
- Xinzhao Xu
- merryzhou
- 957
- Rong Zhang
- Nick
- algebra2k
- Zhe Cheng
- hmj
- charles
- Honghui Yue
- huone1
- jingxueli
- carlory

- Zhihai Fan
- Garrybest
- jackzhang
- Cocoa
- zhc
- kerthcet
- Chinmay Mehta
- xsy
- liuming
- Zilin Wu
- ch

Meeting: 2022-03-01

Agenda:

- [@lonelyCZ] Enhance security of `karmadactl join` to register member cluster([#1363](#))
- [@zach593] fix default image tags for ``<karmadactl/kubectl-karmada> init` (#1358)`
- [@YueHonghui] HPA Proposal ([#1360](#))
- [@RainbowMango] Release 1.1 overview
- [@RainbowMango] Release 1.2 cycle (3.1 ~5.31)
 - 3.1~3.31 Feature Definition/Discussion
 - Federated HPA ([#1360](#))
 - Resource cache ([#1386](#))
 - PropagationPolicy priority ([#1185](#))
 - Scheduler Refactor
 - TBD
 - 4.1~4.30 Feature Work(Development)
 - 5.1~5.31 Bug Fix, Document, Release
- [@kerthcet] Extension for out-of-tree plugins([#1371](#))

Attendees:

- changzhen
- algebra2k
- chestar
- Rong Zhang
- jingxueli
- zhc
- Fei Gao
- 957
- junqian
- Xinzhao Xu
- merryzhou
- kerthcet
- Zhe Cheng
- Garrybest
- lihanbo
- zach593
- lfbear

- charles
- Honghui Yue
- Zhiwen Gao
- CH
- huone1
- zoom
- li yasong
- Yanjun Chen
- Dai Wenqing
- hello world
- He Li
- 1185392
- Kevin Wang

Meeting: 2022-02-15

Agenda:

- [[@riverzhang](#)] Karmada Installer ([#1276](#))
 - Installer intro([karmada-installer](#))
 - Karmada installer CI intro ([#2](#))
 - Demo
- [[@prodan](#)] : karmada in docker demo ([#1302](#))
- [[@pigletfly](#)] KEP: Remove Detector and Add PropagationPolicy Controller ([KEP](#))
- [[@huntsman-li](#) [@liys87x](#)] Discussion caching member cluster resources ([#1245](#))
- [[@yuehonghui](#)] HPA ([#1360](#))

Attendees:

- Rong Zhang
- xsy
- Hongcai Ren
- changzhen
- sunhaizhou
- ycd
- prodan
- junqian
- merryzhou
- 957
- Nudt-Fei Gao
- Xinzhaoh Xu
- Yinlin Li
- li yasong
- Garrybest
- zyf
- lihanbo
- momo
- liuming
- Adam Wong

- hello world
- Zhe Cheng
- Zhiwen Gao
- Kevin Wang
- Honghui Yue
- huone1
- Rain6
- wanmin
- charles
- zhc
- jingxueli
- He Li

Meeting: 2022-02-01

Canceled due to Chinese new year vacation

Meeting: 2022-01-18

Agenda:

- [@huntsman-li @liys87x] Discussion caching member cluster resources ([#1245](#))
- [@huone1] Discussion Reschedule bindings when unjoining a target cluster([#1049](#))
- [@Githubxsy] Discussion MultiClusterIngress (MCI) ([#1079](#))
- [@lonelyCZ] Discussion optimize karmadactl get ([#1270](#))
- [@iawia002] Default PropagationPolicy (policy priority) ([#1185](#))
- [kerthcet] introduce configuration profile to manage plugins ([#1139](#))

Attendees:

- Renhongcai
- changzhen
- lihanbo
- zhangyukun
- Zhangchen
- Xinzhao Xu
- Yujie Gai
- Nudt-hzx
- junqian
- xsy
- Zhiwen Gao
- Zhe Cheng
- carlory
- kerthcet
- 957
- QAQ
- Kevin Wang

- learner0810
- 8小时
- aaa
- Ifbear
- Yanjun Chen
- huone1
- CH
- xiefei
- algebra2k
- wanghonglei
- Nudt-Fei Gao
- Dream Wu
- panguicai
- Rain6
- li yasong
- hansedong
- 辛鹏
- Garrybest
- momo
- hmj
- ron
- Tao Dan

Meeting: 2022-01-04

Agenda:

- [@RainbowMango] Karmada v1.0 release overview
 - Released Features
 - Feature branch
 - Thanks to contributors and partners
- [@algebra2k @jrkeen] Discussion Multi-Cluster Backup/Restore/Migration in Karmada ([#1097](#))
- [@XiShanYongYe-Chang] Demo of Aggregated Kubernetes API Endpoint([document](#))

Attendees:

- Renhongcai
- changzhen
- prodan
- lihanbo
- Yanjun Chen
- xsy
- 957
- jrkeen
- liuming
- 湛兮(carlory)
- algebra2k

- Xinzhao Xu
- junqian
- Zhangchen
- jayson
- momo
- chenpengxiang
- Zhiwen Gao
- CH
- neujie
- abc
- 杜奇
- Nudt-Fei Gao
- Zhe Cheng
- shileiyj
- Dream Wu
- nevermore
- Nudt-hzx
- hmj
- Rain6
- zxb

Meeting: 2021-12-21

Attendees:

- Renhongcai
- changzhen
- 123
- lihanbo
- iPad
- zyf
- prodan
- 湛兮
- learner0810
- algebra2k
- kerthcet
- Yu Shan
- Xinzhao Xu
- junqian
- hansong
- Zhangchen
- violin
- FeynmanZhou
- Garrybest
- zenith
- Zhe Cheng
- Jomen
- bj89075ml
- Alex Wang

- Dai Wenqing
- Yujie Gai

Agenda:

- [@RainbowMango] Release updates
 - karmada admin on board ([#1044](#))
 - karmada dashboard on board ([#dashboard](#))
 - karmada-aggregated-apiserver on boarding([#1122](#))
 - karmada promote solution on boarding ([#1039](#))
 - descheduler
 - crd interpreter
- [@learner0810] Demo of distributing Helm Charts and Kustomize files ([#861](#))

Meeting: 2021-12-07

Attendees:

- Renhongcai
- changzhen
- zmq
- Zhangchen
- lihanbo
- xsy
- caiwei
- abc
- Kevin Wang
- 123
- junqian
- hmj
- HCR
- jackzhang
- algebra2k
- Nudt-hzx
- maoliangxian
- jomen
- Zhe Cheng
- Garry best
- nudt-Fei Gao
- Xinzhao Xu
- learner0810
- wanghonglei
- hansong
- LAY
- 957
- Dai Wenqing
- xiefei
- Rong Fang
- 智汇信创-michael
- bruce
- scyda

- zhu733756
- wanghui
- dl
- d
- haley
- Xinjie Xu

Agenda:

- [@GitHubxsy] Ideas about aggregate member clusters ([#1077](#))
- [@lonelyCZ] Porting workloads from legacy clusters ([#1039](#))
 - migrate workloads from standalone cluster
 - migrate workloads from other systems
- [@RainbowMango] [Karmada dashboard](#) onboarding

Meeting: 2021-11-23

Attendees:

- Renhongcai
- changzhen
- prodan
- Nudt-Hzx
- weiluping
- 12345
- algebra2k
- champly
- dalu
- Dai Wenqing
- Fei Gao
- Garrybest
- hmj
- junqian
- junyu
- kerthcet
- LAY
- learner0810
- lfbear
- Lihanbo
- liuming
- lvyarun
- lynnson
- Peichang Shi
- ron
- Ryan Bao
- wangrenjie
- weiluping
- withlin
- xiefei
- xieshiyi
- Xinzhao Xu

- xubin
- xulong01@bilibili
- Yanjun Chen
- yang
- Zhangchen
- Zhangmingqi
- Zhe Cheng
- zhouhongcen
- cuidengdeng
- wangshirong

Agenda:

- [@xl] Share use cases about multi-cluster scheduling
- [@prodan] demo: [karmada-admin](#)
- [@RainbowMango]: OverridePolicy Improvements([#603](#))
- [@lonelyCZ]: Replace clusterIP with hostIP in remote-up-karmada.sh([#956](#))
- [@qianjun1993, Garrybest]: Add MaxLossy in ReplicaSchedulingStrategy([#991](#))
- [@qianjun1993]: Add MaxCluster in ReplicaSchedulingStrategy([#1010](#))
- [@qianjun1993]: Discussion about the Priority and Preemption in scheduler([#802](#))
- [kerthcet] Add priority and preemption mechanism([#935](#))
-

Meeting: 2021-11-09

Attendees:

- Renhongcai
- changzhen
- Dai Wenqing
- Lihanbo
- 957
- champly
- charles
- gaofei
- Garrybest
- junqian
- kerthcet(kante)
- Kevin Wang
- kyle
- LAY
- luhao
- lynnsong
- maoliangxian
- Nudt-hzx
- Peichang Shi
- Xinzhao Xu
- yang
- Yinlin Li
- Zhangchen

- Zhe Cheng
- 皮卡丘
- 徐新杰
- learner0810

Agenda:

- [@ddddai] delete agent when unjoining a pull mode cluster([#801](#))
- [@ddddai] reschedule bindings on cluster change([#829](#))
- [@Garrybest] descheduler ([#726](#))

Meeting: 2021-10-26

Attendees:

- Renhongcai
- changzhen
- algebra2k
- betaincao
- Bing Wang
- d
- dddddai
- dong
- Fei Gao
- Garrybest
- jrkeen
- junqian
- kerthcet
- Kevin Wang
- LAY
- learner0810
- Leo Fang
- Ifbear
- lifeng
- Lihanbo
- LSK
- lynnsong
- Nudt-hzx
- pikaqiu
- r yo
- swift
- wanghonglei
- xiefei
- Xieshiyi
- Xinzhao Xu
- xubin
- Yanjun Chen
- Yinlin Li

- zc
- zhangxiao
- zhangyukun
- zhangpengxuan
- Zhe Cheng

Agenda:

- [RainbowMango] Custom Resource Exploring Proposal([#863](#))
- PR discussion
 - [iawia002]Scheduler feature gates ([#805](#))
 - [Garrybest]dispersal replica division preference ([#841](#))
 - [Garrybest]preferred weight during scheduling([#842](#))
 - [QAQ-rookie]OverridePolicy v2 and conversion([#603](#))
- [HZX] KarmadaUI updates

Meeting: 2021-10-12

Attendees:

- Renhongcai
- changzhen
- Garrybest
- Lihanbo
- 957
- algebra2k
- charlie
- fx
- Fei Gao
- hongzhen Chang
- jrkeen
- junqian
- kerthcet
- Leo Fang
- Ifbear
- luhao
- peter
- ryo
- swift
- slfeng
- xiefei
- Xinzhao Xu
- xsy
- xubin
- zhe Cheng
- 零鸟
- 童超

Agenda:

- [Garrybest] descheduler proposal ([#726](#))
- [Garrybest] the behavior of replica scheduling weight preference ([#730](#))
- [Garrybest] adding required and preferred cluster affinity term ([#780](#))

- [@qianjun1993] Discussion about the Priority and Preemption in scheduler ([#802](#))
- [@lonelyCZ] Add karmadm tool init karmada and join/unjoin member cluster ([#804](#))

Meeting: 2021-09-28

Attendees:

- Kevin Wang
- Renhongcai
- changzhen
- Ding
- Fei Gao
- Garrybest
- hongzhen Chang
- jrkeen
- junqian
- lfbear
- natu
- Nudt-hzx
- xiefei
- xubin
- zhangxiao
- Zhe Cheng
- 低调
- 胡建锋
- 957
- algebra2k
- nudt-jianghui
- ruyingzhe
- shuoai
- Yinlin Li
- You-Hang Wang
- peter
- Lihanbo

Agenda:

- [@aven-ai] Karmada ResourceQuota updates ([#632](#))
- [@HZX] Karmada UI updates
 - Framework: VUE?
- [@QAQ] Demo: get member clusters resource aggregation by karmadactl ([#666](#))
- [@RainbowMango] Helm chart follow-up
 - Support multi-version deployment
 - Support karmada-scheduler-estimator
 - Upload chart to a hub, like artifacthub.io?
- [@RainbowMango] Multi-version support confirm ([#722](#))
 - How to get CRDs?
- [@RainbowMango] Request review about scheduler metrics ([#747](#))

Meeting: 2021-09-14

Attendees:

- Kevin Wang
- Renhongcai
- changzhen
- 957
- algebra2k
- caoyouming
- Di
- Fei Gao
- Garrybest
- hongzhen Chang
- junqian
- kerthcet
- lihanbo
- lfbear
- lynnsong
- Nudt-hzx
- nudt-wizard
- peterpan
- shenj
- slfeng
- withlin
- xiefei
- xieshiyi
- xubin
- You-Hang Wang
- xzh
- zhangxiao

Agenda:

- [@mrlihanbo] Proposal: [Automatically Propagate Relevant Resources](#)
- [@GaoF] Scheduler general discussion
- [@RainbowMango] Updates ResourceBinding to v1alpha2 ([#722](#))
- [@Garrybest] descheduler ([#697](#))

Meeting: 2021-08-31

Attendees:

- Kevin Wang
- Renhongcai
- changzhen
- Nudt-Hzx
- echo
- Lihanbno
- abc
- algebra2k
- caoyouming

- Chenpengke
- Di
- Fei Gao
- Garrybest
- gloria
- Honghui Yue
- jingxueli
- jrkeen
- junqian
- lfbear
- natu
- shouai
- slfeng
- swift
- whz
- xubin
- youhangwang
- zhangxiao
- Zhe Cheng
- zyf
- 晴空

Agenda:

- [@RainbowMango] QuickStart optimization
 - hack/karmada-local-up.sh
 -
- [@YouHang] Discussion about the KEP-377 karmada resourcequota
- [@RainbowMango] v0.9 plan
 - Global Policy Management
 - Schedule
 - Service/Mesh
 - Network
 - CRD
 - User Experience
- [HZX] UI design
- [@RainbowMango] PR move forward
 - static weight <https://github.com/karmada-io/karmada/pull/623>
 - helm chart <https://github.com/karmada-io/karmada/pull/668>
- [@Garrybest] disable serviceaccount-token controller([#655](#))

Meeting: 2021-08-17

Attendees:

- Kevin Wang
- Hongcai Ren
- lfbear
- algebra2k
- caoyouming
- D

- dalu
- Gao Fei
- Garrybest
- haiping du
- jrkeen
- junqian
- NoOne
- slfeng
- swift
- wangtao
- Zhaozhi
- 火龙果
- 摸摸鼻子
- 朱慧君
- allan

Agenda:

- [lfbear] Proposal: Improve TargetCluster and Overrides in OverridePolicy ([issue 603](#))
- [lfbear] Proposal: Karmada adapters ServiceAccount ([issue 602](#)) (extension: retain policy for native resource and crd resource)
- [RainbowMango] Share a proposal about `[Configurable Local Value Retention](#)`
 - Support CRD resource retention
- [Garrybest] add KEP-521: Cluster Accurate Replica Estimator ([#580](#))
- v0.9 plan:
 - Helm installation
 - A

Meeting: 2021-08-03

Attendees:

- algebra2k
- caiwei
- caoyouming
- changzhen
- Chenpengke
- chuntao chen
- dalu
- Di
- Gao Fei
- Garrybest
- guji
- hami
- Hongcai Ren
- howard
- jackzhang
- junqian
- jrkeen

- Kevin Wang
- kyle
- Lei Xue
- Ifbear
- liuli
- luahao
- lynnsong
- peter ru
- scyda
- stanley
- swift
- wanghonglei
- wangtao
- xiaorui.zhou
- xiefei
- yang
- zaicli
- zyf
- 摸摸鼻子
- 温玉
- 张亮
- ye程序员

Agenda:

- [@RainbowMango] retain resources from the cluster when PP is deleting ([Issue 505](#))
 - alternatives 1: block policy deletion if there are corresponding bindings
 - alternatives 2: go on deleting objects in karmada, and retain the resources in member clusters
 - alternatives 3: unbind policy and binding, and only delete policy.
- [@RainbowMango] Release v0.8 progress
 - InformerFactory lifecycle management ([issue 384](#))
 - Declare default scheduler ([issue 279](#))
 - Note: need help
 - show applied status on ResourceBinding/ClusterResourceBinding ([issue 575](#))
 - OverridePolicy/ClusterOverridePolicy improvement ([issue 540](#))
 - CommandOverride
 - ArgsOverride
 - Combo
 - Schedule more accurately based on statistical resources([issue 521](#))
 - resource unit: 1core-1G-x

Meeting: 2021-07-20

Attendees:

- algebra2k
- bruce
- caoyouming
- changzhen
- Chenpengke

- chuntao chen
- dalu
- Garrybest
- guoyao
- hansedong
- howard
- iceting
- jsck
- jglu
- jiayi Yin
- Jimwaa
- lfbear
- junqian
- Rainbow
- swift
- Vela Stark
- wanghonglei
- Yinlin Li
- 摸摸鼻子
- lynnsong
- Yujie Gai
- fxxiong
- navyjia

Agenda:

- [@RainbowMango] Enable two-factor authentication ([Issue 535](#))
- [@RainbowMango] Support multi-scheduler. ([Issue #279](#))
- [@RainbowMango on behalf of @pigletfly]
 - Make watched namespace configurable ([Issue #342](#))
- [@RainbowMango on behalf of @algebra2k]
 - Cluster cordon proposal ([Issue #464](#))
- [@Garrybest] Cluster Resource Preschedule For Adjusting Replicas ([Issue #521](#))
- [@lfbear] Make CRD 'OverridePolicy' more convenient to use ([Issue #540](#))
- [@algebra2k] The design of the drain after the cordon ([Issue #464](#))

Meeting: 2021-07-06

Attendees:

- QinghuiWang
- algebra2k
- Garrybest
- junqian
- changzhen
- lfbear
- swift
- Renhongcai
- Lihanbo
- caoyouming
- chuntao chen

- hami
- huiwq1990
- jrkeen
- wanghonglei
- wuzhengxuan
- xiaorui.zou
- xiefei
- Keen
- 摸摸鼻子
- luahao
- wangrenjie
- 李林夕
- dalu

Agenda:

- [@huiwq1990] [Resource cleanup strategy proposal](#)
- [@algebra2k] [Cordon/Uncordon scheduling proposal](#)
- [@GitHubxsy/@mrlihanbo] Feature request
 - Get propagation status from Binding objects
- [@Garrybest] Cannot create workload that has a long name([Issue #463](#))

Meeting: 2021-06-22

Attendees:

- QinghuiWang
- changzhen
- Ren Hongcai
- Garrybest
- qianjun1993
- tongchao
- Yiheng Ci
- Xieshiyi
- Yujie Gai
- Lihanbo
- Alex Wang
- caoyouming
- guanxiatao
- huiwq1990
- Menglong Qi
- natu
- swift
- tianwei
- wangshirong
- xiefei
- yuexian
- Chenpengke

Agenda:

- [@huiwq1990] Cluster not ready, work delete should retry [issue#438](#)

- [@GitHubxsy] An idea/proposal about Multi-cluster service discovery based on MCS-API
- [@Garrybest] add ScalarResources in cluster ResourceSummary ([Issue #456](#))
- [@qianjun1993] Support scheduling according to member cluster resources ([Issue #452](#))

Meeting: 2021-06-08

Attendees:

- Kevin Wang
- Garrybest
- Hongcai Ren
- Jun Qian
- Yiheng Ci
- changzhen
- Lihanbo
- Yujie Gai
- natu
- Alex Wang
- caoyouming
- cl
- guanxiatao
- Jiayi yin
- Park33
- wangshirong
- Xieshiyi
- 20201001
- hansedong
- pengli
- onionpiece
- 朱浩
- Chenpengke
- Zenith Cheng

Agenda:

- [@Jayson] The idea about service discovery across multi-cluster.
 - Huge cluster --> several small clusters
 - MCS controller
- [@Garrybest] [PR #417](#): Change cluster API.
- [@kevin-wangzefeng] Introduce v0.7 plan
 - Cluster Lifecycle Management
 - Monitor cluster health status. ([Issue 385](#))
 - Support cluster auto provisioning (Integration with [Cluster-API](#))
 - Scheduling based on the cluster resource ([Issue 344](#))
 - Multi-cluster service discovery based on [MCS-API](#)
 - Aggregated K8s API endpoint

- Karmada document(Issue TBD)
- [@pigletfly] Introduce a flag to `karmada-controller-manager` for disable resource templates ([issue 345](#))

Meeting: 2021-05-25

Attendees:

- Kevin Wang
- Hongcai Ren
- Bing Wang
- Yiheng Ci
- Host
- junqian
- lynnsong
- Lihanbo
- caoyouming
- Garrybest
- changzhen
- icebergu
- Lei Xue
- Libentai
- Root
- swift
- wangshirong
- xiefei
- yangcheng
- jason

Agenda:

- [@lynnsong] Support scheduling according to member cluster resources([Issue 344](#))
- [@Garrybest] cluster-status-controller: using cached lister to calculate node summary ([PR 365](#))
- [@pigletfly] add kubebuilder shortName tag ([Issue 348](#))
- [@pigletfly] Add kinds and namespace options for detector filter ([issue 345](#) [issue 342](#))
- [@pigletfly] Support more object kind to use ReplicaSchedulingPolicy ([Issue 319](#))
- [@pigletfly] Move karmada API into separate repo ([Issue 371](#))

Meeting: 2021-05-11

Attendees:

- Kevin Wang
- Hongcai Ren
- Yiheng Ci
- ruyingzhe
- caoyouming
- changzhen
- dengy

- geraldwang
- haoyunpeng
- Jiayi Yin
- JingLai Wang
- kaiyue
- LeoFang
- Lihanbo
- liufen
- onionpiece
- stephendixu
- wanghonglei
- wangrenjie
- WintonChan
- Xieshiyi
- Yinlin Li
- Hong Ji
- Xi Lin
- Heng Yi
- He Zhou

Agenda:

- [@kevin-wangzefeng] Introduction to the Karmada community in general
- [@kevin-wangzefeng] Introduction to the [RoadMap](#) and v0.6 plan
- [@kevin-wangzefeng] v0.6 plan
 - Cluster Lifecycle Management
 - Scheduler Enhancement:
 - schedule based on cluster taint toleration.
 - schedule based on cluster provider/region/zone (cluster affinity)
 - Support access member cluster by proxy. Refer to [Issue257](#).
 - Image registry override. Refer to [Issue313](#).
 - For other features/bugfix/improvements, refer to [v0.6 Milestone](#).