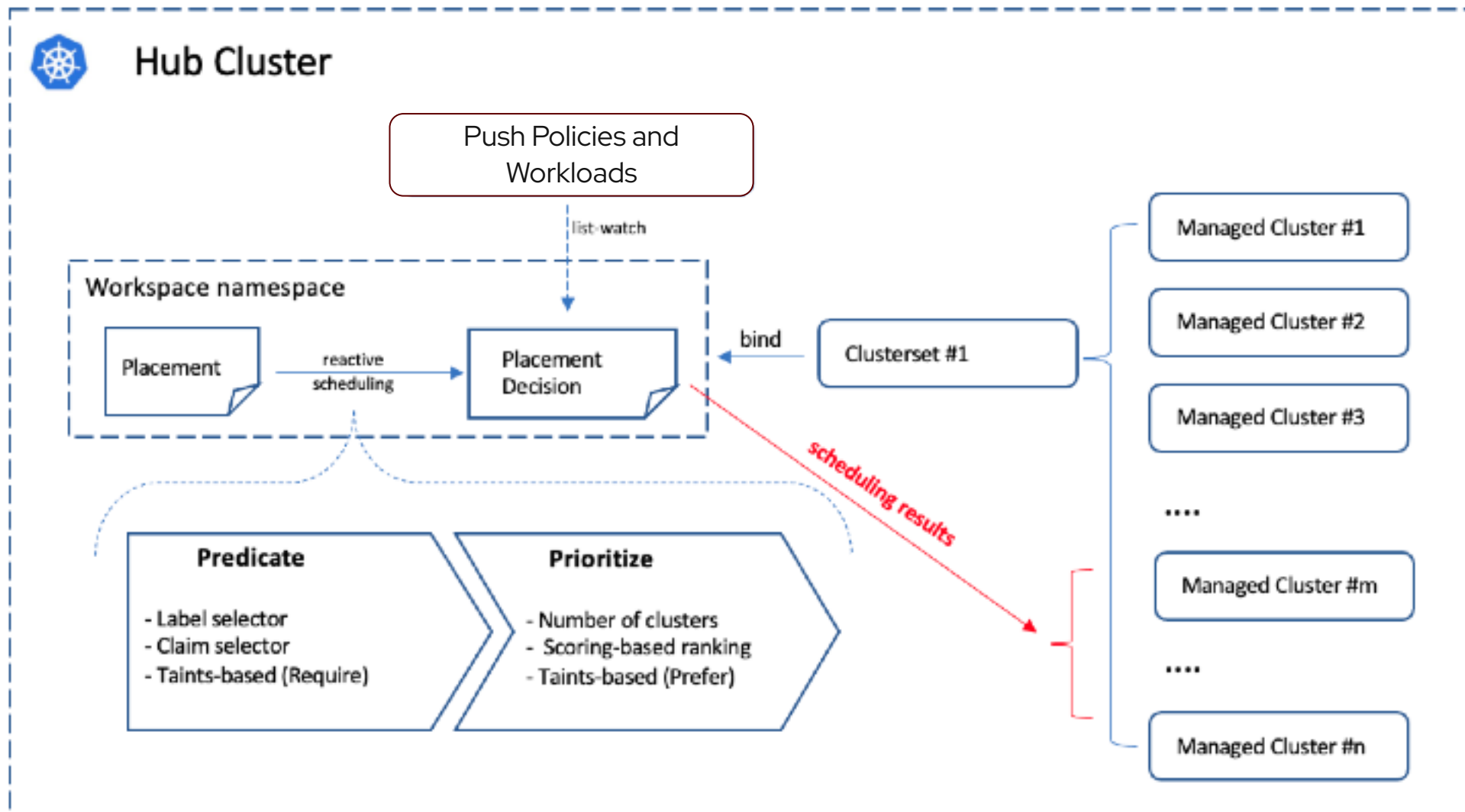


RHACM: Using Placement to distribute resources to Clusters



Hub Cluster: Placement

apiVersion: cluster.open-cluster-management.io/v1beta1

kind: **Placement**

metadata:

name: dashboard-placement

namespace: openshift-gitops

spec:

clusterSets:

- **default**

predicates:

- requiredClusterSelector:

labelSelector:

matchExpressions:

- key: **provider**

operator: In

values:

- **dc**

Clusters

Cluster list Cluster sets Cluster pools Discovered clusters

Learn more about the terminology

Cluster sets

ManagedClusterSet resources allow the grouping of cluster resources, which enables role-based access control management across all of the resources in the group.

[View documentation](#)

Submariner

Submariner is an open-source tool that can be used to provide direct networking between two or more Kubernetes clusters in a given ManagedClusterSet, either on-premises or in the cloud.

[View documentation](#)

Cluster list

Cluster sets

Cluster pools

Discovered clusters

| Name | Cluster status | Namespace bindings |
|----------------------------------|-------------------------------|------------------------------------|
| <input type="checkbox"/> global | 1 1 | open-cluster-management-global-set |
| <input type="checkbox"/> default | 1 1 | oid openshift-gitops |

| | |
|----------------------|--|
| Name | local-cluster |
| Namespace | local-cluster |
| Status | Ready |
| Infrastructure | aws Amazon Web Services |
| Control plane type | Hub |
| Distribution version | OpenShift 4.17.21 Upgrade available |
| Labels | openshiftVersion-major=4 openshiftVersion-major-minor=4.17 velero.io/exclude-from-backup=true 15 more |
| Nodes | 1 |
| Add-ons | 8 |
| Creation date | 3/27/2025, 5:05:53 PM |

Use Case Catalog

Day 1

1. [UC01](#): Cluster as a service
2. [UC02](#): VM as a service
3. [UC03](#): Namespace as a service
4. [UC04](#): Container as a service
5. [UC05](#): Cloud native as a service
6. [UC06](#): VM migration as a service
7. [UC07](#): Baseline Configuration
8. [UC08](#): Custom Policies
9. [UC09](#): Control Policy Scope
10. [UC10](#): AuthN and Identity Providers
11. [UC11](#): Authorization and RBAC
12. [UC12](#): Zero Trust enforcement
13. [UC13](#): Workload network policies

Day 2

14. [UC14](#): Cross provider connectivity
15. [UC15](#): Hybrid workload
16. [UC16](#): Workload scalability
17. [UC17](#): Cluster autoscaling
18. [UC18](#): Metrics and Logging
19. [UC19](#): Network graphs
20. [UC20](#): Policy violation dashboard
21. [UC21](#): Day 2 Operations
22. [UC22](#): Cluster upgrades
23. [UC23](#): Developer onboarding
24. [UC24](#): Trusted SW supply chain

Day 3 (hands-on workshop)

25. [UC25](#): Node Resiliency
26. [UC26](#): Cluster and site resiliency
27. [UC27](#): Backup & Restore

Hands-on labs

1. [UC02](#): VM as a service
2. [UC04](#): Container as a service
3. [UC06](#): VM migration as a service
4. [UC11](#): Authorization and RBAC
5. [UC12](#): Zero Trust enforcement
6. [UC16](#): Workload scalability
7. [UC24](#): Trusted SW supply chain

