Discovery provider · Kubernetes

Discover clusters, namespaces, workloads, services, nodes, and ingress resources.

https://docs.qintoravacloud.com/integrations/discovery-provider/kubernetes/

Prerequisites

- Kubernetes API access from a collector or workload identity
- Least-privilege ClusterRole and binding
- Trusted cluster CA certificate

Configuration steps

1. Choose the authentication method
2. Bind the read-only ClusterRole
3. Select namespaces and resource kinds
4. Validate the API and preview discovery

Provider fields

Field	Type	Requirement and options
Kubernetes API server `apiServerUrl`	url	Required
Authentication mode `authMode`	select	Required `workload_identity`, `service_account_token`, `kubeconfig`, `client_certificate`
Kubeconfig / token secret alias `kubeconfigSecretAlias`	text	Optional
Cluster names `clusterNames`	tag_list	Required
Included namespaces `namespaces`	tag_list	Optional
Excluded namespaces `excludedNamespaces`	tag_list	Optional

Field	Type	Requirement and options
Resource kinds `resourceKinds`	tag_list	Optional
Collector / MID server `collector`	text	Optional
Validate cluster certificate `validateTls`	boolean	Optional

Verify and troubleshoot

Test with the narrowest supported non-production scope. Confirm that the connection test reaches the expected provider and that the preview or receipt matches the intended scope. Check identity, credential references, network access and provider permissions before retrying. Record the failure stage and redact sensitive payloads when escalating.