

Configuring Cluster Permissions

Before you can install AtScale, you must enable and configure [RBAC authorization](#) on your Kubernetes cluster.

Prerequisites

This procedure assumes the following:

- ▶ You have a Kubernetes cluster that meets the requirements described in [System Requirements](#).
- ▶ You have enabled RBAC authorization as described in the [Kubernetes documentation](#).

Configuring Permissions For Your Cluster

Use `kubectl` to set the following permissions on your cluster.

Kind: ClusterRole

API Groups	Resources	Verbs
rbac.authorization.k8s.io	clusterroles, clusterrolebindings, roles, rolebindings	get
apiextensions.k8s.io	customresourcedefinitions	create, get
networking.k8s.io	ingressclasses	create, get
configuration.konghq.com	kongclusterplugins	get, patch
admissionregistration.k8s.io	validatingwebhookconfigurations	get, patch

Kind: Role

API Groups	Resources	Verbs
Core API group	persistentvolumeclaims, serviceaccounts, secrets, services	create, update, get, list, patch
Core API group	Pods	create, get

Core API group	configmaps	create, update, list, get, watch, patch, delete
coordination.k8s.io	configmaps, leases	get, update, list, watch, create, patch, delete
Core API group	leases	get, update, list, watch, create, patch, delete
Core API group	events	create, patch
Core API group	namespaces	get
batch	jobs	create, delete, list, watch
apps	statefulsets, deployments, daemonsets	create, get, patch
autoscaling	horizontalpodautoscalers	create, get
networking.k8s.io	ingresses, networkpolicies	create, get, patch
configuration.konghq.com	tcpingresses	create, get, patch
policy	poddisruptionbudgets	create, get, patch
admissionregistration.k8s.io	validatingwebhookconfigurations	create
rbac.authorization.k8s.io	roles, rolebindings	create

Next Steps

Once you've configured the cluster permissions, you can [install AtScale](#).