



[Alauda Streaming Service for RabbitMQ](#) > [API 文档](#) > [Kubernetes APIs](#) > RabbitMQ APIs

RabbitMQ APIs

RabbitMQ

RabbitMQ

Description

RabbitmqCluster is the Schema for the RabbitmqCluster API. Each instance of this object corresponds to a single RabbitMQ cluster.

Type

object

Specification

Property	Type	Description
<code>apiVersion</code>	<code>string</code>	APIVersion defines the versioned schema of this representation of an object. Servers should convert recognized schemas to the latest internal value, and may reject unrecognized values. More info: https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#resources
<code>kind</code>	<code>string</code>	Kind is a string value representing the REST resource this object represents. Servers may infer this from the endpoint the client submits requests to. Cannot be updated. In CamelCase. More info:

Property	Type	Description
		https://git.k8s.io/community/contributors/devel/sig-architecture/api-conventions.md#types-kinds ↗
<code>metadata</code>	<code>ObjectMeta</code> ↗	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
<code>spec</code>	<code>object</code>	Spec is the desired state of the RabbitmqCluster Custom Resource.
<code>status</code>	<code>object</code>	Status presents the observed state of RabbitmqCluster

.spec

Description

Spec is the desired state of the RabbitmqCluster Custom Resource.

Type

`object`

Property	Type	Description
<code>affinity</code>	<code>object</code>	Affinity scheduling rules to be applied on created Pods.
<code>image</code>	<code>string</code>	Image is the name of the RabbitMQ image to use for RabbitMQ nodes in the RabbitmqCluster. Must be provided

Property	Type	Description
		together with ImagePullSecrets in order to use an image in a private registry.
<code>imagePullSecrets</code>	<code>array</code>	List of Secret resource containing access credentials to the registry for the RabbitMQ image. Required if the image registry is private.
<code>ipFamilyPrefer</code>	<code>string</code>	IPFamily represents the IP Family (IPv4 or IPv6). This type is used to express the family of an IP expressed by a type (e.g. service.spec.ipFamilies).
<code>override</code>	<code>object</code>	
<code>pause</code>	<code>boolean</code>	switch for paused
<code>persistence</code>	<code>object</code>	The desired persistent storage configuration for each Pod in the cluster.
<code>rabbitmq</code>	<code>object</code>	Configuration options for RabbitMQ Pods created in the cluster.
<code>replicas</code>	<code>integer</code>	Replicas is the number of nodes in the RabbitMQ cluster. Each node is deployed as a Replica in a StatefulSet. Only 1, 3, 5 replicas clusters are tested. This value

Property	Type	Description
		should be an odd number to ensure the resultant cluster can establish exactly one quorum of nodes in the event of a fragmenting network partition.
<code>resources</code>	<code>object</code>	The desired compute resource requirements of Pods in the cluster.
<code>service</code>	<code>object</code>	The desired state of the Kubernetes Service to create for the cluster.
<code>exporter</code>	<code>object</code>	Exporter controls standalone rabbitmq-exporter resources.
<code>skipPostDeploySteps</code>	<code>boolean</code>	If unset, or set to false, the cluster will run <code>rabbitmq-queues rebalance all</code> whenever the cluster is updated. Set to true to prevent the operator rebalancing queue leaders after a cluster update. Has no effect if the cluster only consists of one node. For more information, see https://www.rabbitmq.com/rabbitmq-queues.8.html#rebalance
<code>terminationGracePeriodSeconds</code>	<code>integer</code>	TerminationGracePeriodSeconds is the timeout that each rabbitmqcluster pod will have to terminate gracefully. It defaults to 604800 seconds (a week long) to ensure

Property	Type	Description
		that the container preStop lifecycle hook can finish running. For more information, see: https://github.com/rabbitmq/cluster-operator/blob/main/docs/design/20200520-graceful-pod-termination.md ↗
<code>tls</code>	<code>object</code>	TLS-related configuration for the RabbitMQ cluster.
<code>tolerations</code>	<code>array</code>	Tolerations is the list of Tolerant resources attached to each Pod in the RabbitmqCluster.
<code>upgradeOption</code>	<code>object</code>	UpgradeOption defines the upgrade strategy for the Redis instance.
<code>version</code>	<code>string</code>	Version is the version of the RabbitMQ image to use for RabbitMQ nodes in the RabbitmqCluster. Must be provided together with ImagePullSecrets in order to use an image in a private registry.

.spec.affinity

Description

Affinity scheduling rules to be applied on created Pods.

Type

object

Property	Type	Description
nodeAffinity	object	Describes node affinity scheduling rules for the pod.
podAffinity	object	Describes pod affinity scheduling rules (e.g. co-locate this pod in the same node, zone, etc. as some other pod(s)).
podAntiAffinity	object	Describes pod anti-affinity scheduling rules (e.g. avoid putting this pod in the same node, zone, etc. as some other pod(s)).

.spec.affinity.nodeAffinity

Description

Describes node affinity scheduling rules for the pod.

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	The scheduler will prefer to schedule pods to nodes that satisfy the affinity expressions specified by this field, but it may choose a node that violates one or more of the expressions. The

Property	Type	Description
		node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of scheduling requirements (resource request, requiredDuringScheduling affinity expressions, etc.), compute a sum by iterating through the elements of this field and adding "weight" to the sum if the node matches the corresponding matchExpressions; the node(s) with the highest sum are the most preferred.

Property	Type	Description
<code>requiredDuringSchedulingIgnoredDuringExecution</code>	<code>object</code>	If the affinity requirements specified by this field are not met at scheduling time, the pod will not be scheduled onto the node. If the affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to a change in resources or a change in node), the system may or may not try to eventually evict the pod from its node.

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution`

Description

The scheduler will prefer to schedule pods to nodes that satisfy the affinity expressions specified by this field, but it may choose a node that violates one or more of the expressions. The node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of the scheduling requirements (resource request, `requiredDuringScheduling` affinity expressions, etc.), compute a sum by iterating through the elements of this field and adding "weight" to the sum if the node matches the corresponding `matchExpressions`; the node(s) with the highest sum are the most preferred.

Type

`array`

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[]`

Description

An empty preferred scheduling term matches all objects with implicit weight 0 (i.e. it's a no-op). A null preferred scheduling term matches no objects (i.e. is also a no-op).

Type

object

Required

preference weight

Property	Type	Description
preference	object	A node selector term, associated with the corresponding weight.
weight	integer	Weight associated with matching the corresponding nodeSelectorTerm, in the range 1-100.

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference`

Description

A node selector term, associated with the corresponding weight.

Type

object

Property	Type	Description
<code>matchExpressions</code>	<code>array</code>	A list of node selector requirements by node's labels.
<code>matchFields</code>	<code>array</code>	A list of node selector requirements by node's fields.

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions`

Description

A list of node selector requirements by node's labels.

Type

`array`

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[]`

Description

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

`object`

Required

`key`

`operator`

Property	Type	Description
<code>key</code>	<code>string</code>	The label key that the selector applies to.

Property	Type	Description
<code>operator</code>	<code>string</code>	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist, Gt, and Lt.
<code>values</code>	<code>array</code>	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[].values

Description

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

Type

`array`

.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[].values[]

Type

`string`

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields`

Description

A list of node selector requirements by node's fields.

Type

array

`.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[]`

Description

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key operator

Property	Type	Description
key	string	The label key that the selector applies to.
operator	string	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
values	array	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single

Property	Type	Description
		element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[].values

Description

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[].values[]

Type

string

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution

Description

If the affinity requirements specified by this field are not met at scheduling time, the pod will not be scheduled onto the node. If the affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to an update), the system may or may not try to eventually evict the pod from its node.

Type

object

Required

nodeSelectorTerms

Property	Type	Description
nodeSelectorTerms	array	Required. A list of node selector terms. The terms are ORed.

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms

Description

Required. A list of node selector terms. The terms are ORed.

Type

array

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[]

Description

A null or empty node selector term matches no objects. The requirements of them are ANDed. The TopologySelectorTerm type implements a subset of the NodeSelectorTerm.

Type

object

Property	Type	Description
matchExpressions	array	A list of node selector requirements by node's labels.

Property	Type	Description
<code>matchFields</code>	<code>array</code>	A list of node selector requirements by node's fields.

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions

Description

A list of node selector requirements by node's labels.

Type

`array`

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[]

Description

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

`object`

Required

`key` `operator`

Property	Type	Description
<code>key</code>	<code>string</code>	The label key that the selector applies to.

Property	Type	Description
operator	string	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist, Gt, and Lt.
values	array	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[].values

Description

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[].values[]

Type

string

`.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields`

Description

A list of node selector requirements by node's fields.

Type

array

`.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[]`

Description

A node selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key operator

Property	Type	Description
key	string	The label key that the selector applies to.
operator	string	Represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists, DoesNotExist. Gt, and Lt.
values	array	An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single

Property	Type	Description
		element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[].values

Description

An array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. If the operator is Gt or Lt, the values array must have a single element, which will be interpreted as an integer. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[].values[]

Type

string

.spec.affinity.podAffinity

Description

Describes pod affinity scheduling rules (e.g. co-locate this pod in the same node, zone, etc. as some other pod(s)).

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	The scheduler will prefer to schedule pods to nodes that satisfy the affinity expressions specified by this field. it may choose a node that violates one or more the expressions. The node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of scheduling requirements (resource request, requiredDuringSchedulingIgnoredDuringExecution affinity expressions, etc.) compute a sum by iterating through the elements of this field adding "weight" to the sum if the node has a label which matches the corresponding podAffinityTerm; the node(s) with the highest sum are the most preferred.
requiredDuringSchedulingIgnoredDuringExecution	array	If the affinity requirement specified by this field is not met at scheduling time, the pod will not

Property	Type	Description
		scheduled onto the node. If the affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to pod label update), the system may or may not try to eventually evict the pod from its node. When there are multiple elements, the lists of nodes corresponding to each podAffinityTerm intersected, i.e. all terms must be satisfied.

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution

Description

The scheduler will prefer to schedule pods to nodes that satisfy the affinity expressions specified by this field, but it may choose a node that violates one or more of the expressions. The node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of the scheduling requirements (resource request, requiredDuringScheduling affinity expressions, etc.), compute a sum by iterating through the elements of this field and adding "weight" to the sum if the node has pods which matches the corresponding podAffinityTerm; the node(s) with the highest sum are the most preferred.

Type

array

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[]`

Description

The weights of all of the matched `WeightedPodAffinityTerm` fields are added per-node to find the most preferred node(s)

Type

`object`

Required

`podAffinityTerm``weight`

Property	Type	Description
<code>podAffinityTerm</code>	<code>object</code>	Required. A pod affinity term, associated with the corresponding weight.
<code>weight</code>	<code>integer</code>	weight associated with matching the corresponding <code>podAffinityTerm</code> , in the range 1-100.

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm`

Description

Required. A pod affinity term, associated with the corresponding weight.

Type

`object`

Required

`topologyKey`

Property	Type	Description
<code>labelSelector</code>	<code>object</code>	A label query over a set of resources, in this case pods.
<code>namespaceSelector</code>	<code>object</code>	A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.
<code>namespaces</code>	<code>array</code>	namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".
<code>topologyKey</code>	<code>string</code>	This pod should be co-located (affinity) or not co-located (anti-affinity) with the pods matching the labelSelector in the specified namespaces, where co-located is defined as running on a node whose value of the label with key topologyKey matches that of any node on which any of the selected pods is running. Empty topologyKey is not allowed.

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector`

Description

A label query over a set of resources, in this case pods.

Type

object

Property	Type	Description
<code>matchExpressions</code>	array	<code>matchExpressions</code> is a list of label selector requirements. The requirements are ANDed.
<code>matchLabels</code>	object	<code>matchLabels</code> is a map of {key,value} pairs. A single {key,value} in the <code>matchLabels</code> map is equivalent to an element of <code>matchExpressions</code> , whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions`

Description

`matchExpressions` is a list of label selector requirements. The requirements are ANDed.

Type

array

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[]`

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values[]

Type

string

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector

Description

A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.

Type

object

Property	Type	Description
<code>matchExpressions</code>	<code>array</code>	<code>matchExpressions</code> is a list of label selector requirements. The requirements are ANDed.
<code>matchLabels</code>	<code>object</code>	<code>matchLabels</code> is a map of {key,value} pairs. A single {key,value} in the <code>matchLabels</code> map is equivalent to an element of <code>matchExpressions</code> , whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions`

Description

`matchExpressions` is a list of label selector requirements. The requirements are ANDed.

Type

`array`

`.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[]`

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

`object`

Required

key

operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.

matchExpressions[].values[]

Type

string

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces

Description

namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".

Type

array

.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces[]

Type

`string`

.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution

Description

If the affinity requirements specified by this field are not met at scheduling time, the pod will not be scheduled onto the node. If the affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to a pod label update), the system may or may not try to eventually evict the pod from its node. When there are multiple elements, the lists of nodes corresponding to each podAffinityTerm are intersected, i.e. all terms must be satisfied.

Type

`array`

.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[]

Description

Defines a set of pods (namely those matching the labelSelector relative to the given namespace(s)) that this pod should be co-located (affinity) or not co-located (anti-affinity) with, where co-located is defined as running on a node whose value of the label with key <topologyKey> matches that of any node on which a pod of the set of pods is running

Type

`object`

Required

`topologyKey`

Property	Type	Description
<code>labelSelector</code>	<code>object</code>	A label query over a set of resources, in this case pods.
<code>namespaceSelector</code>	<code>object</code>	A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.
<code>namespaces</code>	<code>array</code>	namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".
<code>topologyKey</code>	<code>string</code>	This pod should be co-located (affinity) or not co-located (anti-affinity) with the pods matching the labelSelector in the specified namespaces, where co-located is defined as running on a node whose value of the label with key topologyKey matches that of any node on which any of the selected pods is running. Empty topologyKey is not allowed.

**.spec.affinity.podAffinity.requiredDuringSchedulingIgnore
dDuringExecution[].labelSelector**

Description

A label query over a set of resources, in this case pods.

Type

object

Property	Type	Description
<code>matchExpressions</code>	array	<code>matchExpressions</code> is a list of label selector requirements. The requirements are ANDed.
<code>matchLabels</code>	object	<code>matchLabels</code> is a map of {key,value} pairs. A single {key,value} in the <code>matchLabels</code> map is equivalent to an element of <code>matchExpressions</code> , whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].labelSelector.matchExpressions`

Description

`matchExpressions` is a list of label selector requirements. The requirements are ANDed.

Type

array

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].labelSelector.matchExpressions[]`

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key

operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchExpressions[].values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].labelSelector.matchExpressions[].val ues[]

Type

string

.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].labelSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].namespaceSelector

Description

A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.

Type

object

Property	Type	Description
<code>matchExpressions</code>	<code>array</code>	<code>matchExpressions</code> is a list of label selector requirements. The requirements are ANDed.
<code>matchLabels</code>	<code>object</code>	<code>matchLabels</code> is a map of {key,value} pairs. A single {key,value} in the <code>matchLabels</code> map is equivalent to an element of <code>matchExpressions</code> , whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions`

Description

`matchExpressions` is a list of label selector requirements. The requirements are ANDed.

Type

`array`

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[]`

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

`object`

Required

key

operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

**.spec.affinity.podAffinity.requiredDuringSchedulingIgnore
dDuringExecution[].namespaceSelector.matchExpression
s[].values**

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

**.spec.affinity.podAffinity.requiredDuringSchedulingIgnore
dDuringExecution[].namespaceSelector.matchExpression**

`s[].values[]`

Type

string

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].namespaceSelector.matchLabels`

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].namespaces`

Description

namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".

Type

array

`.spec.affinity.podAffinity.requiredDuringSchedulingIgnore dDuringExecution[].namespaces[]`

Type

string

.spec.affinity.podAntiAffinity

Description

Describes pod anti-affinity scheduling rules (e.g. avoid putting this pod in the same node, zone, etc. as some other pod(s)).

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	The scheduler will prefer to schedule pods to nodes that satisfy the anti-affinity expression specified by this field. It may choose a node that violates one or more of the expressions. The node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of the scheduling requirements (resource request, requiredDuringSchedulingIgnoredDuringExecution anti-affinity expression etc.), compute a sum by iterating through the elements of this field and adding "weight" to the sum if the node has a label which matches the corresponding podAffinityTerm; the

Property	Type	Description
		node(s) with the high sum are the most preferred.
<code>requiredDuringSchedulingIgnoredDuringExecution</code>	array	If the anti-affinity requirements specified by this field are not met at the time of scheduling, the pod will not be scheduled on the node. If the anti-affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to pod label update), the system may or may not try to eventually evict the pod from its node. When there are multiple elements, the lists of nodes corresponding to each podAffinityTerm intersected, i.e. all terms must be satisfied.

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution`

Description

The scheduler will prefer to schedule pods to nodes that satisfy the anti-affinity expressions specified by this field, but it may choose a node that violates one or more of the

expressions. The node that is most preferred is the one with the greatest sum of weights, i.e. for each node that meets all of the scheduling requirements (resource request, requiredDuringScheduling anti-affinity expressions, etc.), compute a sum by iterating through the elements of this field and adding "weight" to the sum if the node has pods which matches the corresponding podAffinityTerm; the node(s) with the highest sum are the most preferred.

Type

array

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[]

Description

The weights of all of the matched WeightedPodAffinityTerm fields are added per-node to find the most preferred node(s)

Type

object

Required

podAffinityTerm weight

Property	Type	Description
podAffinityTerm	object	Required. A pod affinity term, associated with the corresponding weight.
weight	integer	weight associated with matching the corresponding podAffinityTerm, in the range 1-100.

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm

Description

Required. A pod affinity term, associated with the corresponding weight.

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	A label query over a set of resources, in this case pods.
namespaceSelector	object	A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.
namespaces	array	namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".
topologyKey	string	This pod should be co-located (affinity) or not co-located (anti-affinity) with the pods matching the labelSelector in the specified namespaces, where co-located is defined as running on a node whose

Property	Type	Description
		value of the label with key topologyKey matches that of any node on which any of the selected pods is running. Empty topologyKey is not allowed.

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector

Description

A label query over a set of resources, in this case pods.

Type

object

Property	Type	Description
matchExpressions	array	matchExpressions is a list of label selector requirements. The requirements are ANDed.
matchLabels	object	matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions

Description

matchExpressions is a list of label selector requirements. The requirements are ANDed.

Type

array

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[]

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values`

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values[]`

Type

string

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchLabels`

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector`

Description

A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.

Type

object

Property	Type	Description
<code>matchExpressions</code>	array	<code>matchExpressions</code> is a list of label selector requirements. The requirements are ANDed.
<code>matchLabels</code>	object	<code>matchLabels</code> is a map of {key,value} pairs. A single {key,value} in the <code>matchLabels</code> map is equivalent to an element of <code>matchExpressions</code> , whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

`.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions`

Description

`matchExpressions` is a list of label selector requirements. The requirements are ANDed.

Type

array

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[]

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key

operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[]

tor.matchExpressions[].values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values[]

Type

string

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces

Description

namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".

Type

array

.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces[]

Type

string

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution

Description

If the anti-affinity requirements specified by this field are not met at scheduling time, the pod will not be scheduled onto the node. If the anti-affinity requirements specified by this field cease to be met at some point during pod execution (e.g. due to a pod label update), the system may or may not try to eventually evict the pod from its node. When there are multiple elements, the lists of nodes corresponding to each podAffinityTerm are intersected, i.e. all terms must be satisfied.

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[]

Description

Defines a set of pods (namely those matching the labelSelector relative to the given namespace(s)) that this pod should be co-located (affinity) or not co-located (anti-affinity)

with, where co-located is defined as running on a node whose value of the label with key <topologyKey> matches that of any node on which a pod of the set of pods is running

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	A label query over a set of resources, in this case pods.
namespaceSelector	object	A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field. null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.
namespaces	array	namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".
topologyKey	string	This pod should be co-located (affinity) or not co-located (anti-affinity) with the pods matching the labelSelector in the specified namespaces, where co-located is defined as running on a node whose

Property	Type	Description
		value of the label with key topologyKey matches that of any node on which any of the selected pods is running. Empty topologyKey is not allowed.

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector

Description

A label query over a set of resources, in this case pods.

Type

object

Property	Type	Description
matchExpressions	array	matchExpressions is a list of label selector requirements. The requirements are ANDed.
matchLabels	object	matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchExpressions

Description

matchExpressions is a list of label selector requirements. The requirements are ANDed.

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchExpressions[]

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key

operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchExpressions[]

.values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchExpressions[].values[]

Type

string

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].labelSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector

Description

A label query over the set of namespaces that the term applies to. The term is applied to the union of the namespaces selected by this field and the ones listed in the namespaces field.

null selector and null or empty namespaces list means "this pod's namespace". An empty selector ({}) matches all namespaces.

Type

object

Property	Type	Description
matchExpressions	array	matchExpressions is a list of label selector requirements. The requirements are ANDed.
matchLabels	object	matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions

Description

matchExpressions is a list of label selector requirements. The requirements are ANDed.

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[]

Description

A label selector requirement is a selector that contains values, a key, and an operator that relates the key and values.

Type

object

Required

key operator

Property	Type	Description
key	string	key is the label key that the selector applies to.
operator	string	operator represents a key's relationship to a set of values. Valid operators are In, NotIn, Exists and DoesNotExist.
values	array	values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[].values

Description

values is an array of string values. If the operator is In or NotIn, the values array must be non-empty. If the operator is Exists or DoesNotExist, the values array must be empty. This array is replaced during a strategic merge patch.

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[].values[]

Type

string

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchLabels

Description

matchLabels is a map of {key,value} pairs. A single {key,value} in the matchLabels map is equivalent to an element of matchExpressions, whose key field is "key", the operator is "In", and the values array contains only "value". The requirements are ANDed.

Type

object

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaces

Description

namespaces specifies a static list of namespace names that the term applies to. The term is applied to the union of the namespaces listed in this field and the ones selected by namespaceSelector. null or empty namespaces list and null namespaceSelector means "this pod's namespace".

Type

array

.spec.affinity.podAntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaces[]

Type

string

.spec.imagePullSecrets

Description

List of Secret resource containing access credentials to the registry for the RabbitMQ image. Required if the image registry is private.

Type

array

.spec.imagePullSecrets[]

Description

LocalObjectReference contains enough information to let you locate the referenced object inside the same namespace.

Type

object

Property	Type	Description
name	string	Name of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names ↗

.spec.override

Type

object

Property	Type	Description
service	object	
statefulSet	object	

.spec.override.service

Type

object

Property	Type	Description
metadata	ObjectMeta	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
spec	object	

.spec.override.service.spec

Type

object

Property	Type	Description
allocateLoadBalancerNodePorts	boolean	
clusterIP	string	
clusterIPs	array	
externalIPs	array	
externalName	string	

Property	Type	Description
externalTrafficPolicy	string	
healthCheckNodePort	integer	
internalTrafficPolicy	string	
ipFamilies	array	
ipFamilyPolicy	string	
loadBalancerClass	string	
loadBalancerIP	string	
loadBalancerSourceRanges	array	
ports	array	
publishNotReadyAddresses	boolean	
selector	object	
sessionAffinity	string	
sessionAffinityConfig	object	
type	string	

.spec.override.service.spec.clusterIPs

Type

array

.spec.override.service.spec.clusterIPs[]

Type

`string`

.spec.override.service.spec.externalIPs

Type

`array`

.spec.override.service.spec.externalIPs[]

Type

`string`

.spec.override.service.spec.ipFamilies

Type

`array`

.spec.override.service.spec.ipFamilies[]

Type

`string`

.spec.override.service.spec.loadBalancerSourceRanges

Type

`array`

.spec.override.service.spec.loadBalancerSourceRanges[]

Type

`string`

.spec.override.service.spec.ports

Type

array

.spec.override.service.spec.ports[]

Type

object

Required

port

Property	Type	Description
appProtocol	string	
name	string	
nodePort	integer	
port	integer	
protocol	string	
targetPort		

.spec.override.service.spec.selector

Type

object

.spec.override.service.spec.sessionAffinityConfig

Type

object

Property	Type	Description
<code>clientIP</code>	<code>object</code>	

`.spec.override.service.spec.sessionAffinityConfig.clientIP`

Type

`object`

Property	Type	Description
<code>timeoutSeconds</code>	<code>integer</code>	

`.spec.override.statefulSet`

Type

`object`

Property	Type	Description
<code>metadata</code>	ObjectMeta	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
<code>spec</code>	<code>object</code>	

`.spec.override.statefulSet.spec`

Type

`object`

Property	Type	Description
<code>podManagementPolicy</code>	<code>string</code>	

Property	Type	Description
replicas	integer	
selector	object	
serviceName	string	
template	object	
updateStrategy	object	
volumeClaimTemplates	array	

.spec.override.statefulSet.spec.selector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

**.spec.override.statefulSet.spec.selector.matchExpression
s**

Type

array

**.spec.override.statefulSet.spec.selector.matchExpression
s[]**

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.selector.matchExpressions
s[].values

Type

array

.spec.override.statefulSet.spec.selector.matchExpressions
s[].values[]

Type

string

.spec.override.statefulSet.spec.selector.matchLabels

Type

object

.spec.override.statefulSet.spec.template

Type

object

Property	Type	Description
metadata	ObjectMeta ↗	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
spec	object	

.spec.override.statefulSet.spec.template.spec

Type

object

Required

containers

Property	Type	Description
activeDeadlineSeconds	integer	
affinity	object	
automountServiceAccountToken	boolean	
containers	array	
dnsConfig	object	
dnsPolicy	string	
enableServiceLinks	boolean	
ephemeralContainers	array	
hostAliases	array	
hostIPC	boolean	

Property	Type	Description
hostNetwork	boolean	
hostPID	boolean	
hostUsers	boolean	
hostname	string	
imagePullSecrets	array	
initContainers	array	
nodeName	string	
nodeSelector	object	
os	object	
overhead	object	
preemptionPolicy	string	
priority	integer	
priorityClassName	string	
readinessGates	array	
restartPolicy	string	
runtimeClassName	string	
schedulerName	string	
securityContext	object	
serviceAccount	string	
serviceAccountName	string	

Property	Type	Description
setHostnameAsFQDN	boolean	
shareProcessNamespace	boolean	
subdomain	string	
terminationGracePeriodSeconds	integer	
tolerations	array	
topologySpreadConstraints	array	
volumes	array	

.spec.override.statefulSet.spec.template.spec.affinity

Type

object

Property	Type	Description
nodeAffinity	object	
podAffinity	object	
podAntiAffinity	object	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	
requiredDuringSchedulingIgnoredDuringExecution	object	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[]

Type

object

Required

preference weight

Property	Type	Description
preference	object	
weight	integer	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference

Type

object

Property	Type	Description
matchExpressions	array	
matchFields	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[]

Type

object

Required

key

operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.preferredDuringSchedulingIgnoredDuringExecution[].preference.matchFields[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution

Type

object

Required

nodeSelectorTerms

Property	Type	Description
nodeSelectorTerms	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[]

Type

object

Property	Type	Description
matchExpressions	array	
matchFields	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.nodeAffinity.requiredDuringSchedulingIgnoredDuringExecution.nodeSelectorTerms[].matchFields[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	
requiredDuringSchedulingIgnoredDuringExecution	array	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[]

Type

object

Required

podAffinityTerm

weight

Property	Type	Description
podAffinityTerm	object	
weight	integer	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	
namespaceSelector	object	
namespaces	array	
topologyKey	string	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

`.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions`

Type

array

`.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[]`

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.requiredDuringSchedulingIgnoredDuringExecution

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAffinity.requiredDuringSchedulingIgnoredDuringExecution[]

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	
namespaceSelector	object	
namespaces	array	
topologyKey	string	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector**

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector.matchExpressions**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector.matchExpressions[]**

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector.matchExpressions[].values**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector.matchExpressions[].values[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio
n[].labelSelector.matchLabels**

Type

object

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecutio**

n[].namespaceSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	

Property	Type	Description
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaceSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.affinity.pod Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaces

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
Affinity.requiredDuringSchedulingIgnoredDuringExecution[].namespaces[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity**

Type

object

Property	Type	Description
preferredDuringSchedulingIgnoredDuringExecution	array	
requiredDuringSchedulingIgnoredDuringExecution	array	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.preferredDuringSchedulingIgnoredDuringExecution**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[]**

Type

object

Required

podAffinityTerm weight

Property	Type	Description
podAffinityTerm	object	
weight	integer	

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	
namespaceSelector	object	
namespaces	array	
topologyKey	string	

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.preferredDuringSchedulingIgnoredDuringExe
cution[].podAffinityTerm.labelSelector.matchExpressions**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.preferredDuringSchedulingIgnoredDuringExe
cution[].podAffinityTerm.labelSelector.matchExpressions[
]**

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.labelSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaceSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.affinity.podAntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.preferredDuringSchedulingIgnoredDuringExecution[].podAffinityTerm.namespaces[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExecution**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExecution[]**

Type

object

Required

topologyKey

Property	Type	Description
labelSelector	object	
namespaceSelector	object	
namespaces	array	
topologyKey	string	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector**

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector.matchExpressions**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector.matchExpressions[]**

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector.matchExpressions[].values**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector.matchExpressions[].values[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].labelSelector.matchLabels**

Type

object

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec**

ution[].namespaceSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaceSelector.matchExpressions**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaceSelector.matchExpressions[]**

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	

Property	Type	Description
values	array	

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaceSelector.matchExpressions[].values**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaceSelector.matchExpressions[].values[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaceSelector.matchLabels**

Type

object

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaces**

Type

array

**.spec.override.statefulSet.spec.template.spec.affinity.pod
AntiAffinity.requiredDuringSchedulingIgnoredDuringExec
ution[].namespaces[]**

Type

string

.spec.override.statefulSet.spec.template.spec.containers

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]

Type

object

Required

name

Property	Type	Description
args	array	
command	array	
env	array	
envFrom	array	
image	string	
imagePullPolicy	string	

Property	Type	Description
lifecycle	object	
livenessProbe	object	
name	string	
ports	array	
readinessProbe	object	
resources	object	
securityContext	object	
startupProbe	object	
stdin	boolean	
stdinOnce	boolean	
terminationMessagePath	string	
terminationMessagePolicy	string	
tty	boolean	
volumeDevices	array	
volumeMounts	array	
workingDir	string	

.spec.override.statefulSet.spec.template.spec.containers[]

.args

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.args[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.containers[]
.command**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.command[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.containers[]
.env**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.env[]**

Type

object

Required

name

Property	Type	Description
name	string	
value	string	
valueFrom	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.env[].valueFrom**

Type

object

Property	Type	Description
configMapKeyRef	object	
fieldRef	object	
resourceFieldRef	object	
secretKeyRef	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.env[].valueFrom.configMapKeyRef**

Type

object

Required

key

Property	Type	Description
key	string	
name	string	
optional	boolean	

**.spec.override.statefulSet.spec.template.spec.containers[]
.env[].valueFrom.fieldRef**

Type

object

Required

fieldPath

Property	Type	Description
apiVersion	string	
fieldPath	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.env[].valueFrom.resourceFieldRef**

Type

object

Required

resource

Property	Type	Description
containerName	string	

Property	Type	Description
<code>divisor</code>		
<code>resource</code>	<code>string</code>	

**`.spec.override.statefulSet.spec.template.spec.containers[]
.env[].valueFrom.secretKeyRef`**

Type

`object`

Required

`key`

Property	Type	Description
<code>key</code>	<code>string</code>	
<code>name</code>	<code>string</code>	
<code>optional</code>	<code>boolean</code>	

**`.spec.override.statefulSet.spec.template.spec.containers[]
.envFrom`**

Type

`array`

**`.spec.override.statefulSet.spec.template.spec.containers[]
.envFrom[]`**

Type

`object`

Property	Type	Description
configMapRef	object	
prefix	string	
secretRef	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.envFrom[].configMapRef**

Type

object

Property	Type	Description
name	string	
optional	boolean	

**.spec.override.statefulSet.spec.template.spec.containers[]
.envFrom[].secretRef**

Type

object

Property	Type	Description
name	string	
optional	boolean	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle**

Type

object

Property	Type	Description
postStart	object	
preStop	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart**

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.exec**

Type

object

Property	Type	Description
command	array	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.exec.command**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.exec.command[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.httpGet**

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.httpGet.httpHeaders**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.httpGet.httpHeaders[]**

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.postStart.tcpSocket**

Type

object

Required

port

Property	Type	Description
host	string	

Property	Type	Description
port		

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop**

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.exec**

Type

object

Property	Type	Description
command	array	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.exec.command**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.exec.command[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.httpGet**

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.httpGet.httpHeaders**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.httpGet.httpHeaders[]**

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.lifecycle.preStop.tcpSocket**

Type

object

Required

port

Property	Type	Description
host	string	
port		

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe**

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.exec**

Type

object

Property	Type	Description
command	array	

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.exec.command**

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.httpGet.httpHeaders**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.httpGet.httpHeaders[]**

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.livenessProbe.tcpSocket**

Type

object

Required

port

Property	Type	Description
host	string	
port		

**.spec.override.statefulSet.spec.template.spec.containers[]
.ports**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.ports[]**

Type

object

Required

containerPort

Property	Type	Description
containerPort	integer	

Property	Type	Description
hostIP	string	
hostPort	integer	
name	string	
protocol	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe**

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.exec**

Type

object

Property	Type	Description
command	array	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.exec.command**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.exec.command[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.grpc**

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.httpGet**

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.httpGet.httpHeaders**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.httpGet.httpHeaders[]**

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.readinessProbe.tcpSocket**

Type

object

Required

port

Property	Type	Description
host	string	
port		

**.spec.override.statefulSet.spec.template.spec.containers[]
.resources**

Type

object

Property	Type	Description
limits	object	
requests	object	

**.spec.override.statefulSet.spec.template.spec.containers[]
.resources.limits**

Type

object

**.spec.override.statefulSet.spec.template.spec.containers[]
.resources.requests**

Type

object

**.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext**

Type

object

Property	Type	Description
allowPrivilegeEscalation	boolean	
capabilities	object	
privileged	boolean	

Property	Type	Description
procMount	string	
readOnlyRootFilesystem	boolean	
runAsGroup	integer	
runAsNonRoot	boolean	
runAsUser	integer	
seLinuxOptions	object	
seccompProfile	object	
windowsOptions	object	

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.capabilities

Type

object

Property	Type	Description
add	array	
drop	array	

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.capabilities.add

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.capabilities.add[]

Type

string

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.capabilities.drop

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.capabilities.drop[]

Type

string

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.seLinuxOptions

Type

object

Property	Type	Description
level	string	
role	string	
type	string	
user	string	

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.seccompProfile

Type

object

Required

type

Property	Type	Description
localhostProfile	string	
type	string	

.spec.override.statefulSet.spec.template.spec.containers[]
.securityContext.windowsOptions

Type

object

Property	Type	Description
gmsaCredentialSpec	string	
gmsaCredentialSpecName	string	
hostProcess	boolean	
runAsUserName	string	

.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]

.startupProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.containers[]

.startupProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.containers[]

.startupProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe.httpGet.httpHeaders

Type

array

.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe.httpGet.httpHeaders[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.startupProbe.tcpSocket**

Type

object

Required

port

Property	Type	Description
host	string	
port		

**.spec.override.statefulSet.spec.template.spec.containers[]
.volumeDevices**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.volumeDevices[]**

Type

object

Required

devicePath name

Property	Type	Description
devicePath	string	

Property	Type	Description
name	string	

**.spec.override.statefulSet.spec.template.spec.containers[]
.volumeMounts**

Type

array

**.spec.override.statefulSet.spec.template.spec.containers[]
.volumeMounts[]**

Type

object

Required

mountPath name

Property	Type	Description
mountPath	string	
mountPropagation	string	
name	string	
readOnly	boolean	
subPath	string	
subPathExpr	string	

.spec.override.statefulSet.spec.template.spec.dnsConfig

Type

object

Property	Type	Description
nameservers	array	
options	array	
searches	array	

.spec.override.statefulSet.spec.template.spec.dnsConfig.nameservers

Type

array

.spec.override.statefulSet.spec.template.spec.dnsConfig.nameservers[]

Type

string

.spec.override.statefulSet.spec.template.spec.dnsConfig.options

Type

array

.spec.override.statefulSet.spec.template.spec.dnsConfig.options[]

Type

object

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.dnsConfig.searches

Type

array

.spec.override.statefulSet.spec.template.spec.dnsConfig.searches[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[]

Type

object

Required

name

Property	Type	Description
args	array	
command	array	
env	array	
envFrom	array	
image	string	
imagePullPolicy	string	
lifecycle	object	
livenessProbe	object	
name	string	
ports	array	
readinessProbe	object	
resources	object	
securityContext	object	
startupProbe	object	
stdin	boolean	
stdinOnce	boolean	
targetContainerName	string	
terminationMessagePath	string	
terminationMessagePolicy	string	

Property	Type	Description
tty	boolean	
volumeDevices	array	
volumeMounts	array	
workingDir	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].args

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].args[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].command

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].command[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[]

Type

object

Required

name

Property	Type	Description
name	string	
value	string	
valueFrom	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[].valueFrom

Type

object

Property	Type	Description
configMapKeyRef	object	

Property	Type	Description
<code>fieldRef</code>	<code>object</code>	
<code>resourceFieldRef</code>	<code>object</code>	
<code>secretKeyRef</code>	<code>object</code>	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[].valueFrom.configMapKeyRef

Type

`object`

Required

`key`

Property	Type	Description
<code>key</code>	<code>string</code>	
<code>name</code>	<code>string</code>	
<code>optional</code>	<code>boolean</code>	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[].valueFrom.fieldRef

Type

`object`

Required

`fieldPath`

Property	Type	Description
apiVersion	string	
fieldPath	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[].valueFrom.resourceFieldRef

Type

object

Required

resource

Property	Type	Description
containerName	string	
divisor		
resource	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].env[].valueFrom.secretKeyRef

Type

object

Required

key

Property	Type	Description
key	string	

Property	Type	Description
name	string	
optional	boolean	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].envFrom

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].envFrom[]

Type

object

Property	Type	Description
configMapRef	object	
prefix	string	
secretRef	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].envFrom[].configMapRef

Type

object

Property	Type	Description
name	string	
optional	boolean	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].envFrom[].secretRef

Type

object

Property	Type	Description
name	string	
optional	boolean	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle

Type

object

Property	Type	Description
postStart	object	
preStop	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.httpGet.httpHeaders

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.httpGet.httpHeaders[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.postStart.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.httpGet.httpHeaders`

Type

array

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.httpGet.httpHeaders[]`

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].lifecycle.preStop.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	

Property	Type	Description
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.httpGet.httpHeaders

Type

array

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.httpGet.httpHeaders[]`

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].livenessProbe.tcpSocket`

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].ports

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].ports[]

Type

object

Required

containerPort

Property	Type	Description
containerPort	integer	
hostIP	string	
hostPort	integer	
name	string	
protocol	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.httpGet.httpHeaders

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.httpGet.httpHeaders[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].readinessProbe.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].resources

Type

object

Property	Type	Description
limits	object	
requests	object	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].resources.limits

Type

object

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].resources.requests

Type

object

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext

Type

object

Property	Type	Description
allowPrivilegeEscalation	boolean	
capabilities	object	
privileged	boolean	
procMount	string	
readOnlyRootFilesystem	boolean	
runAsGroup	integer	
runAsNonRoot	boolean	
runAsUser	integer	
seLinuxOptions	object	
seccompProfile	object	
windowsOptions	object	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.capabilities`

Type

object

Property	Type	Description
<code>add</code>	array	
<code>drop</code>	array	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.capabilities.add`

Type

array

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.capabilities.add[]`

Type

string

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.capabilities.drop`

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.capabilities.drop[]

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.seLinuxOptions

Type

object

Property	Type	Description
level	string	
role	string	
type	string	
user	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.seccompProfile

Type

object

Required

type

Property	Type	Description
localhostProfile	string	

Property	Type	Description
type	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].securityContext.windowsOptions

Type

object

Property	Type	Description
gmsaCredentialSpec	string	
gmsaCredentialSpecName	string	
hostProcess	boolean	
runAsUserName	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	

Property	Type	Description
<code>initialDelaySeconds</code>	<code>integer</code>	
<code>periodSeconds</code>	<code>integer</code>	
<code>successThreshold</code>	<code>integer</code>	
<code>tcpSocket</code>	<code>object</code>	
<code>terminationGracePeriodSeconds</code>	<code>integer</code>	
<code>timeoutSeconds</code>	<code>integer</code>	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.exec`

Type

`object`

Property	Type	Description
<code>command</code>	<code>array</code>	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.exec.command`

Type

`array`

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.exec.command[]`

Type

string

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		

Property	Type	Description
<code>scheme</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.httpGet.httpHeaders`

Type

`array`

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.httpGet.httpHeaders[]`

Type

`object`

Required

`name` `value`

Property	Type	Description
<code>name</code>	<code>string</code>	
<code>value</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].startupProbe.tcpSocket`

Type

`object`

Required

`port`

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].volumeDevices

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].volumeDevices[]

Type

object

Required

devicePath name

Property	Type	Description
devicePath	string	
name	string	

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].volumeMounts

Type

array

.spec.override.statefulSet.spec.template.spec.ephemeralContainers[].volumeMounts[]

Type

object

Required

mountPath name

Property	Type	Description
mountPath	string	
mountPropagation	string	
name	string	
readOnly	boolean	
subPath	string	
subPathExpr	string	

.spec.override.statefulSet.spec.template.spec.hostAliases

Type

array

.spec.override.statefulSet.spec.template.spec.hostAliases
[]

Type

object

Property	Type	Description
hostnames	array	
ip	string	

**.spec.override.statefulSet.spec.template.spec.hostAliases
[].hostnames**

Type

array

**.spec.override.statefulSet.spec.template.spec.hostAliases
[].hostnames[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.imagePullS
ecrets**

Type

array

**.spec.override.statefulSet.spec.template.spec.imagePullS
ecrets[]**

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.initContainers

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[]

Type

object

Required

name

Property	Type	Description
args	array	
command	array	
env	array	
envFrom	array	
image	string	
imagePullPolicy	string	
lifecycle	object	
livenessProbe	object	

Property	Type	Description
name	string	
ports	array	
readinessProbe	object	
resources	object	
securityContext	object	
startupProbe	object	
stdin	boolean	
stdinOnce	boolean	
terminationMessagePath	string	
terminationMessagePolicy	string	
tty	boolean	
volumeDevices	array	
volumeMounts	array	
workingDir	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].args

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].args[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].env

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].env[]

Type

object

Required

name

Property	Type	Description
name	string	
value	string	
valueFrom	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].env[].valueFrom

Type

object

Property	Type	Description
configMapKeyRef	object	
fieldRef	object	
resourceFieldRef	object	
secretKeyRef	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].env[].valueFrom.configMapKeyRef

Type

object

Required

key

Property	Type	Description
key	string	
name	string	
optional	boolean	

.spec.override.statefulSet.spec.template.spec.initContainers[].env[].valueFrom.fieldRef

Type

object

Required

fieldPath

Property	Type	Description
apiVersion	string	
fieldPath	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].env[].valueFrom.resourceFieldRef

Type

object

Required

resource

Property	Type	Description
containerName	string	

Property	Type	Description
<code>divisor</code>	<code></code>	
<code>resource</code>	<code>string</code>	

.spec.override.statefulSet.spec.template.spec.initContainers[].env[].valueFrom.secretKeyRef

Type

`object`

Required

`key`

Property	Type	Description
<code>key</code>	<code>string</code>	
<code>name</code>	<code>string</code>	
<code>optional</code>	<code>boolean</code>	

.spec.override.statefulSet.spec.template.spec.initContainers[].envFrom

Type

`array`

.spec.override.statefulSet.spec.template.spec.initContainers[].envFrom[]

Type

`object`

Property	Type	Description
<code>configMapRef</code>	<code>object</code>	
<code>prefix</code>	<code>string</code>	
<code>secretRef</code>	<code>object</code>	

`.spec.override.statefulSet.spec.template.spec.initContainers[].envFrom[].configMapRef`

Type

`object`

Property	Type	Description
<code>name</code>	<code>string</code>	
<code>optional</code>	<code>boolean</code>	

`.spec.override.statefulSet.spec.template.spec.initContainers[].envFrom[].secretRef`

Type

`object`

Property	Type	Description
<code>name</code>	<code>string</code>	
<code>optional</code>	<code>boolean</code>	

`.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle`

Type

object

Property	Type	Description
postStart	object	
preStop	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

`.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.httpGet.httpHeaders`

Type

array

`.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.httpGet.httpHeaders[]`

Type

object

Required

name

value

Property	Type	Description
name	string	
value	string	

`.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.postStart.tcpSocket`

Type

object

Required

port

Property	Type	Description
host	string	

Property	Type	Description
port		

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop

Type

object

Property	Type	Description
exec	object	
httpGet	object	
tcpSocket	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.httpGet.httpHeaders

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.httpGet.httpHeaders[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].lifecycle.preStop.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

`.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.httpGet.httpHeaders`

Type

array

`.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.httpGet.httpHeaders[]`

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].livenessProbe.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.initContainers[].ports

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].ports[]

Type

object

Required

containerPort

Property	Type	Description
containerPort	integer	

Property	Type	Description
hostIP	string	
hostPort	integer	
name	string	
protocol	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.httpGet.httpHeaders

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.httpGet.httpHeaders[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].readinessProbe.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.initContainers[].resources

Type

object

Property	Type	Description
limits	object	
requests	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].resources.limits

Type

object

.spec.override.statefulSet.spec.template.spec.initContainers[].resources.requests

Type

object

.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext

Type

object

Property	Type	Description
allowPrivilegeEscalation	boolean	
capabilities	object	
privileged	boolean	

Property	Type	Description
procMount	string	
readOnlyRootFilesystem	boolean	
runAsGroup	integer	
runAsNonRoot	boolean	
runAsUser	integer	
seLinuxOptions	object	
seccompProfile	object	
windowsOptions	object	

.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.capabilities

Type

object

Property	Type	Description
add	array	
drop	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.capabilities.add

Type

array

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.capabilities.add[]`

Type

string

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.capabilities.drop`

Type

array

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.capabilities.drop[]`

Type

string

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.seLinuxOptions`

Type

object

Property	Type	Description
<code>level</code>	string	
<code>role</code>	string	
<code>type</code>	string	
<code>user</code>	string	

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.seccompProfile`

Type

`object`

Required

`type`

Property	Type	Description
<code>localhostProfile</code>	<code>string</code>	
<code>type</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.initContainers[].securityContext.windowsOptions`

Type

`object`

Property	Type	Description
<code>gmsaCredentialSpec</code>	<code>string</code>	
<code>gmsaCredentialSpecName</code>	<code>string</code>	
<code>hostProcess</code>	<code>boolean</code>	
<code>runAsUserName</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe`

Type

object

Property	Type	Description
exec	object	
failureThreshold	integer	
grpc	object	
httpGet	object	
initialDelaySeconds	integer	
periodSeconds	integer	
successThreshold	integer	
tcpSocket	object	
terminationGracePeriodSeconds	integer	
timeoutSeconds	integer	

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.exec

Type

object

Property	Type	Description
command	array	

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.exec.command

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.exec.command[]

Type

string

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.grpc

Type

object

Required

port

Property	Type	Description
port	integer	
service	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.httpGet

Type

object

Required

port

Property	Type	Description
host	string	
httpHeaders	array	
path	string	
port		
scheme	string	

`.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.httpGet.httpHeaders`

Type

array

`.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.httpGet.httpHeaders[]`

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].startupProbe.tcpSocket

Type

object

Required

port

Property	Type	Description
host	string	
port		

.spec.override.statefulSet.spec.template.spec.initContainers[].volumeDevices

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].volumeDevices[]

Type

object

Required

devicePath name

Property	Type	Description
devicePath	string	

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.initContainers[].volumeMounts

Type

array

.spec.override.statefulSet.spec.template.spec.initContainers[].volumeMounts[]

Type

object

Required

mountPath name

Property	Type	Description
mountPath	string	
mountPropagation	string	
name	string	
readOnly	boolean	
subPath	string	
subPathExpr	string	

`.spec.override.statefulSet.spec.template.spec.nodeSelector`

Type

object

`.spec.override.statefulSet.spec.template.spec.os`

Type

object

Required

name

Property	Type	Description
name	string	

`.spec.override.statefulSet.spec.template.spec.overhead`

Type

object

`.spec.override.statefulSet.spec.template.spec.readinessGates`

Type

array

`.spec.override.statefulSet.spec.template.spec.readinessGates[]`

Type

object

Required

conditionType

Property	Type	Description
conditionType	string	

.spec.override.statefulSet.spec.template.spec.securityContext

Type

object

Property	Type	Description
fsGroup	integer	
fsGroupChangePolicy	string	
runAsGroup	integer	
runAsNonRoot	boolean	
runAsUser	integer	
seLinuxOptions	object	
seccompProfile	object	
supplementalGroups	array	
sysctls	array	
windowsOptions	object	

`.spec.override.statefulSet.spec.template.spec.securityContext.seLinuxOptions`

Type

object

Property	Type	Description
level	string	
role	string	
type	string	
user	string	

`.spec.override.statefulSet.spec.template.spec.securityContext.seccompProfile`

Type

object

Required

type

Property	Type	Description
localhostProfile	string	
type	string	

`.spec.override.statefulSet.spec.template.spec.securityContext.supplementalGroups`

Type

array

.spec.override.statefulSet.spec.template.spec.securityContext.supplementalGroups[]

Type

integer

.spec.override.statefulSet.spec.template.spec.securityContext.sysctls

Type

array

.spec.override.statefulSet.spec.template.spec.securityContext.sysctls[]

Type

object

Required

name value

Property	Type	Description
name	string	
value	string	

.spec.override.statefulSet.spec.template.spec.securityContext.windowsOptions

Type

`object`

Property	Type	Description
<code>gmsaCredentialSpec</code>	<code>string</code>	
<code>gmsaCredentialSpecName</code>	<code>string</code>	
<code>hostProcess</code>	<code>boolean</code>	
<code>runAsUserName</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.tolerations`

Type

`array`

`.spec.override.statefulSet.spec.template.spec.tolerations[]`

Type

`object`

Property	Type	Description
<code>effect</code>	<code>string</code>	
<code>key</code>	<code>string</code>	
<code>operator</code>	<code>string</code>	
<code>tolerationSeconds</code>	<code>integer</code>	
<code>value</code>	<code>string</code>	

`.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints`

Type

array

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[]

Type

object

Required

maxSkew topologyKey whenUnsatisfiable

Property	Type	Description
labelSelector	object	
matchLabelKeys	array	
maxSkew	integer	
minDomains	integer	
nodeAffinityPolicy	string	
nodeTaintsPolicy	string	
topologyKey	string	
whenUnsatisfiable	string	

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector.matchExpressions

Type

array

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].labelSelector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].matchLabelKeys

Type

array

.spec.override.statefulSet.spec.template.spec.topologySpreadConstraints[].matchLabelKeys[]

Type

string

.spec.override.statefulSet.spec.template.spec.volumes

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[]

Type

object

Required

name

Property	Type	Description
awsElasticBlockStore	object	
azureDisk	object	
azureFile	object	
cephfs	object	
cinder	object	
configMap	object	
csi	object	
downwardAPI	object	
emptyDir	object	
ephemeral	object	
fc	object	
flexVolume	object	
flocker	object	
gcePersistentDisk	object	
gitRepo	object	

Property	Type	Description
glusterfs	object	
hostPath	object	
iscsi	object	
name	string	
nfs	object	
persistentVolumeClaim	object	
photonPersistentDisk	object	
portworxVolume	object	
projected	object	
quobyte	object	
rbd	object	
scaleIO	object	
secret	object	
storageos	object	
vsphereVolume	object	

.spec.override.statefulSet.spec.template.spec.volumes[][awsElasticBlockStore](#)

Type

object

Required

volumeID

Property	Type	Description
fsType	string	
partition	integer	
readOnly	boolean	
volumeID	string	

.spec.override.statefulSet.spec.template.spec.volumes[].azureDisk

Type

object

Required

diskName diskURI

Property	Type	Description
cachingMode	string	
diskName	string	
diskURI	string	
fsType	string	
kind	string	
readOnly	boolean	

.spec.override.statefulSet.spec.template.spec.volumes[].azureFile

Type

object

Required

secretName shareName

Property	Type	Description
readOnly	boolean	
secretName	string	
shareName	string	

.spec.override.statefulSet.spec.template.spec.volumes[].cephfs

Type

object

Required

monitors

Property	Type	Description
monitors	array	
path	string	
readOnly	boolean	
secretFile	string	
secretRef	object	
user	string	

.spec.override.statefulSet.spec.template.spec.volumes[].cephfs.monitors

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].cephfs.monitors[]

Type

string

.spec.override.statefulSet.spec.template.spec.volumes[].cephfs.secretRef

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.volumes[].csi.nder

Type

object

Required

volumeID

Property	Type	Description
fsType	string	
readOnly	boolean	
secretRef	object	
volumeID	string	

**.spec.override.statefulSet.spec.template.spec.volumes[].ci
nder.secretRef**

Type

object

Property	Type	Description
name	string	

**.spec.override.statefulSet.spec.template.spec.volumes[].c
onfigMap**

Type

object

Property	Type	Description
defaultMode	integer	
items	array	
name	string	
optional	boolean	

.spec.override.statefulSet.spec.template.spec.volumes[].configMap.items

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].configMap.items[]

Type

object

Required

key path

Property	Type	Description
key	string	
mode	integer	
path	string	

.spec.override.statefulSet.spec.template.spec.volumes[].csi

Type

object

Required

driver

Property	Type	Description
driver	string	
fsType	string	
nodePublishSecretRef	object	
readOnly	boolean	
volumeAttributes	object	

**.spec.override.statefulSet.spec.template.spec.volumes[]c
si.nodePublishSecretRef**

Type

object

Property	Type	Description
name	string	

**.spec.override.statefulSet.spec.template.spec.volumes[]c
si.volumeAttributes**

Type

object

**.spec.override.statefulSet.spec.template.spec.volumes[]d
ownwardAPI**

Type

object

Property	Type	Description
defaultMode	integer	
items	array	

.spec.override.statefulSet.spec.template.spec.volumes[].downwardAPI.items

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].downwardAPI.items[]

Type

object

Required

path

Property	Type	Description
fieldRef	object	
mode	integer	
path	string	
resourceFieldRef	object	

.spec.override.statefulSet.spec.template.spec.volumes[].downwardAPI.items[].fieldRef

Type

object

Required

fieldPath

Property	Type	Description
apiVersion	string	
fieldPath	string	

.spec.override.statefulSet.spec.template.spec.volumes[].downwardAPI.items[].resourceFieldRef

Type

object

Required

resource

Property	Type	Description
containerName	string	
divisor		
resource	string	

.spec.override.statefulSet.spec.template.spec.volumes[].emptyDir

Type

object

Property	Type	Description
medium	string	
sizeLimit		

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral

Type

object

Property	Type	Description
volumeClaimTemplate	object	

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate

Type

object

Required

spec

Property	Type	Description
metadata	ObjectMeta	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
spec	object	

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec

Type

object

Property	Type	Description
accessModes	array	
dataSource	object	
dataSourceRef	object	
resources	object	
selector	object	
storageClassName	string	
volumeMode	string	
volumeName	string	

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.accessModes

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.accessModes[]

Type

string

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.dataSource`

Type

object

Required

kind name

Property	Type	Description
apiGroup	string	
kind	string	
name	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.dataSourceRef`

Type

object

Required

kind name

Property	Type	Description
apiGroup	string	
kind	string	
name	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.resources`

Type

object

Property	Type	Description
<code>limits</code>	object	
<code>requests</code>	object	

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.resources.limits`

Type

object

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.resources.requests`

Type

object

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector`

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector.matchExpressions`

Type

array

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector.matchExpressions[]`

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

`.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector.matchExpr`

essions[].values

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.template.spec.volumes[].ephemeral.volumeClaimTemplate.spec.selector.matchLabels

Type

object

.spec.override.statefulSet.spec.template.spec.volumes[].fsC

Type

object

Property	Type	Description
fsType	string	
lun	integer	
readOnly	boolean	

Property	Type	Description
targetWWNs	array	
wwids	array	

.spec.override.statefulSet.spec.template.spec.volumes[].fc.targetWWNs

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].fc.targetWWNs[]

Type

string

.spec.override.statefulSet.spec.template.spec.volumes[].fc.wwids

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].fc.wwids[]

Type

string

`.spec.override.statefulSet.spec.template.spec.volumes[].flexVolume`

Type

object

Required

driver

Property	Type	Description
driver	string	
fsType	string	
options	object	
readOnly	boolean	
secretRef	object	

`.spec.override.statefulSet.spec.template.spec.volumes[].flexVolume.options`

Type

object

`.spec.override.statefulSet.spec.template.spec.volumes[].flexVolume.secretRef`

Type

object

Property	Type	Description
name	string	

**.spec.override.statefulSet.spec.template.spec.volumes[].fl
ocker**

Type

object

Property	Type	Description
datasetName	string	
datasetUUID	string	

**.spec.override.statefulSet.spec.template.spec.volumes[].g
cePersistentDisk**

Type

object

Required

pdName

Property	Type	Description
fsType	string	
partition	integer	
pdName	string	
readOnly	boolean	

.spec.override.statefulSet.spec.template.spec.volumes[].gitRepo

Type

object

Required

repository

Property	Type	Description
directory	string	
repository	string	
revision	string	

.spec.override.statefulSet.spec.template.spec.volumes[].glusterfs

Type

object

Required

endpoints path

Property	Type	Description
endpoints	string	
path	string	
readOnly	boolean	

.spec.override.statefulSet.spec.template.spec.volumes[].hostPath

Type

object

Required

path

Property	Type	Description
path	string	
type	string	

.spec.override.statefulSet.spec.template.spec.volumes[].csi

Type

object

Required

iqn lun targetPortal

Property	Type	Description
chapAuthDiscovery	boolean	
chapAuthSession	boolean	
fsType	string	
initiatorName	string	
iqn	string	
iscsiInterface	string	

Property	Type	Description
lun	integer	
portals	array	
readOnly	boolean	
secretRef	object	
targetPortal	string	

**.spec.override.statefulSet.spec.template.spec.volumes[] is
csi.portals**

Type

array

**.spec.override.statefulSet.spec.template.spec.volumes[] is
csi.portals[]**

Type

string

**.spec.override.statefulSet.spec.template.spec.volumes[] is
csi.secretRef**

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.volumes[].nfs

Type

object

Required

path server

Property	Type	Description
path	string	
readOnly	boolean	
server	string	

.spec.override.statefulSet.spec.template.spec.volumes[].persistentVolumeClaim

Type

object

Required

claimName

Property	Type	Description
claimName	string	
readOnly	boolean	

.spec.override.statefulSet.spec.template.spec.volumes[].pvc.persistentDisk

Type

object

Required

pdID

Property	Type	Description
fsType	string	
pdID	string	

.spec.override.statefulSet.spec.template.spec.volumes[].portworxVolume

Type

object

Required

volumeID

Property	Type	Description
fsType	string	
readOnly	boolean	
volumeID	string	

.spec.override.statefulSet.spec.template.spec.volumes[].projected

Type

object

Property	Type	Description
defaultMode	integer	
sources	array	

.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[]

Type

object

Property	Type	Description
configMap	object	
downwardAPI	object	
secret	object	
serviceAccountToken	object	

.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].configMap

Type

object

Property	Type	Description
items	array	
name	string	
optional	boolean	

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].configMap.items`

Type

array

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].configMap.items[]`

Type

object

Required

key path

Property	Type	Description
key	string	
mode	integer	
path	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].downwardAPI`

Type

object

Property	Type	Description
items	array	

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].downwardAPI.items`

Type

array

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].downwardAPI.items[]`

Type

object

Required

path

Property	Type	Description
fieldRef	object	
mode	integer	
path	string	
resourceFieldRef	object	

`.spec.override.statefulSet.spec.template.spec.volumes[].
projected.sources[].downwardAPI.items[].fieldRef`

Type

object

Required

fieldPath

Property	Type	Description
apiVersion	string	
fieldPath	string	

.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].downwardAPI.items[].resourceFieldRef

Type

object

Required

resource

Property	Type	Description
containerName	string	
divisor		
resource	string	

.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].secret

Type

object

Property	Type	Description
items	array	
name	string	
optional	boolean	

`.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].secret.items`

Type

array

`.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].secret.items[]`

Type

object

Required

key path

Property	Type	Description
key	string	
mode	integer	
path	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].projected.sources[].serviceAccountToken`

Type

object

Required

path

Property	Type	Description
audience	string	
expirationSeconds	integer	
path	string	

.spec.override.statefulSet.spec.template.spec.volumes[].quobyte

Type

object

Required

registry volume

Property	Type	Description
group	string	
readOnly	boolean	
registry	string	
tenant	string	
user	string	
volume	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].rb`

Type

object

Required

image monitors

Property	Type	Description
fsType	string	
image	string	
keyring	string	
monitors	array	
pool	string	
readOnly	boolean	
secretRef	object	
user	string	

`.spec.override.statefulSet.spec.template.spec.volumes[].rb.monitors`

Type

array

`.spec.override.statefulSet.spec.template.spec.volumes[].rb.monitors[]`

Type

string

.spec.override.statefulSet.spec.template.spec.volumes[].rbd.secretRef

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.volumes[].scaleIO

Type

object

Required

gatewaysecretRefsystem

Property	Type	Description
fsType	string	
gateway	string	
protectionDomain	string	
readOnly	boolean	
secretRef	object	
sslEnabled	boolean	

Property	Type	Description
storageMode	string	
storagePool	string	
system	string	
volumeName	string	

.spec.override.statefulSet.spec.template.spec.volumes[].storageIO.secretRef

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.volumes[].storageIO.secret

Type

object

Property	Type	Description
defaultMode	integer	
items	array	
optional	boolean	
secretName	string	

.spec.override.statefulSet.spec.template.spec.volumes[].secret.items

Type

array

.spec.override.statefulSet.spec.template.spec.volumes[].secret.items[]

Type

object

Required

key path

Property	Type	Description
key	string	
mode	integer	
path	string	

.spec.override.statefulSet.spec.template.spec.volumes[].storageos

Type

object

Property	Type	Description
fsType	string	
readOnly	boolean	

Property	Type	Description
secretRef	object	
volumeName	string	
volumeNamespace	string	

.spec.override.statefulSet.spec.template.spec.volumes[].storageos.secretRef

Type

object

Property	Type	Description
name	string	

.spec.override.statefulSet.spec.template.spec.volumes[].vsphereVolume

Type

object

Required

volumePath

Property	Type	Description
fsType	string	
storagePolicyID	string	
storagePolicyName	string	

Property	Type	Description
volumePath	string	

.spec.override.statefulSet.spec.updateStrategy

Type

object

Property	Type	Description
rollingUpdate	object	
type	string	

.spec.override.statefulSet.spec.updateStrategy.rollingUpdate

Type

object

Property	Type	Description
maxUnavailable		
partition	integer	

.spec.override.statefulSet.spec.volumeClaimTemplates

Type

array

.spec.override.statefulSet.spec.volumeClaimTemplates[]

Type

object

Property	Type	Description
apiVersion	string	
kind	string	
metadata	ObjectMeta	ObjectMeta is metadata that all persisted resources must have, which includes all objects users must create.
spec	object	

.spec.override.statefulSet.spec.volumeClaimTemplates[]spec

Type

object

Property	Type	Description
accessModes	array	
dataSource	object	
dataSourceRef	object	
resources	object	
selector	object	
storageClassName	string	
volumeMode	string	

Property	Type	Description
volumeName	string	

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.accessModes

Type

array

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.accessModes[]

Type

string

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.dataSource

Type

object

Required

kind name

Property	Type	Description
apiGroup	string	
kind	string	
name	string	

`.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.dataSourceRef`

Type

object

Required

kind name

Property	Type	Description
apiGroup	string	
kind	string	
name	string	

`.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.resources`

Type

object

Property	Type	Description
limits	object	
requests	object	

`.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.resources.limits`

Type

object

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.resources.requests

Type

object

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector

Type

object

Property	Type	Description
matchExpressions	array	
matchLabels	object	

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector.matchExpressions

Type

array

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector.matchExpressions[]

Type

object

Required

key operator

Property	Type	Description
key	string	
operator	string	
values	array	

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector.matchExpressions[].values

Type

array

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector.matchExpressions[].values[]

Type

string

.spec.override.statefulSet.spec.volumeClaimTemplates[].spec.selector.matchLabels

Type

object

.spec.persistence

Description

The desired persistent storage configuration for each Pod in the cluster.

Type

object

Property	Type	Description
storage		The requested size of the persistent volume attached to each Pod in the RabbitmqCluster. The format of this field matches defined by kubernetes/apimachinery. See https://pkg.go.dev/k8s.io/apimachinery/pkg/api/resource#C for more info on the format of this field.
storageClassName	string	The name of the StorageClass to claim a PersistentVolume

.spec.rabbitmq

Description

Configuration options for RabbitMQ Pods created in the cluster.

Type

object

Property	Type	Description
additionalConfig	string	Modify to add to the rabbitmq.conf file in addition to default configurations set by the operator. Modifying this property on an existing RabbitmqCluster will trigger a StatefulSet rolling restart and will cause rabbitmq downtime. For more information on this config, see https://www.rabbitmq.com/configure.html#config-file
additionalPlugins	array	List of plugins to enable in addition to essential plugins: rabbitmq_management,

Property	Type	Description
		rabbitmq_prometheus, and rabbitmq_peer_discovery_k8s.
<code>advancedConfig</code>	<code>string</code>	Specify any rabbitmq advanced.config configurations to apply to the cluster. For more information on advanced config, see https://www.rabbitmq.com/configure.html#advanced-config-file ↗
<code>envConfig</code>	<code>string</code>	Modify to add to the rabbitmq-env.conf file. Modifying this property on an existing RabbitmqCluster will trigger a StatefulSet rolling restart and will cause rabbitmq downtime. For more information on env config, see https://www.rabbitmq.com/man/rabbitmq-env.conf.5.html ↗

`.spec.rabbitmq.additionalPlugins`

Description

List of plugins to enable in addition to essential plugins: rabbitmq_management, rabbitmq_prometheus, and rabbitmq_peer_discovery_k8s.

Type

`array`

`.spec.rabbitmq.additionalPlugins[]`

Description

A Plugin to enable on the RabbitmqCluster.

Type

string

.spec.resources

Description

The desired compute resource requirements of Pods in the cluster.

Type

object

Property	Type	Description
limits	object	Limits describes the maximum amount of compute resources allowed. More info: https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/ ↗
requests	object	Requests describes the minimum amount of compute resources required. If Requests is omitted for a container, it defaults to Limits if that is explicitly specified, otherwise to an implementation-defined value. More info: https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/ ↗

.spec.resources.limits

Description

Limits describes the maximum amount of compute resources allowed. More info: <https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/>

Type

object

.spec.resources.requests

Description

Requests describes the minimum amount of compute resources required. If Requests is omitted for a container, it defaults to Limits if that is explicitly specified, otherwise to an implementation-defined value. More info:

<https://kubernetes.io/docs/concepts/configuration/manage-resources-containers/>

Type

object

.spec.service

Description

The desired state of the Kubernetes Service to create for the cluster.

Type

object

Property	Type	Description
annotations	object	Annotations to add to the Service.
type	string	Type of Service to create for the cluster. Must be one of: ClusterIP, LoadBalancer, NodePort. For more info see https://pkg.go.dev/k8s.io/api/core/v1#ServiceType

.spec.service.annotations

Description

Annotations to add to the Service.

Type

`object`

.spec.exporter

Description

Exporter controls standalone rabbitmq-exporter resources.

Type

`object`

Property	Type	Description
<code>enabled</code>	<code>boolean</code>	Enabled controls whether standalone exporter resources are reconciled.
<code>image</code>	<code>string</code>	Image overrides the exporter image when specified.

.spec.tls

Description

TLS-related configuration for the RabbitMQ cluster.

Type

`object`

Property	Type	Description
<code>caSecretName</code>	<code>string</code>	Name of a Secret in the same Namespace as the RabbitmqCluster, containing the Certificate Authority's public certificate for TLS. The Secret must store this as ca.crt. This Secret can be created by running <code>kubectl create secret generic ca-</code>

Property	Type	Description
		<code>secret --from-file=ca.crt=path/to/ca.crt</code> Used for mTLS, and TLS for rabbitmq_web_stomp and rabbitmq_web_mqtt.
<code>disableNonTLSListeners</code>	<code>boolean</code>	When set to true, the RabbitmqCluster disables non-TLS listeners for RabbitMQ, management plugin and for any enabled plugins in the following list: stomp, mqtt, web_stomp, web_mqtt. Only TLS-enabled clients will be able to connect.
<code>secretName</code>	<code>string</code>	Name of a Secret in the same Namespace as the RabbitmqCluster, containing the server's private key & public certificate for TLS. The Secret must store these as <code>tls.key</code> and <code>tls.crt</code>, respectively. This Secret can be created by running <code>kubectl create secret tls tls-secret --cert=path/to/tls.crt --key=path/to/tls.key</code>

.spec.tolerations

Description

Tolerations is the list of Toleration resources attached to each Pod in the RabbitmqCluster.

Type

`array`

.spec.tolerations[]

Description

The pod this Toleration is attached to tolerates any taint that matches the triple <key,value,effect> using the matching operator <operator>.

Type

object

Property	Type	Description
effect	string	Effect indicates the taint effect to match. Empty means match all taint effects. When specified, allowed values are NoSchedule, PreferNoSchedule and NoExecute.
key	string	Key is the taint key that the toleration applies to. Empty means match all taint keys. If the key is empty, operator must be Exists; this combination means to match all values and all keys.
operator	string	Operator represents a key's relationship to the value. Valid operators are Exists and Equal. Defaults to Equal. Exists is equivalent to wildcard for value, so that a pod can tolerate all taints of a particular category.
tolerationSeconds	integer	TolerationSeconds represents the period of time the toleration (which must be of effect NoExecute, otherwise this field is ignored) tolerates the taint. By default, it is not set, which means tolerate the taint forever (do not evict). Zero and negative values will be treated as 0 (evict immediately) by the system.

Property	Type	Description
<code>value</code>	<code>string</code>	Value is the taint value the toleration matches to. If the operator is Exists, the value should be empty, otherwise just a regular string.

.spec.upgradeOption

Description

UpgradeOption defines the upgrade strategy for the Redis instance.

Type

`object`

Property	Type	Description
<code>autoUpgrade</code>	<code>boolean</code>	AutoUpgrade whether upgrade automatically
<code>crVersion</code>	<code>string</code>	CRVersion indicates the version to upgrade to.

.status

Description

Status presents the observed state of RabbitmqCluster

Type

`object`

Required

`conditions`

Property	Type	Description
<code>binding</code>	<code>object</code>	Binding exposes a secret containing the binding information for this RabbitmqCluster. It implements the service binding Provisioned Service duck type. See: https://k8s-service-bindings.github.io/spec/#provisioned-service ↗
<code>conditions</code>	<code>array</code>	Set of Conditions describing the current state of the RabbitmqCluster
<code>defaultUser</code>	<code>object</code>	Identifying information on internal resources
<code>observedGeneration</code>	<code>integer</code>	observedGeneration is the most recent successful generation observed for this RabbitmqCluster. It corresponds to the RabbitmqCluster's generation, which is updated on mutation by the API Server.
<code>operatorVersion</code>	<code>string</code>	operator version
<code>phase</code>	<code>string</code>	alauda rabbitmq phase
<code>reason</code>	<code>string</code>	alauda rabbitmq phase reason

Property	Type	Description
<code>upgradeStatus</code>	<code>object</code>	UpgradeStatus indicates the status of the bundle upgrade.

.status.binding

Description

Binding exposes a secret containing the binding information for this RabbitmqCluster. It implements the service binding Provisioned Service duck type. See: <https://k8s-service-bindings.github.io/spec/#provisioned-service>

Type

`object`

Property	Type	Description
<code>name</code>	<code>string</code>	Name of the referent. More info: https://kubernetes.io/docs/concepts/overview/working-with-objects/names/#names ↗

.status.conditions

Description

Set of Conditions describing the current state of the RabbitmqCluster

Type

`array`

.status.conditions[]

Type

object

Required

status type

Property	Type	Description
lastTransitionTime	string	The last time this Condition type changed.
message	string	Full text reason for current status of the condition.
reason	string	One word, camel-case reason for current status of the condition.
status	string	True, False, or Unknown
type	string	Type indicates the scope of RabbitmqCluster status addressed by the condition.

.status.defaultUser

Description

Identifying information on internal resources

Type

object

Property	Type	Description
<code>secretReference</code>	<code>object</code>	Reference to the Kubernetes Secret containing the credentials of the default user.
<code>serviceReference</code>	<code>object</code>	Reference to the Kubernetes Service serving the cluster.

`.status.defaultUser.secretReference`

Description

Reference to the Kubernetes Secret containing the credentials of the default user.

Type

`object`

Required

`keys` `name` `namespace`

Property	Type	Description
<code>keys</code>	<code>object</code>	Key-value pairs in the Secret corresponding to <code>username</code> and <code>password</code>
<code>name</code>	<code>string</code>	Name of the Secret containing the default user credentials
<code>namespace</code>	<code>string</code>	Namespace of the Secret containing the default user credentials

.status.defaultUser.secretReference.keys

Description

Key-value pairs in the Secret corresponding to `username` and `password`

Type

object

.status.defaultUser.serviceReference

Description

Reference to the Kubernetes Service serving the cluster.

Type

object

Required

name

namespace

Property	Type	Description
name	string	Name of the Service serving the cluster
namespace	string	Namespace of the Service serving the cluster

.status.upgradeStatus

Description

UpgradeStatus indicates the status of the bundle upgrade.

Type

object

Property	Type	Description
<code>crVersion</code>	<code>string</code>	CRVersion indicates the version to upgrade to.
<code>message</code>	<code>string</code>	Message indicates the message of the upgrade.

API Endpoints

The following API endpoints are available:

- `/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters`
 - `DELETE` : delete collection of RabbitmqCluster
 - `GET` : list objects of kind RabbitmqCluster
 - `POST` : create a new RabbitmqCluster
- `/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters/{name}`
 - `DELETE` : delete the specified RabbitmqCluster
 - `GET` : read the specified RabbitmqCluster
 - `PATCH` : partially update the specified RabbitmqCluster
 - `PUT` : replace the specified RabbitmqCluster
- `/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters/{name}/status`
 - `GET` : read status of the specified RabbitmqCluster
 - `PATCH` : partially update status of the specified RabbitmqCluster
 - `PUT` : replace status of the specified RabbitmqCluster

/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters

HTTP method

DELETE

Description

delete collection of RabbitmqCluster

HTTP responses

HTTP code	Response body
200 - OK	Status ↗ schema
401 - Unauthorized	Empty

HTTP method

GET

Description

list objects of kind RabbitmqCluster

HTTP responses

HTTP code	Response body
200 - OK	RabbitmqClusterList schema
401 - Unauthorized	Empty

HTTP method

POST

Description

create a new RabbitmqCluster

Query parameters

Parameter	Type	Description
<code>dryRun</code>	<code>string</code>	When present, indicates that modifications should not be persisted. An invalid or unrecognized <code>dryRun</code> directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
<code>fieldValidation</code>	<code>string</code>	<code>fieldValidation</code> instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a <code>BadRequest</code> error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

Body parameters

Parameter	Type	Description
<code>body</code>	<code>RabbitmqCluster</code> schema	<code>application/json</code> formatted

HTTP responses

HTTP code	Response body
200 - OK	<code>RabbitmqCluster</code> schema
201 - Created	<code>RabbitmqCluster</code> schema

HTTP code	Response body
202 - Accepted	RabbitmqCluster schema
401 - Unauthorized	Empty

/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters/{name}

HTTP method

[DELETE](#)

Description

delete the specified RabbitmqCluster

Query parameters

Parameter	Type	Description
dryRun	string	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed

HTTP responses

HTTP code	Response body
200 - OK	Status  schema
202 - Accepted	Status  schema
401 - Unauthorized	Empty

HTTP method

[GET](#)

Description

read the specified RabbitmqCluster

HTTP responses

HTTP code	Response body
200 - OK	<code>RabbitmqCluster</code> schema
401 - Unauthorized	Empty

HTTP method

PATCH

Description

partially update the specified RabbitmqCluster

Query parameters

Parameter	Type	Description
<code>dryRun</code>	<code>string</code>	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
<code>fieldValidation</code>	<code>string</code>	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server

Parameter	Type	Description
		will contain all unknown and duplicate fields encountered.

HTTP responses

HTTP code	Response body
200 - OK	<code>RabbitmqCluster</code> schema
401 - Unauthorized	Empty

HTTP method

PUT

Description

replace the specified RabbitmqCluster

Query parameters

Parameter	Type	Description
<code>dryRun</code>	<code>string</code>	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
<code>fieldValidation</code>	<code>string</code>	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the

Parameter	Type	Description
		request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

Body parameters

Parameter	Type	Description
body	RabbitmqCluster schema	application/json formatted

HTTP responses

HTTP code	Response body
200 - OK	RabbitmqCluster schema
201 - Created	RabbitmqCluster schema
401 - Unauthorized	Empty

/apis/rabbitmq.com/v1beta1/namespaces/{namespace}/rabbitmqclusters/{name}/status

HTTP method

GET

Description

read status of the specified RabbitmqCluster

HTTP responses

HTTP code	Response body
200 - OK	RabbitmqCluster schema

HTTP code	Response body
401 - Unauthorized	Empty

HTTP method

PATCH

Description

partially update status of the specified RabbitmqCluster

Query parameters

Parameter	Type	Description
<code>dryRun</code>	<code>string</code>	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
<code>fieldValidation</code>	<code>string</code>	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

HTTP responses

HTTP code	Response body
200 - OK	<code>RabbitmqCluster</code> schema
401 - Unauthorized	Empty

HTTP method

PUT

Description

replace status of the specified RabbitmqCluster

Query parameters

Parameter	Type	Description
<code>dryRun</code>	<code>string</code>	When present, indicates that modifications should not be persisted. An invalid or unrecognized dryRun directive will result in an error response and no further processing of the request. Valid values are: - All: all dry run stages will be processed
<code>fieldValidation</code>	<code>string</code>	fieldValidation instructs the server on how to handle objects in the request (POST/PUT/PATCH) containing unknown or duplicate fields. Valid values are: - Ignore: This will ignore any unknown fields that are silently dropped from the object, and will ignore all but the last duplicate field that the decoder encounters. This is the default behavior prior to v1.23. - Warn: This will send a warning via the standard warning response header for each unknown field that is dropped from the object, and for each duplicate field that is encountered. The request will still succeed if there are no other errors, and will only persist the last of any duplicate fields. This is the default in v1.23+ - Strict: This will fail the request with a BadRequest error if any unknown fields would be dropped from the object, or if any duplicate fields are present. The error returned from the server will contain all unknown and duplicate fields encountered.

Body parameters

Parameter	Type	Description
body	RabbitmqCluster schema	application/json formatted

HTTP responses

HTTP code	Response body
200 - OK	RabbitmqCluster schema
201 - Created	RabbitmqCluster schema
401 - Unauthorized	Empty