
CKS : Complete Certification Guide

Exploring Service Accounts



RBAC in K8s

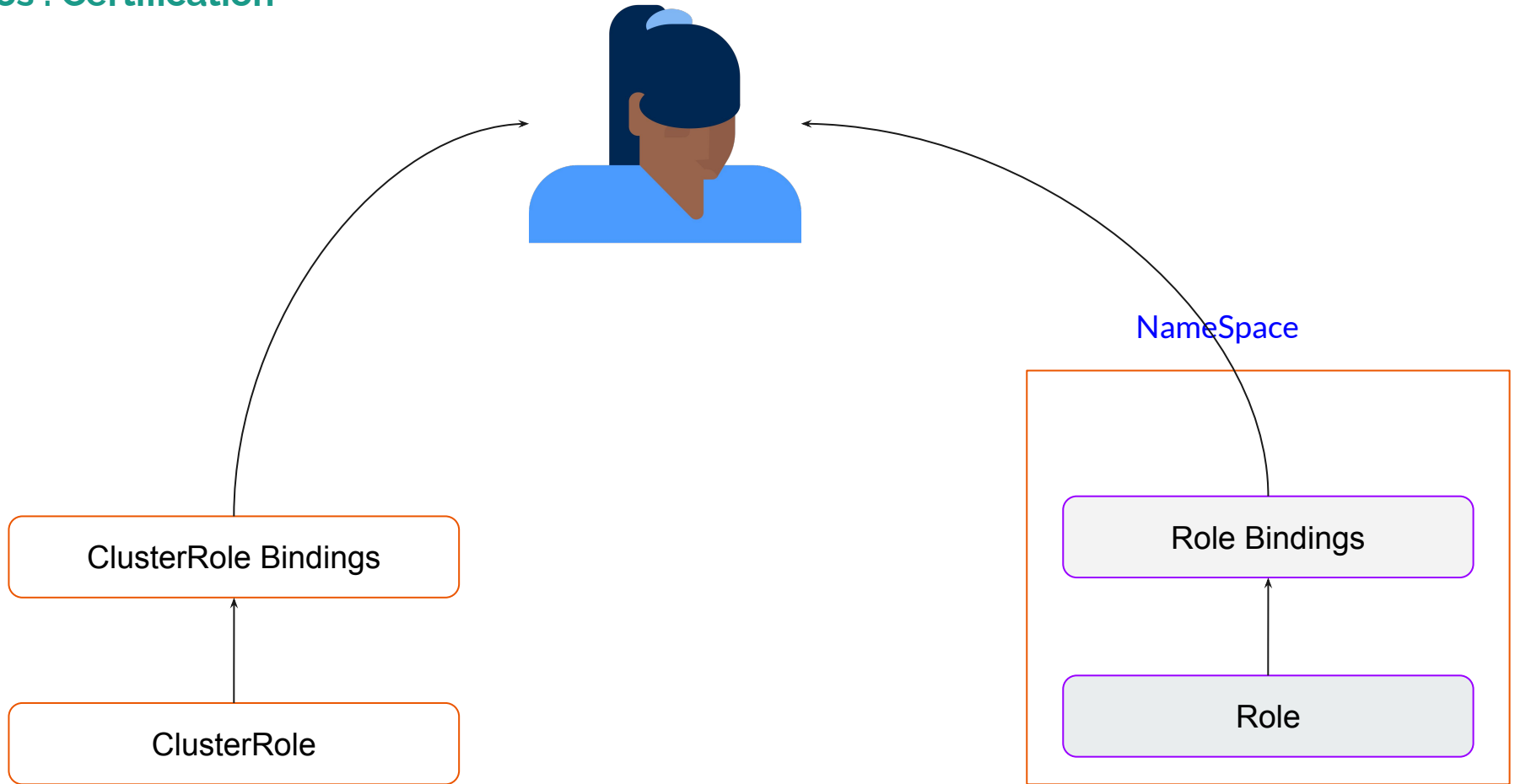
- Role-based access control (RBAC) is a method of regulating access to computer or network resources based on the roles of individual users within your organization.
- RBAC API declares four kinds of Kubernetes object: *Role*, *ClusterRole*, *RoleBinding* and *ClusterRoleBinding*.

Role
Permissions
- Read Pod
-Edit Pod

ClusterRole
Permissions
- Read Pod
-Edit Pod

- Role lives in NameSpace and ClusterRole works across the NameSpace.
- Role Bindings and ClusterRole Bindings attach Roles and ClusterRoles to Users.

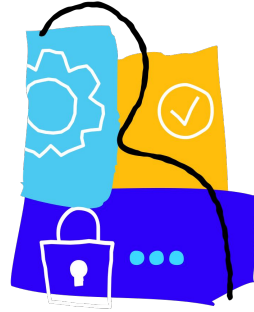
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Service Accounts in K8s

- Service account provides an identity for processes that run in a Pod.
- When you create a pod, if you do not specify a service account, it is automatically assigned the default service account in the same namespace.
- Service Accounts gives Pod Access to Kubernetes APIs. Their permissions are governed by regular RBAC Objects.

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Service Accounts

Make sure service account have only the necessary RBAC Permissions.

ClusterRole Bindings

ClusterRole

Thank You...

Don't be the Same! Be Better!!!
