Personas

Platform

Security

Namespace as a service Baseline Configuration

Use Case 03

Multitenancy on a Shared OpenShift Cluster using logical segregation.

#hub-spoke-model #fleet-management #provisioning #namespace #pipelinnes #tenants

Red Hat OpenShift

Red Hat Advanced Cluster Management

Red Hat OpenShift GitOps

Use Case 07

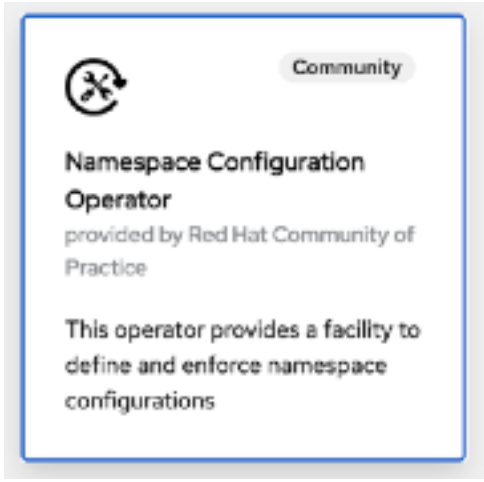
Check mandatory RBAC, Resource allocation, and network configuration as part of team onboarding.

#hub-spoke-model #fleet-management #provisioning #pipelinnes #configuration #resources #isolation

Red Hat OpenShift Pipelines

Namespace base configuration

- User namespaces should be configured based on policies defined by the platform administrators.
- Policies should incorporate things like:
  - RBAC bindings
  - Quotas
  - Network Policies
  - Egress network policies
  - ...
- Policies can be configured per **user**, per **group**, or per **namespace**



Namespace-configuration-operator

is an operator that reacts to the creation if Users, Groups, Namespaces and create arbitrary objects based on policies selected via label or annotation selectors.

Red Hat

Use Case Catalog

Day 1

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

Day 2

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

Day 3 (hands-on workshop)

25. UC25: Node Resiliency
26. UC26: Cluster and site resiliency
27. UC27: Backup & Restore

Hands-on labs

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