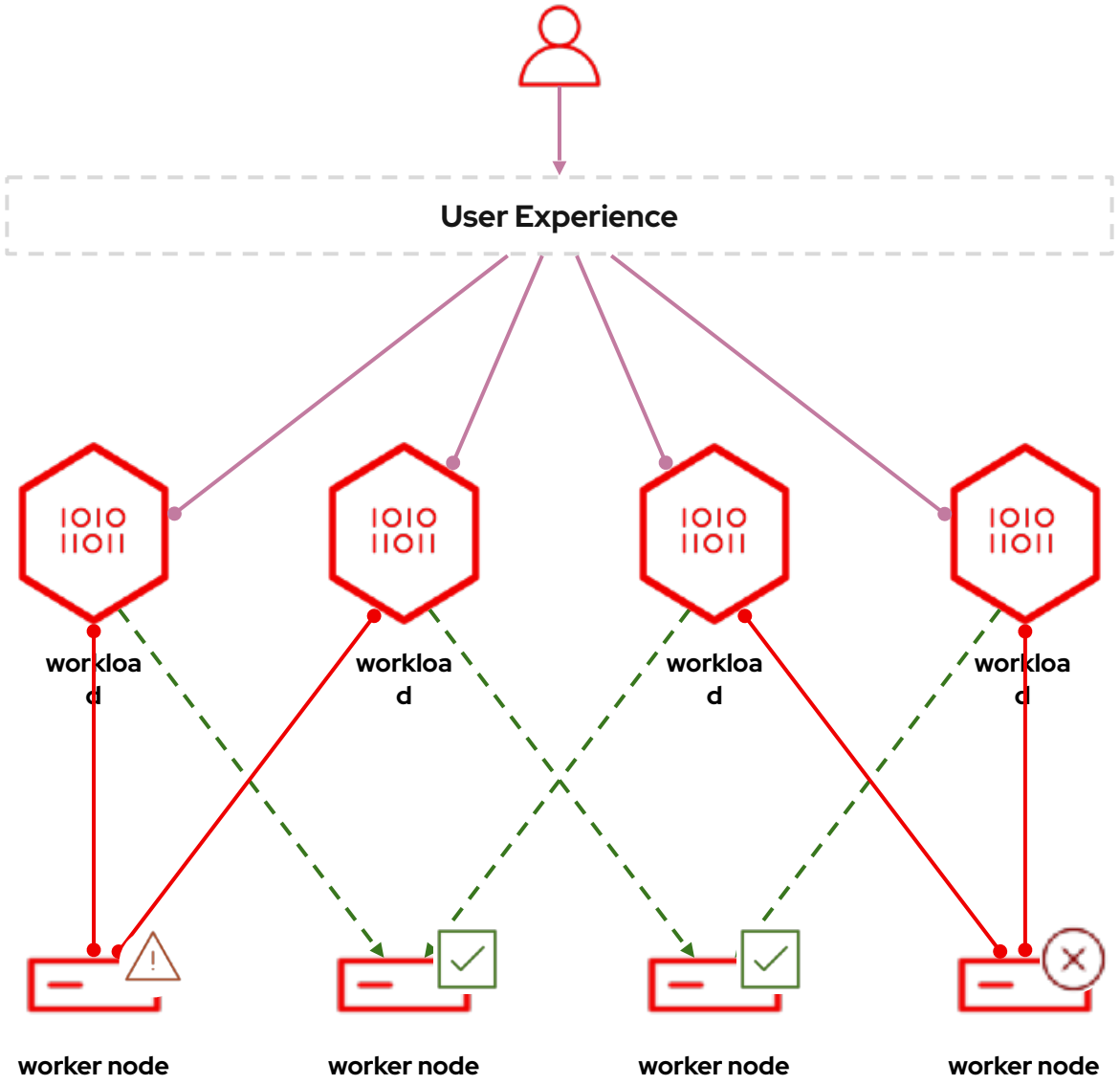
Node Resiliency



Use Case 25

Explore the behaviour of Workload Scheduling on Worker Nodes during times of maintenance or reduced availability.

#resiliency #workload scheduling #maintenance #operations

1. **Set worker node in maintenance mode**
2. **Drain the node from all workload**
3. **Try to force schedule some workload anyway**
4. **Simulate the loss of a worker node**

Node Resiliency

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