

Cloud native as a service

Use Case 05

Provision Azure AzureSqlServer native service directly from OpenShift in addition to basic configuration to create AzureSqlDatabase, and AzureSqlFirewallRule to create database and allow ingress traffic.

`#ansible_automation_platform #provisioning #pipelines #self-service #cloud-native #azure`



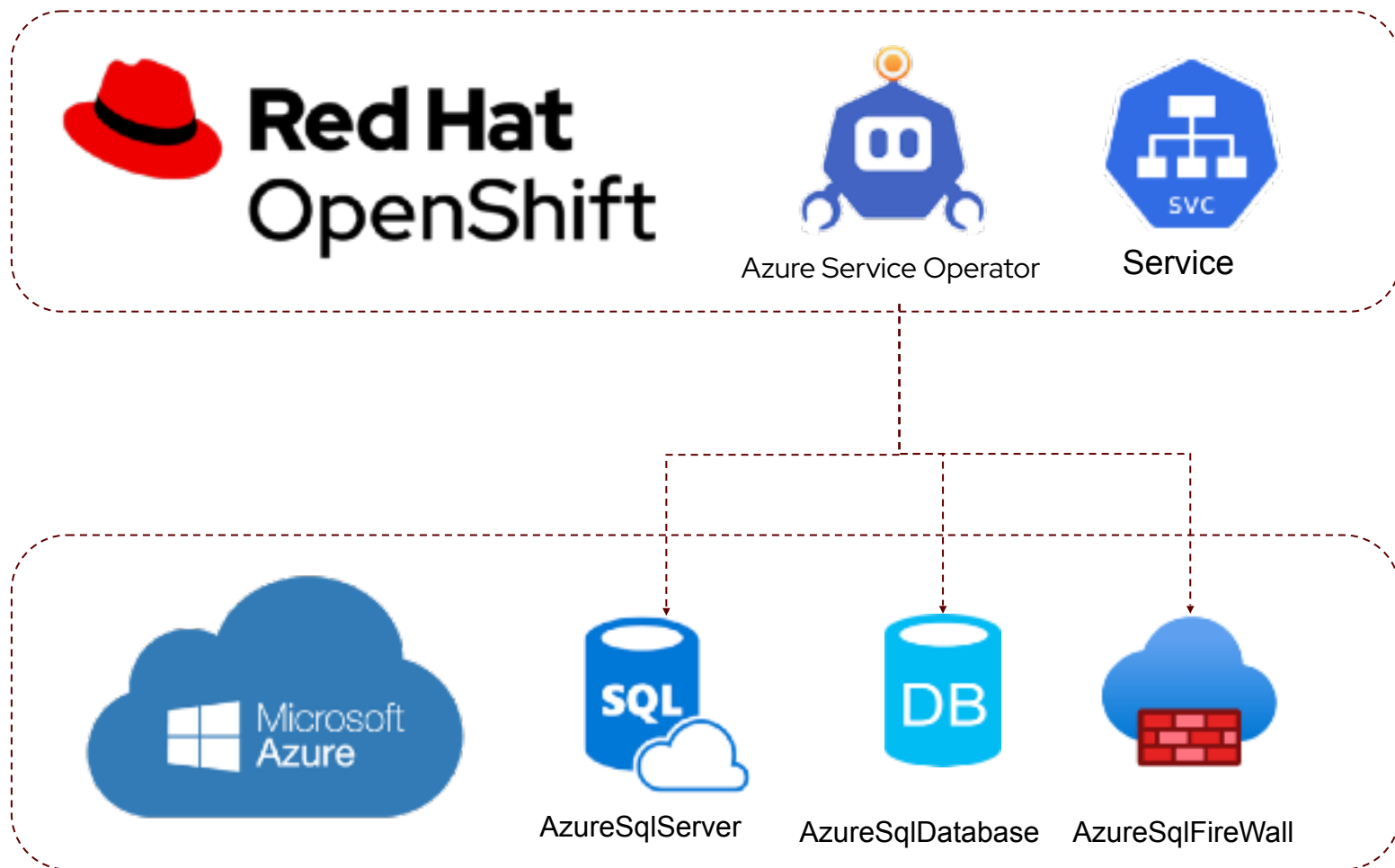
Red Hat
OpenShift



Red Hat Advanced
Cluster Management



Provision Azure Sql service (server+db+service+firewall)



```
kind: AzureSqlServer
apiVersion: azure.microsoft.com/v1beta1
metadata:
  name: sqlserver-employee
spec:
  location: eastus
  resourceGroup: openenv-d4hzm
```

```
kind: AzureSqlDatabase
apiVersion: azure.microsoft.com/v1beta1
metadata:
  name: employee
spec:
  edition: 1
  location: eastus
  resourceGroup: openenv-d4hzm
  server: sqlserver-employee
  sku:
    name: Basic
    tier: Basic
```

```
kind: Service
apiVersion: v1
metadata:
  name: sqlserver-employee-service
spec:
  type: ExternalName
  externalName: sqlserver-employee.database.windows.net
```

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

