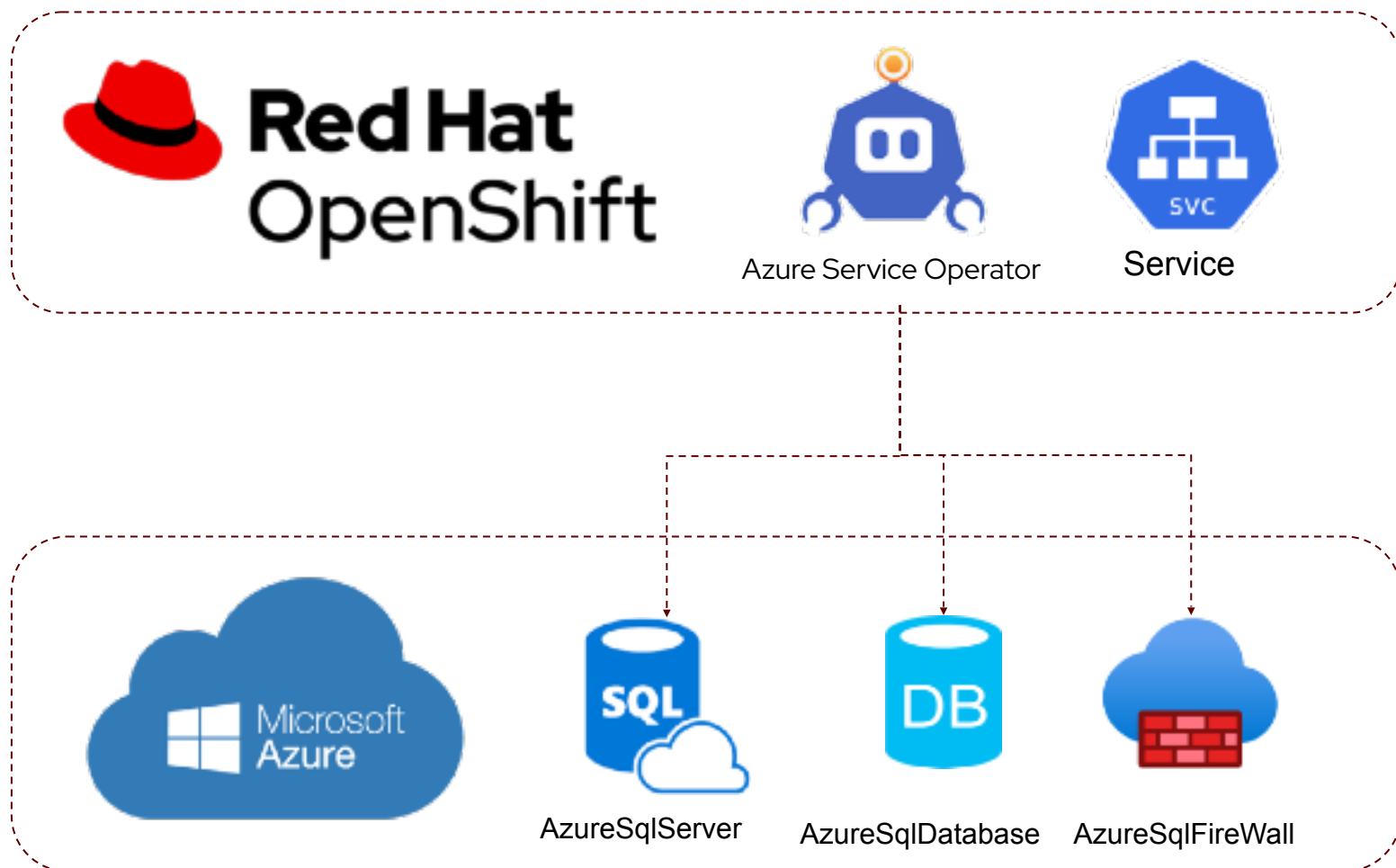# Provision Azure Sql service (server+db+service+firewall)


```
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
```

Azure Service Operator   Service

AzureSqlServer   AzureSqlDatabase   AzureSqlFireWall

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

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