

Cloud Ready

Native

- A “cloud enabled” or “cloud ready” application is a **legacy software program that has been modified to run on a cloud computing infrastructure** (i.e., an application that previously ran on an enterprise's on-site server is now running in an off-site data centre and accessed by the enterprise through the internet).

Public Cloud vendors services

Cloud

- Cloud-native technologies empower organizations to build and run scalable applications in modern, dynamic environments such as public, private, and hybrid clouds. Containers, service meshes, microservices, immutable infrastructure, and declarative APIs exemplify this approach.
- These techniques enable loosely coupled systems that are resilient, manageable, and observable. Combined with robust automation, they allow engineers to make high-impact changes frequently and predictably with minimal toil.

Public Cloud vendors providing containerisation capabilities orientated around continuous integration and continuous deployment (CI/CD)

Public Clouds

- Google



- Google
Kubernetes
Engine (GKE)

- Microsoft

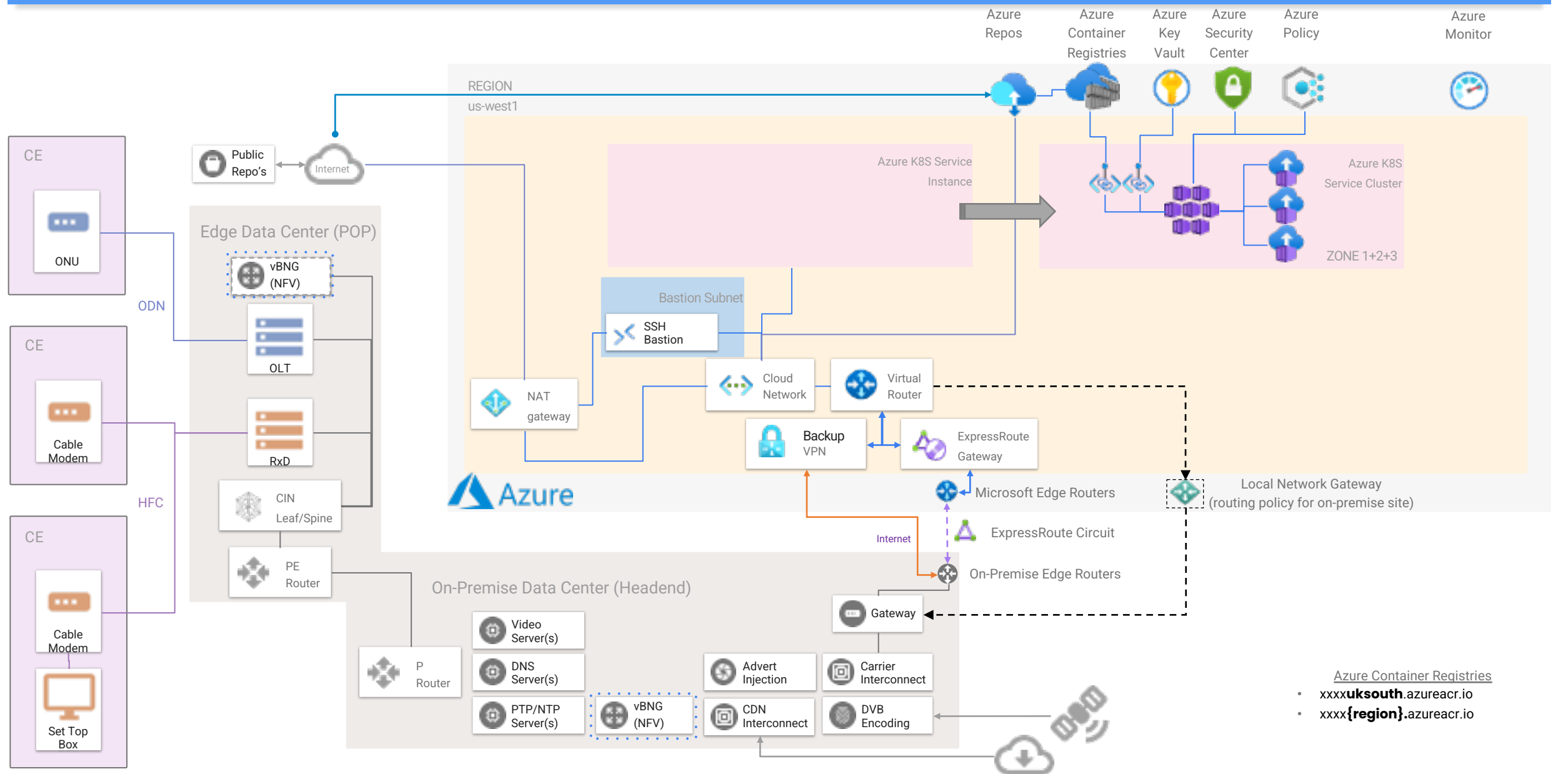


- Microsoft Azure
Containers (AKS)

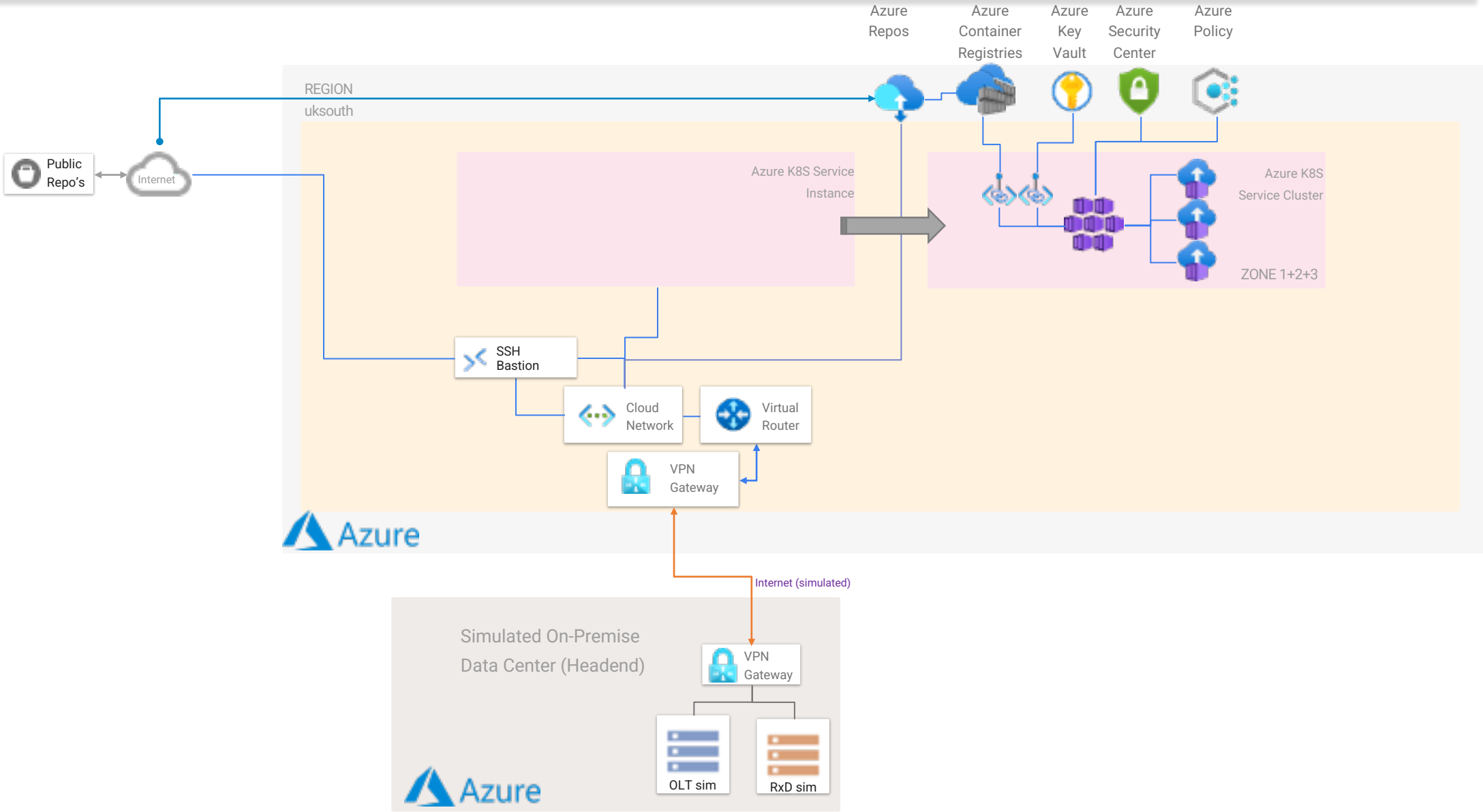
- Amazon

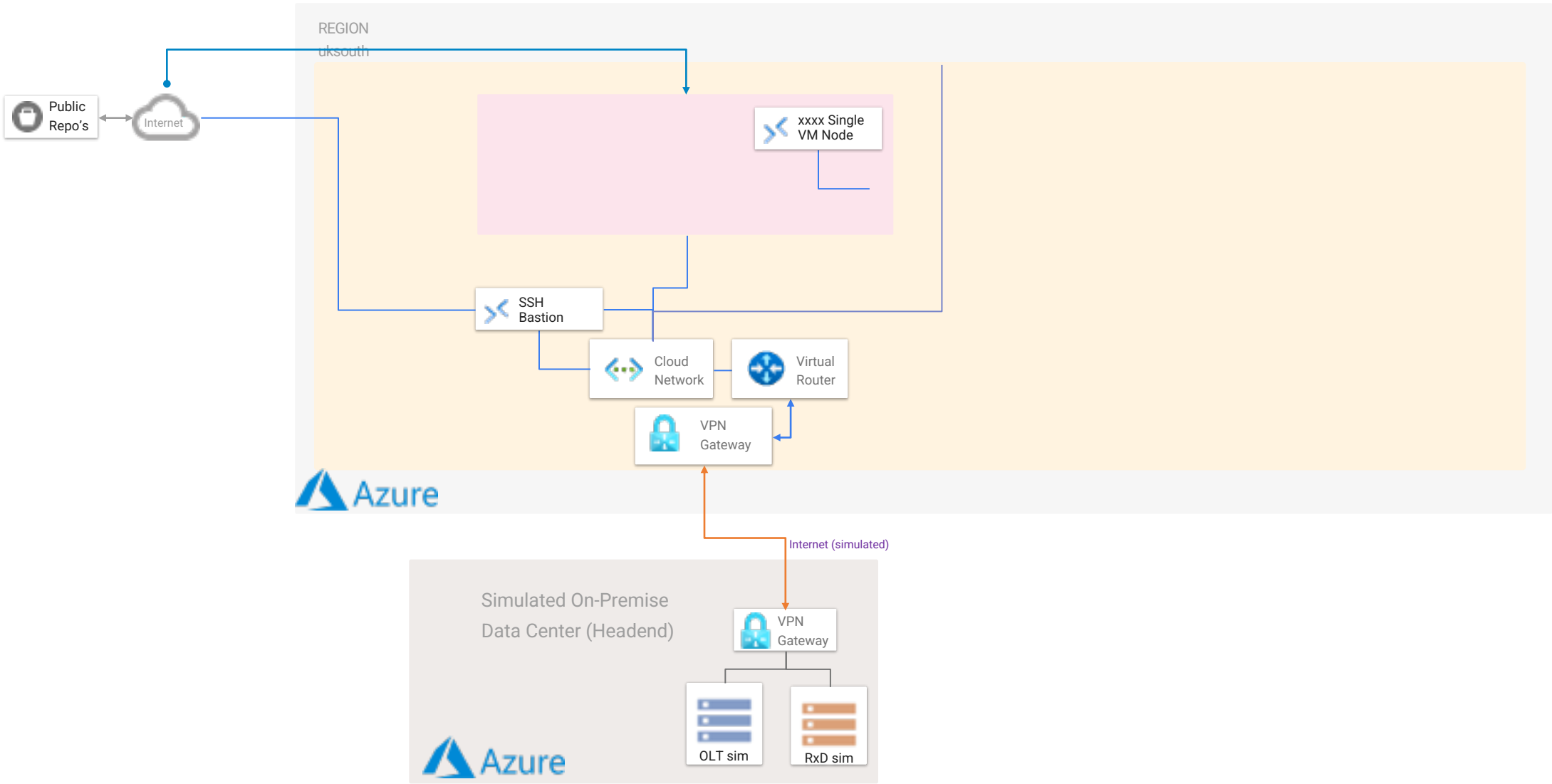


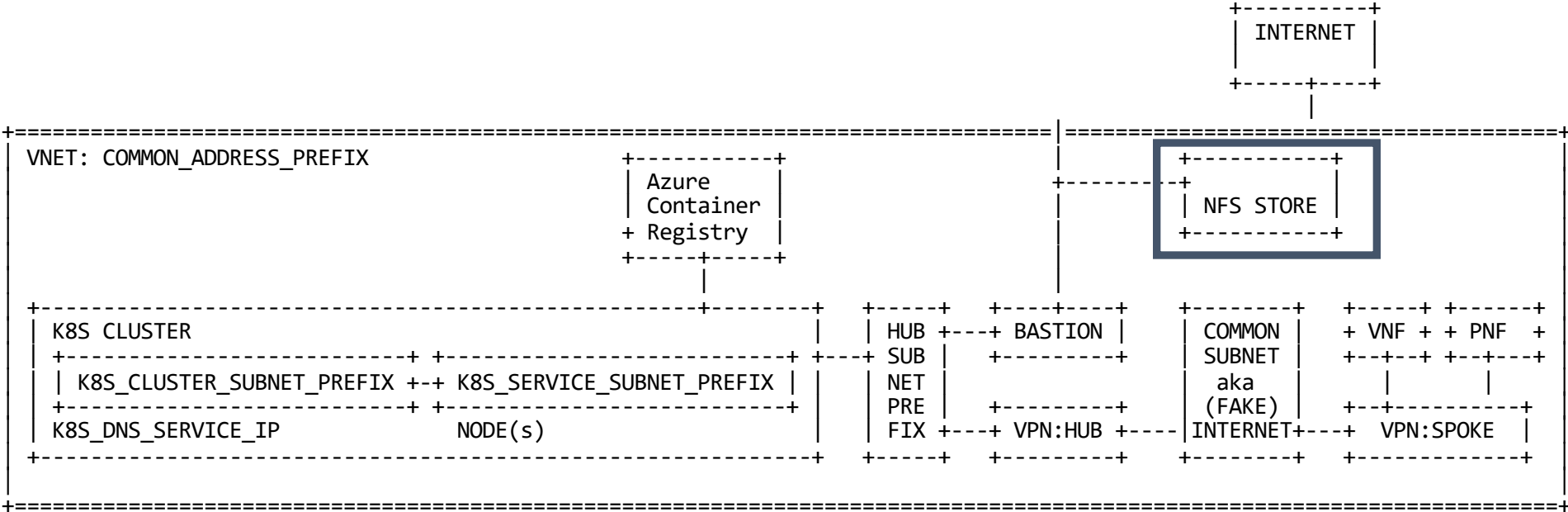
- Amazon Elastic
Container Service
(ECS)



- Azure Container Registries
- xxxxuksouth.azureacr.io
 - xxxx{**region**}.azureacr.io







- Used as local NFS/file server to reduce bandwidth and costs

Azure Infrastructure Resource Insights

NAME	↑	TOTAL ALERTS	SEV 0 ALERTS	SEV 1 ALERTS
▼ telco		—	—	—
▼ Compute		—	—	—
▼ Container registry		—	—	—
telcoregukouth		—	—	—
▼ Kubernetes service		—	—	—
k8s		—	—	—
▼ Virtual machine		—	—	—
bastion		—	—	—
csdm		—	—	—
hub		—	—	—
polt		—	—	—
rmd		—	—	—
spoke		—	—	—

▼ Networking	—	—	—
▼ Network interface	—	—	—
bastioneth0	—	—	—
csdmeth0	—	—	—
csdmeth1	—	—	—
hubeth0	—	—	—
hubeth1	—	—	—
hubeth2	—	—	—
polteth0	—	—	—
rmdeth0	—	—	—
spokeeth0	—	—	—
spokeeth1	—	—	—
▼ Network security group	—	—	—
commonnsg	—	—	—
hubnsg	—	—	—
k8snsg	—	—	—
spokensg	—	—	—
▼ Public IP address	—	—	—
bastion	—	—	—
csdm	—	—	—
▼ Virtual network	—	—	—
telcovnet	—	—	—

Azure Infrastructure Resource Insights

▼ Other	—	—	—
▼ microsoft.network/privatednszones/virtu...	—	—	—
telcodnslnk	—	—	—
▼ Private DNS zone	—	—	—
telco.arrisi.local	—	—	—

▼ Storage and Databases	—	—	—
▼ Disk	—	—	—
bastion_OsDisk_1_58ecfb857814ab6...	—	—	—
csdm_DataDisk_1	—	—	—
csdm_OsDisk_1_845bbc4d636c42818f...	—	—	—
hub_OsDisk_1_df64927ae89c44caa8...	—	—	—
pol_t_DataDisk_1	—	—	—
pol_t_OsDisk_1_6ee9162f94ef4ea2b92...	—	—	—
rmd_OsDisk_1_4138875e91df445abac...	—	—	—
spoke_OsDisk_1_c3b428bd0d434ea9a...	—	—	—
▼ Storage account	—	—	—
csdmtelco	—	—	—

Azure Container Service (AKS) & Container Registry (ACR)

- AKS

- Master is free, configurable to meet needed requirements
- Workers are chargeable, but also configurable
- Prometheus not required (can be used though), AKS Metrics is available as alternative

- ACR

- Based on Docker Hub

Azure Container Service (AKS) & Ceph/Rook

- Achievable but not desirable or necessary
 - Have to expand the K8S cluster to include dedicated K8S worker nodes for Ceph/Rook
 - Have to include custom annotations for file provisioning
 - Performance is not like bare-metal
- Use Azure option instead
 - Standard HDD/SSD, Performance HDD/SSD, replication (site and geographic etc.) but at additional costs
 - Still need to use annotations (but less):
 - provisioner: `file.csi.azure.com`

Cloud-Ready

- Achieved
 - Pre-setup scripts for Azure
 - BASH and Python Platform scripts run “as is”

Cloud-Native

- Achieved
 - Pre-setup scripts for Azure
 - BASH Platform shell scripts are ignored/not used
 - Pre-setup scripts build platform-config.yaml
 - Pre-setup scripts dynamically update charts (etc.) to match AKS and ACR
 - Platform python scripts (deploy_services.py and deploy_applications.py) run “as is”

AKS Properties

Essentials

Resource group : [telco](#)

Status : Succeeded (Running)

Location : UK South

Subscription : [CSDM](#)

Subscription ID : 64afda3c-9596-46e3-b0db-f41586c8cccb

Tags ([edit](#)) : [Click here to add tags](#)

Kubernetes version : [1.24.6](#)

API server address : [z7wih2it-d8a48d6a.hcp.uksouth.azmk8s.io](#)

Network type (plugin) : [Kubenet](#)

Node pools : [2 node pools](#)

Get started **Properties** Monitoring Capabilities (3) Recommendations Tutorials

Kubernetes services

Encryption type : Encryption at-rest with a platform-managed key

Virtual node pools : Not enabled

Node pools

Node pools : 2 node pools

Kubernetes versions : 1.24.6

Node sizes : Standard_D32d_v4, Standard_D16as_v4

Configuration

Kubernetes version : 1.24.6

Auto Upgrade Type : -

Authentication and Authorization : Local accounts with Kubernetes RBAC

Local accounts : Enabled

Networking

API server address : [z7wih2it-d8a48d6a.hcp.uksouth.azmk8s.io](#)

Network type (plugin) : Kubenet

Pod CIDR : 10.244.0.0/16

Service CIDR : 10.0.0.0/16

DNS service IP : 10.0.0.16

Docker bridge CIDR : 172.17.0.1/16

Network Policy : None

Load balancer : Standard

HTTP application routing : Not enabled

Private cluster : Not enabled

Authorized IP ranges : Not enabled

Application Gateway ingress controller : Not enabled

Integrations

Container insights : Not enabled

Workspace resource ID : -

AKS Namespaces

<input type="checkbox"/>	Name	Status	Age
<input type="checkbox"/>	kube-node-lease	✓ Active	3 hours
<input type="checkbox"/>	kube-public	✓ Active	3 hours
<input type="checkbox"/>	kube-system	✓ Active	3 hours
<input type="checkbox"/>	default	✓ Active	3 hours
<input type="checkbox"/>	container-registry	✓ Active	3 hours
<input type="checkbox"/>	csdm	✓ Active	3 hours

AKS Deployments

Deployments						
Filter by deployment name						
Filter by namespace						
Add label filter						
<input type="checkbox"/>	Name	Namespace	Ready	Up-to-date	Available	Age ↓
<input type="checkbox"/>	coredns	kube-system	✓ 2/2	2	2	3 hours
<input type="checkbox"/>	coredns-autoscaler	kube-system	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	konnnectivity-agent	kube-system	✓ 2/2	2	2	3 hours
<input type="checkbox"/>	metrics-server	kube-system	✓ 2/2	2	2	3 hours
<input type="checkbox"/>	arango-arango-op-operator	csdm	✓ 2/2	2	2	3 hours
<input type="checkbox"/>	csdm-kibana	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-druid-druid-operator	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-grafana	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-alertmanager	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-kube-state-metrics	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-pushgateway	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-server	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-elasticsearch-exporter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-redis-exporter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-kafka-exporter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-prometheus-postgres-exporter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-kube-event-exporter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-jaeger-collector	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-jaeger-ingester	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-jaeger-query	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	ingress-nginx-southbound-controller	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-alarm-endpoint	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-configurator	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-domain-controller	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-licensing	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-monitor	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-rmdm	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-scheduler	csdm	✓ 1/1	1	1	3 hours

<input type="checkbox"/>	csdm-snmp-collector	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-snmp-trap-converter	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-ssd	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-ssh	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-templates	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-toolbox	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-web-server	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-ui	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-swagger	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	csdm-tcs	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	flink-jobmanager	csdm	✓ 1/1	1	1	3 hours
<input type="checkbox"/>	flink-taskmanager	csdm	✓ 2/2	2	2	3 hours
<input type="checkbox"/>	csdm-syslogng-c-v1	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-grpc-t-v1	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-snmptrap-t-v1	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-vflow-c-v1	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-envoy-northbound	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-kafka-consumer	csdm	✓ 1/1	1	1	2 hours
<input type="checkbox"/>	csdm-worker	csdm	✓ 1/1	1	1	2 hours

AKS Pods

Deployments Pods Replica sets Stateful sets Daemon sets Jobs Cron jobs								
Filter by pod name		Status		Filter by namespace				
Enter the full pod name		All statuses		All namespaces				
				Add label filter				
	Name	Namespace	Ready	Status	Restart count	Age ↓	Pod IP	Node
<input type="checkbox"/>	coredns-59b6bf8b4f-6gp4l	kube-system	✓ 1/1	Running	0	3 hours	10.244.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	coredns-autoscaler-5655d66f64-wmhp4	kube-system	✓ 1/1	Running	0	3 hours	10.244.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	azure-ip-masq-agent-r76mx	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	cloud-node-manager-58526	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csi-azuredisk-node-kzjk7	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csi-azurefile-node-ldgix	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	kube-proxy-c757n	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	azure-ip-masq-agent-ddqnb	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	cloud-node-manager-ts9rd	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csi-azuredisk-node-dmwbm	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csi-azurefile-node-c6w8t	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	kube-proxy-8hx4v	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	coredns-59b6bf8b4f-c62d4	kube-system	✓ 1/1	Running	0	3 hours	10.244.0.8	aks-inf-26751572-vmss0...
<input type="checkbox"/>	azure-ip-masq-agent-p7w48	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	cloud-node-manager-8z7yt	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	csi-azuredisk-node-lmjw	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	csi-azurefile-node-f9lmh	kube-system	✓ 3/3	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	kube-proxy-cnjvs	kube-system	✓ 1/1	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	postgres-postgresql-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.2	aks-inf-26751572-vmss0...
<input type="checkbox"/>	metrics-server-5f8d84558d-b4jpw	kube-system	✓ 2/2	Running	0	3 hours	10.244.1.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	metrics-server-5f8d84558d-rspbg	kube-system	✓ 2/2	Running	0	3 hours	10.244.1.3	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-keycloak-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.5	aks-csdl-35885521-vm...
<input type="checkbox"/>	arango-arango-op-operator-677d8bdb67-t...	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	arango-arango-op-operator-677d8bdb67-t...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-zookeeper-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.8	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-arango-sngl-3ywiseix-18496f	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.9	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-kafka-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.10	aks-csdl-35885521-vm...

<input type="checkbox"/>	csdlm-redis-master-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.12	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-redis-replicas-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.11	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-redis-replicas-1	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.11	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-redis-replicas-2	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.6	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-elasticsearch-master-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.13	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-elasticsearch-master-1	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.12	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-logstash-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.14	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-rabbitmq-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.7	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-fluentbit-bk494	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.13	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-fluentbit-rbbd5	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.15	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-fluentbit-wr9dd	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.8	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-kibana-565d85dffd-w9ijt	csdlm	✓ 1/1	Running	0	3 hours	10.244.1.9	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-influxdb-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.16	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-druid-druid-operator-59fddfb8b4-fp...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.17	aks-csdl-35885521-vm...
<input type="checkbox"/>	druid-csdlm-druid-brokers-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.24	aks-csdl-35885521-vm...
<input type="checkbox"/>	druid-csdlm-druid-coordinators-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.14	aks-inf-26751572-vmss0...
<input type="checkbox"/>	druid-csdlm-druid-historical-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.21	aks-csdl-35885521-vm...
<input type="checkbox"/>	druid-csdlm-druid-routers-0	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.23	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-grafana-5d648776b9-kpnvz	csdlm	✓ 2/2	Running	0	3 hours	10.244.2.22	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-alertmanager-666f6676...	csdlm	✓ 2/2	Running	0	3 hours	10.244.2.27	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-kube-state-metrics-7db...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.25	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-node-exporter-djblq	csdlm	✓ 1/1	Running	0	3 hours	172.16.0.5	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-prometheus-node-exporter-gskth	csdlm	✓ 1/1	Running	0	3 hours	172.16.0.4	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-prometheus-node-exporter-zmf2l	csdlm	✓ 1/1	Running	0	3 hours	172.16.0.6	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-pushgateway-76856f689...	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.15	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-prometheus-server-8667c45f5-p6sv9	csdlm	✓ 2/2	Running	0	3 hours	10.244.2.26	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-elasticsearch-exporter-6...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.28	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-redis-exporter-864449b...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.29	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-kafka-exporter-84f78c54...	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.30	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-prometheus-postgres-exporter-778b...	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.16	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-kube-event-exporter-74b8b97bcb-2q...	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.17	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-jaeger-collector-5d44cb4fbf-pnnd6	csdlm	✓ 1/1	Running	0	3 hours	10.244.2.31	aks-csdl-35885521-vm...
<input type="checkbox"/>	csdlm-jaeger-ingester-5dd8767dc6-2gns6	csdlm	✓ 1/1	Running	0	3 hours	10.244.0.18	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdlm-jaeger-query-7c869f4c44-pnzz5	csdlm	✓ 2/2	Running	0	3 hours	10.244.1.10	aks-inf-26751572-vmss0...

AKS Pods

<input type="checkbox"/>	csdm-jaeger-query-7c869f4c44-pnzz5	csdm	✔ 2/2	Running	0	3 hours	10.244.1.10	aks-inf-26751572-vmss0...
<input type="checkbox"/>	ingress-nginx-southbound-controller-68dc...	csdm	✔ 1/1	Running	0	3 hours	10.244.0.19	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-kibana-config-plgx8	csdm	⚠ 0/1	Completed	0	3 hours	10.244.2.32	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-alarm-endpoint-7545d7f87d-4dgg5	csdm	✔ 3/3	Running	0	3 hours	10.244.2.33	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-configurator-676bd94b4c-6hj5g	csdm	✔ 3/3	Running	0	3 hours	10.244.2.34	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-domain-controller-5c79f44946-zzjnr	csdm	✔ 3/3	Running	0	3 hours	10.244.0.20	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-licensing-877d9c678-jxd49	csdm	✔ 1/1	Running	0	3 hours	10.244.2.35	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-monitor-7dc8fcff6-xytpb	csdm	✔ 1/1	Running	0	3 hours	10.244.2.36	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-rmdm-86b56b8c77-6wnmk	csdm	✔ 3/3	Running	0	3 hours	10.244.0.21	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-scheduler-66bb5775-vcrmq	csdm	✔ 1/1	Running	0	3 hours	10.244.2.37	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-sdn-app-0	csdm	✔ 1/1	Running	0	3 hours	10.244.1.11	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-snmp-collector-7cbff669d8-shnv8	csdm	✔ 1/1	Running	0	3 hours	10.244.0.22	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-snmp-trap-converter-64f9867864-d2...	csdm	✔ 1/1	Running	0	3 hours	10.244.0.23	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-ssd-85b89c56cf-mprsj	csdm	✔ 3/3	Running	0	3 hours	10.244.2.38	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-ssh-696b7d6d74-5nzhn	csdm	✔ 3/3	Running	0	3 hours	10.244.2.39	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-templates-5565fb4d78-6qhdj	csdm	✔ 3/3	Running	0	3 hours	10.244.2.40	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-toolbox-59d9ddc77cc-h8zzz	csdm	✔ 1/1	Running	0	3 hours	10.244.0.24	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-web-server-7594b775df-7s9zp	csdm	✔ 1/1	Running	0	3 hours	10.244.2.41	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-ui-7c6dcb7f14-rv6zt	csdm	✔ 1/1	Running	0	3 hours	10.244.2.42	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-swagger-6cd5bfc79c-zm77p	csdm	✔ 1/1	Running	0	3 hours	10.244.0.25	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-tcs-65bf794d76-74bm7	csdm	✔ 1/1	Running	0	3 hours	10.244.1.12	aks-inf-26751572-vmss0...
<input type="checkbox"/>	flink-jobmanager-6584667bb5-r8hln	csdm	✔ 2/2	Running	0	3 hours	10.244.2.44	aks-csdm-35885521-vm...
<input type="checkbox"/>	flink-taskmanager-5c5bb4bfbf-l99k6	csdm	✔ 1/1	Running	0	3 hours	10.244.2.43	aks-csdm-35885521-vm...
<input type="checkbox"/>	flink-taskmanager-5c5bb4bfbf-n4nsj	csdm	✔ 1/1	Running	0	3 hours	10.244.0.27	aks-inf-26751572-vmss0...

<input type="checkbox"/>	csdm-snmpget-c-0	csdm	✔ 1/1	Running	0	3 hours	10.244.0.28	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-snmpget-c-1	csdm	✔ 1/1	Running	0	3 hours	10.244.2.45	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-snmpget-c-2	csdm	✔ 1/1	Running	0	3 hours	10.244.1.13	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-restconf-c-0	csdm	✔ 1/1	Running	0	3 hours	10.244.2.46	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-restconf-c-1	csdm	✔ 1/1	Running	0	3 hours	10.244.1.14	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-syslogng-c-v1-65c6ff5795-jcct6	csdm	✔ 1/1	Running	0	3 hours	10.244.2.47	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-grpc-t-v1-6c58676579-r7x8v	csdm	✔ 1/1	Running	0	3 hours	10.244.0.29	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-snmptrap-t-v1-7d6dcd799c-5jbcr	csdm	✔ 1/1	Running	0	3 hours	10.244.0.30	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-vflow-c-v1-f5cb8d7c6-6tn6q	csdm	✔ 1/1	Running	0	3 hours	10.244.0.31	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-envoy-northbound-7d5ff7dbb4-gkpms	csdm	✔ 1/1	Running	0	3 hours	10.244.1.15	aks-inf-26751572-vmss0...
<input type="checkbox"/>	csdm-kafka-consumer-59b4c7f694-rwm45	csdm	✔ 2/2	Running	0	3 hours	10.244.2.48	aks-csdm-35885521-vm...
<input type="checkbox"/>	csdm-worker-cfc9d48-4n6wx	csdm	✔ 2/2	Running	0	3 hours	10.244.0.32	aks-inf-26751572-vmss0...
<input type="checkbox"/>	konnektivity-agent-5f96c569c4-95mrc	kube-system	✔ 1/1	Running	0	2 hours	10.244.1.16	aks-inf-26751572-vmss0...
<input type="checkbox"/>	konnektivity-agent-5f96c569c4-rjbbw	kube-system	✔ 1/1	Running	0	2 hours	10.244.0.33	aks-inf-26751572-vmss0...

AKS Replica Sets

DeploymentsPodsReplica setsStateful setsDaemon setsJobsCron jobs

Filter by replica set name

Enter the full replica set name

Filter by namespace

All namespaces

Add label filter

<input type="checkbox"/>	Name	Namespace	Ready	Current	Age ↓	Images
<input type="checkbox"/>	coredns-59b6bfb4f	kube-system	2/2	2	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	coredns-autoscaler-5655d66f4	kube-system	1/1	1	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	connectivity-agent-c6945b99d	kube-system	0/0	0	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	metrics-server-58df9c858	kube-system	0/0	0	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	metrics-server-8655f897d8	kube-system	0/0	0	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	metrics-server-5f8d84558d	kube-system	2/2	2	3 hours	mcr.microsoft.com/oss/kubernet...
<input type="checkbox"/>	arango-arango-op-operator-677d8bdb67	csdm	2/2	2	3 hours	arangodb/kube-arangodb:1.2.13
<input type="checkbox"/>	csdm-kibana-565d85dff	csdm	1/1	1	3 hours	docker.elastic.co/kibana/kibana-...
<input type="checkbox"/>	csdm-druid-druid-operator-59fd9fb8b4	csdm	1/1	1	3 hours	druidio/druid-operator:0.0.8
<input type="checkbox"/>	csdm-grafana-5d648776b9	csdm	1/1	1	3 hours	quay.io/kiwigrid/k8s-sidecar:1.15...
<input type="checkbox"/>	csdm-prometheus-alertmanager-666f667658	csdm	1/1	1	3 hours	quay.io/prometheus/alertmanag...
<input type="checkbox"/>	csdm-prometheus-kube-state-metrics-7db65bb66	csdm	1/1	1	3 hours	k8s.gcr.io/kube-state-metrics/ku...
<input type="checkbox"/>	csdm-prometheus-pushgateway-76856f6894	csdm	1/1	1	3 hours	prom/pushgateway:v1.3.1
<input type="checkbox"/>	csdm-prometheus-server-8667c45f5	csdm	1/1	1	3 hours	jimmidyson/configmap-reload:v0...
<input type="checkbox"/>	csdm-prometheus-elasticsearch-exporter-6ff5b98cd8	csdm	1/1	1	3 hours	quay.io/prometheuscommunity/...
<input type="checkbox"/>	csdm-prometheus-redis-exporter-864449b645	csdm	1/1	1	3 hours	oliver006/redis_exporter:v1.11.1
<input type="checkbox"/>	csdm-prometheus-kafka-exporter-84f78c54c9	csdm	1/1	1	3 hours	danielqsj/kafka-exporter:v1.4.1
<input type="checkbox"/>	csdm-prometheus-postgres-exporter-778b954dfd	csdm	1/1	1	3 hours	quay.io/prometheuscommunity/...
<input type="checkbox"/>	csdm-kube-event-exporter-74b8b97bcb	csdm	1/1	1	3 hours	docker.io/bitnami/kubernet-es-ev...
<input type="checkbox"/>	csdm-jaeger-collector-5d44cb4fbf	csdm	1/1	1	3 hours	jaegertracing/jaeger-collector:1.3...
<input type="checkbox"/>	csdm-jaeger-ingester-5dd8767dc6	csdm	1/1	1	3 hours	jaegertracing/jaeger-ingester:1.3...
<input type="checkbox"/>	csdm-jaeger-query-7c889f4c44	csdm	1/1	1	3 hours	jaegertracing/jaeger-query:1.37.0...

<input type="checkbox"/>	ingress-nginx-southbound-controller-68dc887746	csdm	1/1	1	3 hours	k8s.gcr.io/ingress-nginx/controll...
<input type="checkbox"/>	csdm-alarm-endpoint-7545d7f87d	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-configurator-676bd94b4c	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-domain-controller-5c79f44946	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-licensing-877d9c678	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-monitor-7dc8fcff6	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-rmdm-86b56b8c77	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-scheduler-66bb5775	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-snmp-collector-7cbff669d8	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-snmp-trap-converter-64f9867864	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-ssd-85b89c56cf	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-ssh-696b7d6d74	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-templates-5563fb4d78	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-toolbox-59dddc77cc	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-web-server-7594b775df	csdm	1/1	1	3 hours	nginx:1.21.3-alpine
<input type="checkbox"/>	csdm-ui-7c6dc7f4	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-swagger-6cd5bfc79c	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-tcs-65b7794d76	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	flink-jobmanager-6584667bb5	csdm	1/1	1	3 hours	apache/flink:1.14.2-scala_2.11,tel...
<input type="checkbox"/>	flink-taskmanager-5c5bb4b1bf	csdm	2/2	2	3 hours	apache/flink:1.14.2-scala_2.11
<input type="checkbox"/>	csdm-syslog-ng-c-v1-65c6ff5795	csdm	1/1	1	3 hours	balabit/syslog-ng:3.31.2
<input type="checkbox"/>	csdm-grpc-t-v1-6c58676579	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-snmptrap-t-v1-7d6dc799c	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-vflow-c-v1-f5cb8d7c6	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-envoy-northbound-7d5ff7dbb4	csdm	1/1	1	3 hours	envoyproxy/envoy:v1.20.1
<input type="checkbox"/>	csdm-kafka-consumer-59b4c7f694	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	csdm-worker-cfc9d48	csdm	1/1	1	3 hours	telcoregusouth.azurecr.io/csdm...
<input type="checkbox"/>	konnectivity-agent-5f96c569c4	kube-system	2/2	2	2 hours	mcr.microsoft.com/oss/kubernet...

AKS Stateful Sets

Deployments Pods Replica sets Stateful sets Daemon sets Jobs Cron jobs					
Filter by stateful set name		Filter by namespace			
Enter the full stateful set name		All namespaces			
		Add label filter			
<input type="checkbox"/>	Name	Namespace	Ready	Age ↓	Images
<input type="checkbox"/>	postgres-postgresql	csdm	1/1	3 hours	docker.io/bitnami/postgresql:11.12.0-debian-10-r23
<input type="checkbox"/>	csdm-keycloak	csdm	1/1	3 hours	docker.io/bitnami/keycloak:18.0.2-debian-11-r19
<input type="checkbox"/>	csdm-zookeeper	csdm	1/1	3 hours	docker.io/bitnami/zookeeper:3.8.0-debian-11-r56
<input type="checkbox"/>	csdm-kafka	csdm	1/1	3 hours	docker.io/bitnami/kafka:2.8.0-debian-10-r30
<input type="checkbox"/>	csdm-redis-master	csdm	1/1	3 hours	docker.io/bitnami/redis:6.2.4-debian-10-r0
<input type="checkbox"/>	csdm-redis-replicas	csdm	3/3	3 hours	docker.io/bitnami/redis:6.2.4-debian-10-r0
<input type="checkbox"/>	csdm-elasticsearch-master	csdm	2/2	3 hours	docker.elastic.co/elasticsearch/elasticsearch:7.16.2
<input type="checkbox"/>	csdm-logstash	csdm	1/1	3 hours	docker.elastic.co/logstash/logstash-oss:7.16.2
<input type="checkbox"/>	csdm-rabbitmq	csdm	1/1	3 hours	docker.io/bitnami/rabbitmq:3.9.8-debian-10-r6
<input type="checkbox"/>	csdm-influxdb	csdm	1/1	3 hours	influxdb:2.1.1-alpine
<input type="checkbox"/>	druid-csdm-druid-brokers	csdm	1/1	3 hours	apache/druid:0.22.1
<input type="checkbox"/>	druid-csdm-druid-coordinators	csdm	1/1	3 hours	apache/druid:0.22.1
<input type="checkbox"/>	druid-csdm-druid-historicals	csdm	1/1	3 hours	apache/druid:0.22.1
<input type="checkbox"/>	druid-csdm-druid-routers	csdm	1/1	3 hours	apache/druid:0.22.1
<input type="checkbox"/>	csdm-sdn-app	csdm	1/1	3 hours	telcoregusouthazurecr.io/csdm/sdn-app:2.0.3-2211.1b23
<input type="checkbox"/>	csdm-snmpget-c	csdm	3/3	3 hours	telcoregusouthazurecr.io/csdm/snmpcollector:2.0.3-221...
<input type="checkbox"/>	csdm-restconf-c	csdm	2/2	3 hours	telcoregusouthazurecr.io/csdm/restconfcollector:2.0.3-...

AKS Daemon Sets

Deployments

Pods

Replica sets

Stateful sets

Daemon sets

Jobs

Cron jobs

Filter by daemon set name

Filter by namespace

Enter the full daemon set name

All namespaces

Add label filter

<input type="checkbox"/>	Name	Namespace	Desired	Current	Ready	Up-to-date	Available	Age ↓
<input type="checkbox"/>	azure-ip-masq-agent	kube-system	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	cloud-node-manager	kube-system	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	cloud-node-manager-windows	kube-system	0	0	0/0	0	0	3 hours
<input type="checkbox"/>	csi-azuredisk-node	kube-system	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	csi-azuredisk-node-win	kube-system	0	0	0/0	0	0	3 hours
<input type="checkbox"/>	csi-azurefile-node	kube-system	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	csi-azurefile-node-win	kube-system	0	0	0/0	0	0	3 hours
<input type="checkbox"/>	kube-proxy	kube-system	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	csdm-fluentbit	csdm	3	3	3/3	3	3	3 hours
<input type="checkbox"/>	csdm-prometheus-node-exporter	csdm	3	3	3/3	3	3	3 hours

AKS Jobs

DeploymentsPodsReplica setsStateful setsDaemon setsJobsCron jobs

Filter by job name

Filter by namespace

Enter the full job name

All namespaces

Add label filter

Name	Namespace	Status	Completions	Duration	Age ↓
csdm-kibana-config	csdm	Completed	1/1	11 seconds	3 hours

AKS Cron Jobs

+ CreateDeleteRefreshShow labelsGive feedback

DeploymentsPodsReplica setsStateful setsDaemon setsJobsCron jobs

Filter by cron job name

Filter by namespace

Enter the full cron job name

All namespaces

Add label filter

<input type="checkbox"/>	Name	Namespace	Schedule	Suspend	Active jobs	Last schedule time	Age ↓
<input type="checkbox"/>	csdm-es-curator	csdm	0 1 * * *	False	0	-	3 hours
<input type="checkbox"/>	csdm-backup	csdm	15 1 * * *	False	0	-	3 hours

AKS Services

<div> + Create Delete Refresh Show labels Give feedback </div>								
<div> <div>Services</div> <div>Ingresses</div> </div>								
Filter by service name		Filter by namespace						
<input type="text" value="Enter the full service name"/>		<div>All namespaces</div>						
<input type="checkbox"/>	Name	Namespace	Status	Type	Cluster IP	External IP	Ports	Age
<input type="checkbox"/>	kubernetes	default	✓ Ok	ClusterIP	10.0.0.1		443/TCP	3 hours
<input type="checkbox"/>	kube-dns	kube-system	✓ Ok	ClusterIP	10.0.0.16		53/UDP,53/TCP	3 hours
<input type="checkbox"/>	metrics-server	kube-system	✓ Ok	ClusterIP	10.0.0.251		443/TCP	3 hours
<input type="checkbox"/>	postgres-postgresql	csdm	✓ Ok	ClusterIP	10.0.192.186		5432/TCP	3 hours
<input type="checkbox"/>	postgres-postgresql-headless	csdm	✓ Ok	ClusterIP	None		5432/TCP	3 hours
<input type="checkbox"/>	csdm-keycloak	csdm	✓ Ok	ClusterIP	10.0.148.185		8080/TCP	3 hours
<input type="checkbox"/>	csdm-keycloak-headless	csdm	✓ Ok	ClusterIP	None		8080/TCP	3 hours
<input type="checkbox"/>	arango-arango-op-operator	csdm	✓ Ok	ClusterIP	10.0.71.254		8528/TCP	3 hours
<input type="checkbox"/>	csdm-arango	csdm	✓ Ok	ClusterIP	10.0.93.41		8529/TCP	3 hours
<input type="checkbox"/>	csdm-arango-int	csdm	✓ Ok	ClusterIP	None		8529/TCP	3 hours
<input type="checkbox"/>	csdm-zookeeper	csdm	✓ Ok	ClusterIP	10.0.156.151		2181/TCP,2888...	3 hours
<input type="checkbox"/>	csdm-zookeeper-headless	csdm	✓ Ok	ClusterIP	None		2181/TCP,2888...	3 hours
<input type="checkbox"/>	csdm-arango-single-3ywiseix	csdm	✓ Ok	ClusterIP	10.0.48.1		8529/TCP	3 hours
<input type="checkbox"/>	csdm-kafka	csdm	✓ Ok	ClusterIP	10.0.26.161		9092/TCP	3 hours
<input type="checkbox"/>	csdm-kafka-headless	csdm	✓ Ok	ClusterIP	None		9092/TCP,9093...	3 hours
<input type="checkbox"/>	csdm-redis-headless	csdm	✓ Ok	ClusterIP	None		6379/TCP	3 hours
<input type="checkbox"/>	csdm-redis-master	csdm	✓ Ok	ClusterIP	10.0.40.134		6379/TCP	3 hours
<input type="checkbox"/>	csdm-redis-replicas	csdm	✓ Ok	ClusterIP	10.0.139.246		6379/TCP	3 hours
<input type="checkbox"/>	csdm-elasticsearch-master	csdm	✓ Ok	ClusterIP	10.0.13.84		9200/TCP,9300...	3 hours
<input type="checkbox"/>	csdm-elasticsearch-master-headless	csdm	✓ Ok	ClusterIP	None		9200/TCP,9300...	3 hours
<input type="checkbox"/>	csdm-logstash-headless	csdm	✓ Ok	ClusterIP	None		9600/TCP	3 hours
<input type="checkbox"/>	csdm-rabbitmq	csdm	✓ Ok	ClusterIP	10.0.31.177		5672/TCP,4369...	3 hours
<input type="checkbox"/>	csdm-rabbitmq-headless	csdm	✓ Ok	ClusterIP	None		4369/TCP,5672...	3 hours
<input type="checkbox"/>	csdm-fluentbit	csdm	✓ Ok	ClusterIP	10.0.96.91		2020/TCP	3 hours
<input type="checkbox"/>	csdm-kibana	csdm	✓ Ok	ClusterIP	10.0.188.172		5601/TCP	3 hours
<input type="checkbox"/>	csdm-influxdb	csdm	✓ Ok	ClusterIP	10.0.147.255		8086/TCP	3 hours

<input type="checkbox"/>	druid-csdm-druid-brokers	csdm	✓ Ok	ClusterIP	None		8088/TCP	3 hours
<input type="checkbox"/>	druid-csdm-druid-coordinators	csdm	✓ Ok	ClusterIP	None		8088/TCP	3 hours
<input type="checkbox"/>	druid-csdm-druid-historicals	csdm	✓ Ok	ClusterIP	None		8088/TCP	3 hours
<input type="checkbox"/>	druid-csdm-druid-routers	csdm	✓ Ok	ClusterIP	None		8088/TCP	3 hours
<input type="checkbox"/>	csdm-grafana	csdm	✓ Ok	ClusterIP	10.0.47.59		8088/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-alertmanager	csdm	✓ Ok	ClusterIP	10.0.255.217		80/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-kube-state-metrics	csdm	✓ Ok	ClusterIP	10.0.71.231		8080/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-node-exporter	csdm	✓ Ok	ClusterIP	None		9998/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-pushgateway	csdm	✓ Ok	ClusterIP	10.0.73.142		9091/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-server	csdm	✓ Ok	ClusterIP	10.0.109.101		80/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-elasticsearch-exporter	csdm	✓ Ok	ClusterIP	10.0.170.135		9108/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-redis-exporter	csdm	✓ Ok	ClusterIP	10.0.79.230		9121/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-kafka-exporter	csdm	✓ Ok	ClusterIP	10.0.62.140		9308/TCP	3 hours
<input type="checkbox"/>	csdm-prometheus-postgres-exporter	csdm	✓ Ok	ClusterIP	10.0.110.40		80/TCP	3 hours
<input type="checkbox"/>	csdm-jaeger-collector	csdm	✓ Ok	ClusterIP	10.0.5.116		14250/TCP,142...	3 hours
<input type="checkbox"/>	csdm-jaeger-ingester	csdm	✓ Ok	ClusterIP	10.0.46.149		14270/TCP	3 hours
<input type="checkbox"/>	csdm-jaeger-query	csdm	✓ Ok	ClusterIP	10.0.218.244		16686/TCP,166...	3 hours
<input type="checkbox"/>	ingress-nginx-southbound-controller	csdm	✓ Ok	LoadBalancer	10.0.150.13	20.108.148.178 172.16.0.11	8031695/TCP	3 hours
<input type="checkbox"/>	csdm-envoy-northbound-loadbalancer	csdm	✓ Ok	LoadBalancer	10.0.106.238	20.108.150.242 172.16.0.10	8031792/TCP,4...	3 hours
<input type="checkbox"/>	csdm-alarm-endpoint	csdm	✓ Ok	ClusterIP	10.0.144.174		7020/TCP	3 hours
<input type="checkbox"/>	csdm-alarm-endpoint-headless	csdm	✓ Ok	ClusterIP	None		9117/TCP	3 hours
<input type="checkbox"/>	csdm-configurator	csdm	✓ Ok	ClusterIP	10.0.47.119		7006/TCP	3 hours
<input type="checkbox"/>	csdm-configurator-headless	csdm	✓ Ok	ClusterIP	None		9117/TCP	3 hours
<input type="checkbox"/>	csdm-domain-controller	csdm	✓ Ok	ClusterIP	10.0.54.41		7008/TCP	3 hours
<input type="checkbox"/>	csdm-domain-controller-headless	csdm	✓ Ok	ClusterIP	None		9117/TCP	3 hours
<input type="checkbox"/>	csdm-licensing	csdm	✓ Ok	ClusterIP	10.0.91.191		7005/TCP	3 hours

AKS Services

<input type="checkbox"/>	csdm-monitor	csdm	✔ Ok	ClusterIP	None	9998/TCP	3 hours
<input type="checkbox"/>	csdm-rmdm	csdm	✔ Ok	ClusterIP	10.0.84.116	7004/TCP	3 hours
<input type="checkbox"/>	csdm-rmdm-headless	csdm	✔ Ok	ClusterIP	None	9117/TCP	3 hours
<input type="checkbox"/>	csdm-scheduler	csdm	✔ Ok	ClusterIP	None	9998/TCP	3 hours
<input type="checkbox"/>	csdm-sdn-app	csdm	✔ Ok	ClusterIP	10.0.113.141	8888/TCP,8081...	3 hours
<input type="checkbox"/>	csdm-snmp-collector	csdm	✔ Ok	ClusterIP	10.0.222.197	7002/TCP	3 hours
<input type="checkbox"/>	csdm-ssd	csdm	✔ Ok	ClusterIP	10.0.206.155	7009/TCP	3 hours
<input type="checkbox"/>	csdm-ssd-headless	csdm	✔ Ok	ClusterIP	None	9117/TCP	3 hours
<input type="checkbox"/>	csdm-ssh	csdm	✔ Ok	ClusterIP	10.0.122.99	7001/TCP	3 hours
<input type="checkbox"/>	csdm-templates	csdm	✔ Ok	ClusterIP	10.0.204.214	7007/TCP	3 hours
<input type="checkbox"/>	csdm-templates-headless	csdm	✔ Ok	ClusterIP	None	9117/TCP	3 hours
<input type="checkbox"/>	csdm-toolbox	csdm	✔ Ok	ClusterIP	10.0.19.9	7015/TCP	3 hours
<input type="checkbox"/>	csdm-web-server	csdm	✔ Ok	ClusterIP	10.0.214.216	7010/TCP	3 hours
<input type="checkbox"/>	csdm-ui	csdm	✔ Ok	ClusterIP	10.0.16.214	7003/TCP	3 hours
<input type="checkbox"/>	csdm-swagger	csdm	✔ Ok	ClusterIP	10.0.211.81	7011/TCP	3 hours
<input type="checkbox"/>	csdm-tcs	csdm	✔ Ok	ClusterIP	10.0.216.247	8008/TCP	3 hours
<input type="checkbox"/>	flink-jobmanager	csdm	✔ Ok	ClusterIP	10.0.195.118	6123/TCP,6124...	3 hours
<input type="checkbox"/>	flink-jobmanager-rest	csdm	✔ Ok	ClusterIP	10.0.4.241	8081/TCP	3 hours
<input type="checkbox"/>	csdm-snmpget-c-headless	csdm	✔ Ok	ClusterIP	None	8008/TCP	3 hours
<input type="checkbox"/>	csdm-restconf-c-headless	csdm	✔ Ok	ClusterIP	None	8008/TCP	3 hours
<input type="checkbox"/>	csdm-syslogng-c-v1	csdm	✔ Ok	NodePort	10.0.8.21	172.16.0.11	514:31514/UDP... 3 hours
<input type="checkbox"/>	csdm-grpc-t-v1	csdm	✔ Ok	NodePort	10.0.61.82	8125:32699/UD...	3 hours
<input type="checkbox"/>	csdm-snmptrap-t-v1	csdm	✔ Ok	NodePort	10.0.245.74	172.16.0.11	8125:30495/UD... 3 hours
<input type="checkbox"/>	csdm-vflow-c-v1	csdm	✔ Ok	NodePort	10.0.223.252	4739:31559/UD...	3 hours
<input type="checkbox"/>	csdm-envoy-northbound-admin	csdm	✔ Ok	ClusterIP	10.0.216.138	9901/TCP	3 hours
<input type="checkbox"/>	csdm-worker	csdm	✔ Ok	ClusterIP	None		3 hours

AKS Ingresses

+ Create

▼

🗑️ Delete

🔄 Refresh

🏷️ Show labels

🗨️ Give feedback

Services

Ingresses

Filter by ingress name

Enter the full ingress name

Filter by namespace

All namespaces

<input type="checkbox"/>	Name	Namespace	Class	Hosts	Address	Ports	Age ↓
<input type="checkbox"/>	csdm-rmdm	csdm	southbound	*	172.16.0.11 🔗 20.108.148.178 🔗	80	3 hours
<input type="checkbox"/>	csdm-web-server	csdm	southbound	*	172.16.0.11 🔗 20.108.148.178 🔗	80	3 hours

AKS Storage - PVC

Persistent volume claims								
Persistent volumes								
Storage classes								
Filter by persistent volume claim name								
Filter by namespace								
Enter the full persistent volume claim name...								
All namespaces								
Add label filter								
<input type="checkbox"/>	Name	Namespace	Status	Volume	Capacity	Access modes	Storage class	Age ↓
<input type="checkbox"/>	redis1	csdm	Bound	pvc-0172a3bd-994d-48...	10Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	influx	csdm	Bound	pvc-18107e1d-ca6f-40d...	10Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	kafka	csdm	Bound	pvc-2928ca9c-2ac9-482...	20Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	kafka-zookeeper	csdm	Bound	pvc-b0fa8ddc-768f-4a8...	10Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	postgres-node1	csdm	Bound	pvc-7e45f6ee-0694-4cf8...	8Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	prometheus-alertmgr	csdm	Bound	pvc-50c95b12-eb83-4cb...	2Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	prometheus-server	csdm	Bound	pvc-1f12fafd-b9fb-4f5e...	30Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	rabbitmq	csdm	Bound	pvc-190c519a-baa2-48b...	10Gi	ReadWriteOnce	csdm-rwo	3 hours
<input type="checkbox"/>	registry-claim	container-registry	Bound	pvc-ef535007-8683-4e8...	30Gi	ReadWriteMany	csdm-rwo	3 hours
<input type="checkbox"/>	druid-deepstorage-pvc	csdm	Bound	pvc-d95192aa-a8e2-403...	100Gi	ReadWriteMany	csdm-rwo	3 hours
<input type="checkbox"/>	data-postgres-postgresql-0	csdm	Bound	pvc-3f8220ee-098f-4c59...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	data-csdm-zookeeper-0	csdm	Bound	pvc-b7fd7fe-8228-430...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-arango-single-3yweisx	csdm	Bound	pvc-1bcd5e38-2617-40...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	data-csdm-kafka-0	csdm	Bound	pvc-b007489e-8bcc-4eb...	20Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	redis-data-csdm-redis-master-0	csdm	Bound	pvc-b80514c0-4513-4d...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	redis-data-csdm-redis-replicas-0	csdm	Bound	pvc-8ccf4038-9225-403...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	redis-data-csdm-redis-replicas-1	csdm	Bound	pvc-3d34aa12-37c7-47a...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	redis-data-csdm-redis-replicas-2	csdm	Bound	pvc-8c398ba2-3249-474...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-elasticsearch-master-csdm-elasticsearch-master-0	csdm	Bound	pvc-0346ba70-c3b3-44c...	350Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-elasticsearch-master-csdm-elasticsearch-master-1	csdm	Bound	pvc-c918a781-0e84-447...	350Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	data-csdm-rabbitmq-0	csdm	Bound	pvc-9cfd4ddd-e0db-406...	8Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-influxdb	csdm	Bound	pvc-e2916002-7e62-4d...	10Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-prometheus-alertmanager	csdm	Bound	pvc-582d9007-2f97-4b3...	2Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-prometheus-server	csdm	Bound	pvc-e92ee668-5ad5-474...	28Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	akka-csdm-sdn-app-0	csdm	Bound	pvc-6c96ffd1-6a46-451...	3Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-sdn-schema-storage	csdm	Bound	pvc-0087e663-f7c8-470...	1Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-ssd-vol	csdm	Bound	pvc-ead302c1-2eec-47a...	10Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-backup-vol	csdm	Bound	pvc-27681f90-fb74-488...	10Gi	ReadWriteOnce	default	3 hours
<input type="checkbox"/>	csdm-tcs-leveldb-pvc	csdm	Bound	pvc-45ed61c0-7094-4ca...	1Gi	ReadWriteOnce	default	3 hours

AKS Storage - PV

Persistent volume claims									
Persistent volumes									
Storage classes									
Filter by persistent volume name									
Enter the full persistent volume name									
Add label filter									
<input type="checkbox"/>	Name	Capacity	Access modes	Reclaim policy	Status	Claim	Storage class	Reason	Age
<input type="checkbox"/>	pvc-3f8220ee-098f-4c59-8add-45376ce2a05e	8Gi	ReadWriteOnce	Delete	Bound	data-postgres...	default		3 hours
<input type="checkbox"/>	pvc-0172a3bd-994d-485b-a1e8-6b63c95e706a	10Gi	ReadWriteOnce	Retain	Bound	redis1	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-18107e1d-ca6f-40de-a893-af3ba2a7209e	10Gi	ReadWriteOnce	Retain	Bound	influx	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-190c519a-baa2-48b2-810a-200ab5a55fe5	10Gi	ReadWriteOnce	Retain	Bound	rabbitmq	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-1f12afd-b6fb-4f5e-b994-bd4900b63339	30Gi	ReadWriteOnce	Retain	Bound	prometheus-se...	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-2928ca9c-2ac9-482c-a3c1-5db5406d1670	20Gi	ReadWriteOnce	Retain	Bound	kafka	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-50c95b12-eb83-4cb3-ad76-1a4737f8af61	2Gi	ReadWriteOnce	Retain	Bound	prometheus-al...	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-b0fa8ddc-768f-4a8b-b9bc-e236bfbfe464	10Gi	ReadWriteOnce	Retain	Bound	kafka-zookeeper	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-7e45f6ee-0694-4cf8-acb2-67c1aaed070e	8Gi	ReadWriteOnce	Retain	Bound	postgres-node1	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-d95192aa-a8e2-4039-b4de-d82d314aed62	100Gi	ReadWriteMany	Retain	Bound	druid-deepstor...	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-ef535007-8683-4e87-a737-c383ffefcc4d	30Gi	ReadWriteMany	Retain	Bound	registry-claim	csdm-rwo		3 hours
<input type="checkbox"/>	pvc-b7f0c7fe-8228-4303-87c9-afe1e05aa777	8Gi	ReadWriteOnce	Delete	Bound	data-csdl-zoo...	default		3 hours
<input type="checkbox"/>	pvc-1bcd5e38-2617-4009-b31d-27a512deb5bf	8Gi	ReadWriteOnce	Delete	Bound	csdm-arango-si...	default		3 hours
<input type="checkbox"/>	pvc-b007489e-8bcc-4e8e-abca-cd87f2494aab	20Gi	ReadWriteOnce	Delete	Bound	data-csdl-kafk...	default		3 hours
<input type="checkbox"/>	pvc-8ccf4038-9225-4039-ab93-ec34e30dc334	8Gi	ReadWriteOnce	Delete	Bound	redis-data-csd...	default		3 hours
<input type="checkbox"/>	pvc-b80514c0-4513-4d46-a8c1-9f4610c9531a	8Gi	ReadWriteOnce	Delete	Bound	redis-data-csd...	default		3 hours
<input type="checkbox"/>	pvc-3d34aa12-37c7-47ab-8055-7a196393a69a	8Gi	ReadWriteOnce	Delete	Bound	redis-data-csd...	default		3 hours
<input type="checkbox"/>	pvc-8c398ba2-3249-474f-8d8a-4dc711e61416	8Gi	ReadWriteOnce	Delete	Bound	redis-data-csd...	default		3 hours
<input type="checkbox"/>	pvc-0346ba70-c3b3-44c2-b14a-fbdc4bd34900	350Gi	ReadWriteOnce	Delete	Bound	csdm-elasticsea...	default		3 hours
<input type="checkbox"/>	pvc-c918a781-0e84-4476-bacd-59b614b5830f	350Gi	ReadWriteOnce	Delete	Bound	csdm-elasticsea...	default		3 hours
<input type="checkbox"/>	pvc-9cfd4ddd-e0db-4066-aac3-a7fb9e0e5264	8Gi	ReadWriteOnce	Delete	Bound	data-csdl-rab...	default		3 hours
<input type="checkbox"/>	pvc-e2916002-7e62-4d40-8182-72c590987ea5	10Gi	ReadWriteOnce	Delete	Bound	csdm-influxdb	default		3 hours
<input type="checkbox"/>	pvc-582d9007-2f97-4b36-b50a-09068b240acb	2Gi	ReadWriteOnce	Delete	Bound	csdm-prometh...	default		3 hours
<input type="checkbox"/>	pvc-e92ee668-5ad5-4746-b312-676e91642276	28Gi	ReadWriteOnce	Delete	Bound	csdm-prometh...	default		3 hours
<input type="checkbox"/>	pvc-0087e663-f7c0-470f-b31a-c4a43d9ee2fa	1Gi	ReadWriteOnce	Delete	Bound	csdm-sdn-sche...	default		3 hours
<input type="checkbox"/>	pvc-6c96fd1-6a46-4515-8b25-0ef86c298403	3Gi	ReadWriteOnce	Delete	Bound	akka-csdl-sdn...	default		3 hours
<input type="checkbox"/>	pvc-ead302c1-2eec-47a6-9c8b-3be7de09fd9c	10Gi	ReadWriteOnce	Delete	Bound	csdl-ssd-vol	default		3 hours
<input type="checkbox"/>	pvc-27681f90-fb74-4882-ba2e-c4038be8ffcc	10Gi	ReadWriteOnce	Delete	Bound	csdl-backup-vol	default		3 hours
<input type="checkbox"/>	pvc-45ed61c0-7094-4caf-bb42-d88ab891f894	1Gi	ReadWriteOnce	Delete	Bound	csdl-tcs-level...	default		3 hours

AKS Storage – Storage Classes

Persistent volume claims							
Persistent volumes							
Storage classes							
Filter by storage class name							
Enter the full storage class name							
Add label filter							
<input type="checkbox"/>	Name	Default	Provisioner	Reclaim policy	Volume binding mode	Allow volume expansi...	Age ↓
<input type="checkbox"/>	azurefile	No	file.csi.azure.com	Delete	Immediate	Yes	3 hours
<input type="checkbox"/>	azurefile-csi	No	file.csi.azure.com	Delete	Immediate	Yes	3 hours
<input type="checkbox"/>	azurefile-csi-premium	No	file.csi.azure.com	Delete	Immediate	Yes	3 hours
<input type="checkbox"/>	azurefile-premium	No	file.csi.azure.com	Delete	Immediate	Yes	3 hours
<input type="checkbox"/>	default	✔ Yes	disk.csi.azure.com	Delete	WaitForFirstConsumer	Yes	3 hours
<input type="checkbox"/>	managed	No	disk.csi.azure.com	Delete	WaitForFirstConsumer	Yes	3 hours
<input type="checkbox"/>	managed-csi	No	disk.csi.azure.com	Delete	WaitForFirstConsumer	Yes	3 hours
<input type="checkbox"/>	managed-csi-premium	No	disk.csi.azure.com	Delete	WaitForFirstConsumer	Yes	3 hours
<input type="checkbox"/>	managed-premium	No	disk.csi.azure.com	Delete	WaitForFirstConsumer	Yes	3 hours
<input type="checkbox"/>	csdm-rwx	No	file.csi.azure.com	Retain	Immediate	Yes	3 hours
<input type="checkbox"/>	csdm-local	No	file.csi.azure.com	Retain	Immediate	Yes	3 hours
<input type="checkbox"/>	csdm-rwo	No	file.csi.azure.com	Retain	Immediate	Yes	3 hours

AKS Config Maps

Config maps

Secrets

Filter by config map name

Filter by namespace

All namespaces

▼

🔍 Add label filter

<input type="checkbox"/>	Name	Namespace	Data	Binary data	Age ↓
<input type="checkbox"/>	extension-apiserver-authentication	kube-system	6	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	default	1	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	kube-node-lease	1	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	kube-public	1	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	kube-system	1	0	3 hours
<input type="checkbox"/>	coredns-custom	kube-system	0	0	3 hours
<input type="checkbox"/>	azure-ip-masq-agent-config-reconciled	kube-system	1	0	3 hours
<input type="checkbox"/>	coredns	kube-system	1	0	3 hours
<input type="checkbox"/>	overlay-upgrade-data	kube-system	4	0	3 hours
<input type="checkbox"/>	coredns-autoscaler	kube-system	1	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	container-registry	1	0	3 hours
<input type="checkbox"/>	kube-root-ca.crt	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-keycloak-env-vars	csdm	11	0	3 hours
<input type="checkbox"/>	csdm-zookeeper-scripts	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-kafka-scripts	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-redis-configuration	csdm	3	0	3 hours
<input type="checkbox"/>	csdm-redis-health	csdm	6	0	3 hours
<input type="checkbox"/>	csdm-redis-scripts	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-elasticsearch-master-config	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-logstash-config	csdm	4	0	3 hours
<input type="checkbox"/>	csdm-logstash-pipeline	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-rabbitmq-config	csdm	1	0	3 hours

<input type="checkbox"/>	csdm-fluentbit	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-fluentbit-luascripts	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-kibana-config	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-druid-druid-common-config	csdm	2	0	3 hours
<input type="checkbox"/>	druid-csdm-druid-brokers-config	csdm	3	0	3 hours
<input type="checkbox"/>	druid-csdm-druid-coordinators-config	csdm	3	0	3 hours
<input type="checkbox"/>	druid-csdm-druid-historicals-config	csdm	3	0	3 hours
<input type="checkbox"/>	druid-csdm-druid-routers-config	csdm	3	0	3 hours
<input type="checkbox"/>	csdm-grafana	csdm	3	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-dashboards	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-test	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-prometheus-console-libraries	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-prometheus-consoles	csdm	4	0	3 hours
<input type="checkbox"/>	csdm-prometheus-alertmanager	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-prometheus-server	csdm	5	0	3 hours
<input type="checkbox"/>	csdm-prometheus-postgres-exporter	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-kube-event-exporter	csdm	1	0	3 hours
<input type="checkbox"/>	ingress-nginx-southbound-controller	csdm	5	0	3 hours
<input type="checkbox"/>	ingress-controller-leader	csdm	0	0	3 hours
<input type="checkbox"/>	csdm-es-curator	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-compare-element-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-element-historic-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-element-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-homepage	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-pon-olt-gemport-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-pon-olt-interface-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-pon-onu-interface-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-pon-single-interface-partial-metrics	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-grafana-config-vtm-channel-statistics	csdm	1	0	3 hours

AKS Config Maps

<input type="checkbox"/>	csdm-alarm-endpoint-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-configurator-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-domain-controller-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-monitor	csdm	3	0	3 hours
<input type="checkbox"/>	csdm-rmdm-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-scheduler	csdm	2	0	3 hours
<input type="checkbox"/>	lighty-config	csdm	5	0	3 hours
<input type="checkbox"/>	csdm-snmp-trap-converter-1	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-ssd-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-ssh-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-templates-1	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-web-server-etc-nginx	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-druid-config-configs	csdm	6	0	3 hours
<input type="checkbox"/>	csdm-druid-config-script	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-tcs	csdm	7	0	3 hours
<input type="checkbox"/>	flink-config	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-snmpget-c	csdm	4	0	3 hours
<input type="checkbox"/>	csdm-restconf-c	csdm	4	0	3 hours
<input type="checkbox"/>	csdm-grpc-t-v1	csdm	4	0	3 hours
<input type="checkbox"/>	csdm-snmptrap-t-v1	csdm	5	0	3 hours
<input type="checkbox"/>	csdm-yflow-c-v1	csdm	8	0	3 hours
<input type="checkbox"/>	csdm-envoy-northbound-1	csdm	1	0	3 hours
<input type="checkbox"/>	csdm-kafka-consumer	csdm	2	0	3 hours
<input type="checkbox"/>	csdm-worker	csdm	1	0	3 hours

AKS Secrets

Config maps Secrets					
Filter by secret name		Filter by namespace			
Enter the full secret name		All namespaces		Add label filter	
<input type="checkbox"/>	Name	Namespace	Type	Data	Age ↓
<input type="checkbox"/>	konnectivity-certs	kube-system	Opaque	3	3 hours
<input type="checkbox"/>	bootstrap-token-8x8dp2	kube-system	bootstrap.kubernetes.io/token	4	3 hours
<input type="checkbox"/>	acr-secret	default	kubernetes.io/dockerconfigjson	1	3 hours
<input type="checkbox"/>	bootstrap-token-bjfw9o	kube-system	bootstrap.kubernetes.io/token	4	3 hours
<input type="checkbox"/>	csdm-service-principal	csdm	Opaque	3	3 hours
<input type="checkbox"/>	postgres-postgresql	csdm	Opaque	2	3 hours
<input type="checkbox"/>	sh.helm.release.v1.postgres.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	azure-storage-account-fbd77c02767ae4208b3e909-secret	csdm	Opaque	2	3 hours
<input type="checkbox"/>	azure-storage-account-fbd77c02767ae4208b3e909-secret	container-registry	Opaque	2	3 hours
<input type="checkbox"/>	csdm-keycloak-pg	csdm	Opaque	2	3 hours
<input type="checkbox"/>	keycloak-ldap-ca-jks	csdm	Opaque	1	3 hours
<input type="checkbox"/>	csdm-keycloak	csdm	Opaque	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-keycloak.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.arango-crd.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.arango-op.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-zookeeper.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-kafka.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-redis.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-elasticsearch.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-logstash.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	csdm-rabbitmq	csdm	Opaque	2	3 hours

<input type="checkbox"/>	sh.helm.release.v1.csdm-rabbitmq.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-fluentbit.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-kibana.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	csdm-influxdb-auth	csdm	Opaque	2	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-influxdb.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-druid.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	csdm-druid-auth	csdm	Opaque	4	3 hours
<input type="checkbox"/>	csdm-grafana	csdm	Opaque	3	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-grafana.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus-consoles.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus-elasticsearch-exporter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus-redis-exporter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus-kafka-exporter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-prometheus-postgres-exporter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-kube-event-exporter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-jaeger.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.ingress-nginx-southbound.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-envoy-northbound-loadbalancer.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-es-curator.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	tls-csdm-ingress	csdm	kubernetes.io/tls	2	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-grafana-config.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-kibana-config.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-alarm-endpoint.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-configurator.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-domain-controller.v1	csdm	helm.sh/release.v1	1	3 hours

AKS Secrets

<input type="checkbox"/>	sh.helm.release.v1.csdm-licensing.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-monitor.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-rmdm.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-scheduler.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-sdn-app.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-snmp-collector.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-snmp-trap-converter.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-ssd.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-ssh.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-templates.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	csdm-backup	csdm	Opaque	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-toolbox.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-web-server.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-ui.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-swagger.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-druid-config.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-tcs.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-flink.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-snmpget.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-restconf-collector.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-syslogng.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-grpc.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-telemetry-snmpt.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-vflow.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-envoy-northbound.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-kafka-consumer.v1	csdm	helm.sh/release.v1	1	3 hours
<input type="checkbox"/>	sh.helm.release.v1.csdm-worker.v1	csdm	helm.sh/release.v1	1	3 hours

AKS Node Pools

Node pools

Nodes

Node pools provide space for applications to run. Node pools of different types can be added to the cluster to handle a variety of workloads, existing node pools can be scaled and upgraded, or node pools that are no longer needed can be deleted. Each node pool will contain nodes backed by virtual machines. [Learn more about node pools](#)

Node pool	Provisioning state	Power state	Node count	Mode	Kubernetes version	Node size	Operating system
csdm	Succeeded	Running	1/1 ready	User	1.24.6	Standard_D32d_v4	Linux
inf	Succeeded	Running	2/2 ready	System	1.24.6	Standard_D16as_v4	Linux

Node pools

Nodes

Nodes represent virtual machines that run application workloads. They are defined and controlled as part of node pools. To add, remove, or update nodes, the node pool to which the node belongs to should be updated instead of editing the nodes directly. [Learn more about node pools](#)

Filter by node name

Filter by node pool name

Enter the full node name

Enter the full node pool name

Node	Status	Node pool	Kubernetes version	Node image version	Container runtime version
aks-csdm-35885521-vmss000000	Ready	csdm	1.24.6	AKSUbuntu-1804gen2containerd-2022.11.02	containerd//1.6.4+azure-4
aks-inf-26751572-vmss000000	Ready	inf	1.24.6	AKSUbuntu-1804gen2containerd-2022.11.02	containerd//1.6.4+azure-4
aks-inf-26751572-vmss000001	Ready	inf	1.24.6	AKSUbuntu-1804gen2containerd-2022.11.02	containerd//1.6.4+azure-4

AKS Deployment Duration

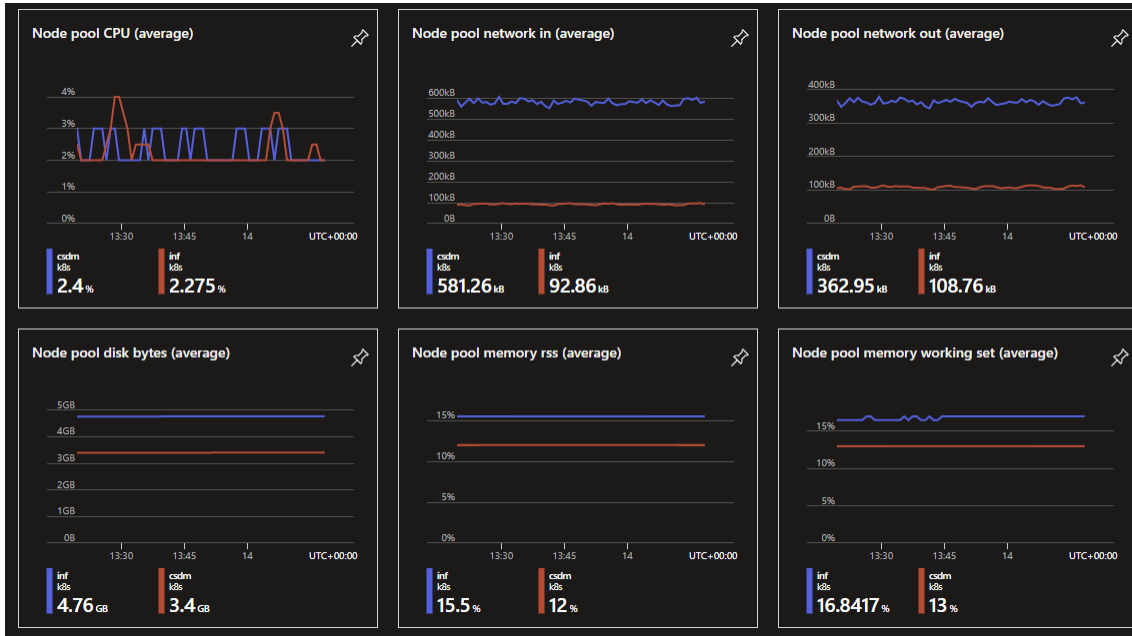
- Script started on 2022-11-22 10:55:09+00:00
- Script done on 2022-11-22 11:29:37+00:00
- 34 minutes and 28 seconds for equivalent to single-node appliance
- Includes creation of AKS but not ACR
 - ACR created as part of the other infrastructure components



Customize log

AKS Monitoring

Last Hour

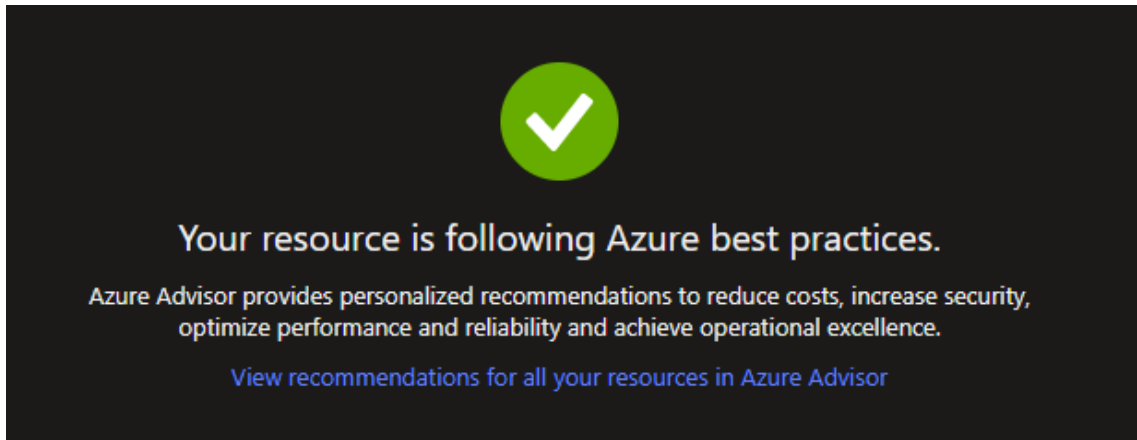


Last 6 Hours





AKS Recommendations

- Good to see...




Upgrade
You can upgrade your cluster to a newer version of Kubernetes or configure automatic upgrade settings. If you upgrade your cluster, you upgrade individual node pools, go to the 'Node pools' menu item instead.


[Learn more about upgrading your AKS cluster](#) 
[View the Kubernetes changelog](#) 

Kubernetes version **1.24.6**
[Manual upgrade](#)
[Upgrade version](#)

API server availability ⓘ ☐ 99.95%
Optimize for availability.
☒ 99.5%
Optimize for cost.

Enable secret store CSI driver ⓘ ☐

Authentication and Authorization
Choose between local accounts or Azure AD for authentication and Azure RBAC or Kubernetes RBAC for your authorization needs. [Learn more](#) 

Authentication and Authorization ⓘ Local accounts with Kubernetes RBAC 

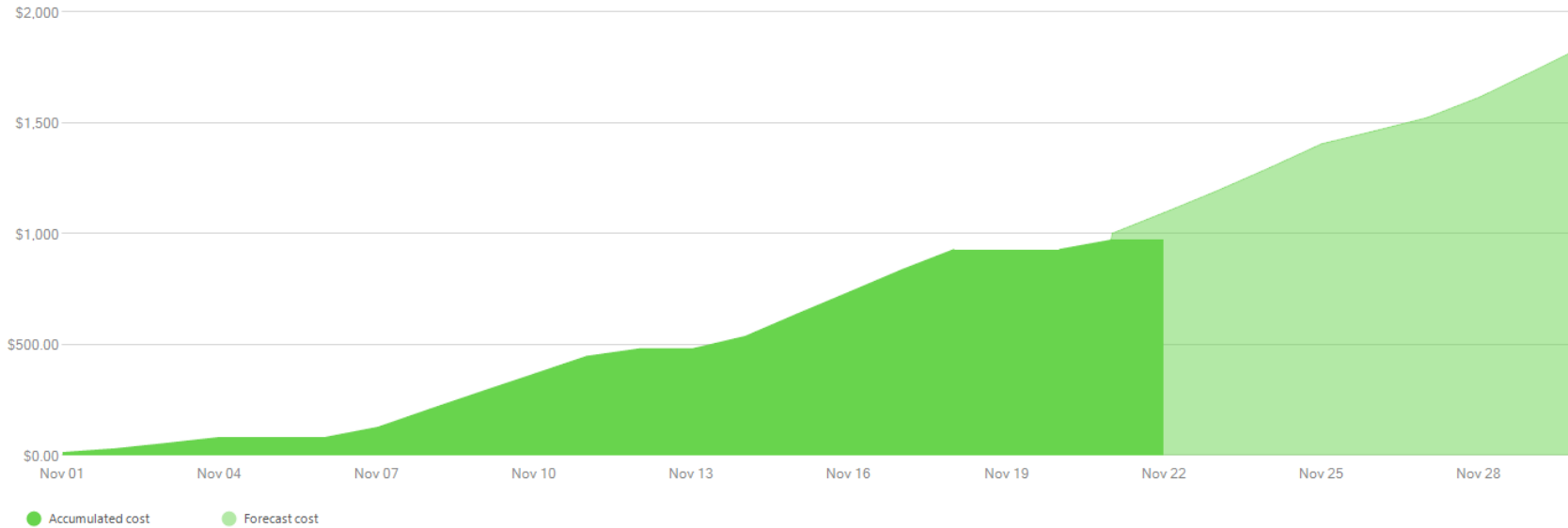
Cloud-Native & Cloud-Native (inc. K8S/registry) Costs

Scope : telco View : AccumulatedCosts DateRange : Nov 2022 Granularity : Accumulated Group by : None

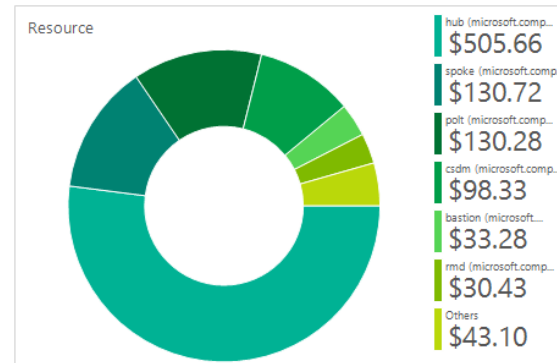
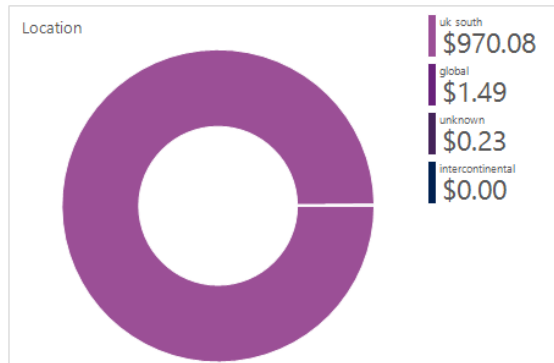
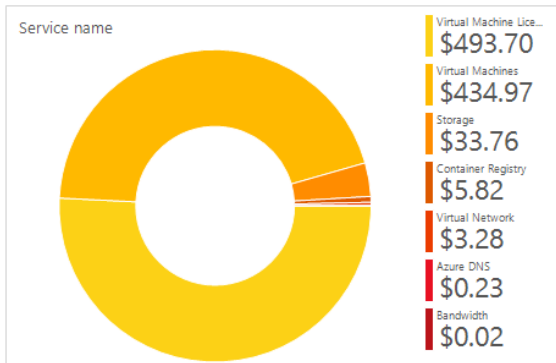
TOTAL
\$971.80

FORECAST: CHART VIEW ON
\$1,847

BUDGET: NONE
--



Cost for single-node xxxx 1.3
specification Dell OEM
PowerEdge R650 is **\$5,745.16**



Cost Adjustments

- Deployments secured in advance for 12 months receive approximately 60% discount
- Costs shown do not include any discounts

Risks

- Interfacing services are subject to constant attack
 - NFS Repository
 - Bastion
 - SSH brute force
 - DDoS
 - poor management
- *Mitigated with hardened SSH configuration, private-keys, complex firewall rules*
- Hub/Spoke VPN
 - Hub can be managed, it's under our control
 - Spoke is managed by customer, outside of our control and remains potential unsecure attack plane