

Container as a Service

Questions	AWS	Azure		Google Cloud Platform	IBM Cloud	OTC	OVH
Which technologies are being provided/supported?	- Kubernetes - Docker	- Kubernetes - Mesosphere - DC/OS - Docker		- Kubernetes - Docker - Podman	- Docker - Kubernetes - Istio - Knative	- Kubernetes - Docker	- Kubernetes - Docker
Is a managed container service available?	yes (EKS)	yes (AKS)		yes (GKE)	yes	yes (CCE)	yes
Can worker nodes be accessed directly by customers?	yes	yes		yes	yes	yes	yes
Can master nodes be accessed directly by customers?	no	yes		yes	yes	yes	yes
Which version of the technologies/Kubernetes is being offered?	1.14, 1.15, 1.16, 1.17, 1.18.9	1.15, 1.16, 1.17		1.15, 1.16, 1.17, 1.18	1.16.13, 1.17.9, 1.18.6	1.11, 1.12, 1.13	1.14, 1.15, 1.16, 1.17, 1.18
How much time does it take to provide the container service for four nodes	9 min	< 2 min		< 3 min	< 2 min	14 min	< 2 min
Costs for a Kubernetes Cluster (4 Nodes) - Managed service - 732hrs per month - small flavor - hosted in Frankfurt or Western Europe - Storage / IPs not included * Prices in USD have been converted to EUR	€ 293,33 / t2.large	€ 291,07 / D2 v3		€ 207,82 / 4x n1-standard-2	€ 299,05 / 2x 4vCPU 16GB RAM 100GB secondary disk € 394,59 / 2x 4vCPU 16 GB RAM 100GB secondary disk - for Open-Shift 4	€ 285.69	€ 179,74 / b2-7
Shared or dedicated Container Engine Cluster?	dedicated	shared		shared	dedicated	shared	dedicated
Do predefined StorageClasses exist in Kubernetes? Name - Provisioner	gp2 - kubernetes.io/aws-efs	default (default) - kubernetes.io/ azure-disk managed-premium - kubernetes.io/ azure-disk		standard (default) - kubernetes.io/ gce-pd	Classic File Storage Classic Block Storage VPC Block Storage IBM Cloud Object Storage™	cce-efs - cce-efs cce-sfs - cce-sfs	csi-cinder-classic csi-cinder-high-speed
Limitations - What is the maximum cluster size?	max. 200	max. 100		max. 5000	max. 128 nodes	max. 500	100
Do you have full access to all K8s resources (no RBAC restriction)?	yes	yes		yes	no	yes	yes
Does the Container Service provide a Load-Balancer Service?	yes	yes		yes	yes	yes	yes
Is a Storage Class useable?	yes	yes		yes	yes	yes	yes