

Cloud

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Public Cloud Free Tier

Service	IBM Cloud	AWS	Azure	Google	Oracle
API Gateway	API Gateway	API Gateway			
Functions	Cloud Functions	Lambda 400000 sec/m (11.1h/m) 1000000 req/m	Azure Functions		
Database Key/Value					
logs		CloudWatch Log Archive 5GB/m Log Ingest 5GB/m X-Ray 100000 traces/m			
Keys		KMS 20000 req/m			
Messaging		SNS 1000 email notifies SQS 1000000 req/m/region			

Cross Cloud Service Matrix

<https://cloudwars.co/cloud-wars-top-10-vendors-world/>

This table is an ongoing correlation between similar services offered by Amazon AWS, Microsoft Azure and Google GCD - and Kubernetes of course







kubernetes

deployed by



RANCHER or RKE

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Layer	Service	Java	Kubernetes	IBM Cloud	AWS	Azure	GCD
					 Reachability		
	Global Infrastructure						
IaaS	VMs				EC2		
PaaS	Tomcat				ElasticBeanstalk		
CaaS					ECS EKS	AKS	
FaaS	serverless			Cloud Functions	API Gateway Lambda DynamoDB		
	Cloud to Ground Connection				Direct Connect	ExpressRoutes	
	API Gateway			API Gateway			
	Service Discovery						
	Message Oriented Middleware	Apache Camel Redhat Fuse					
	Security						
	Instance Security				Security Group		
	Subnet Security				NACL		
	Route Security						
	Object Storage		minio		S3		
	Databases			Cloudant			

2013 review of Cloud providers when I was getting into PaaS - <https://eclipsejpa.blogspot.com/2013/06/java-cloud-providers-review.html>

<https://eksworkshop.com/> | <https://infrastructure.aws/>

Other clouds

SAP's <https://www.sap.com/canada/products/hana-enterprise-cloud.html>