

# Price List

## Managed Applications

### 1. Definitions

The definitions as per “Managed Applications” Service Description shall apply with respect to this Price List.

### 2. Purpose of the document

The purpose of the present Price List is to define the prices of the “Managed Applications” Service.

### 3. Currency

Prices in Euros (€) apply to the Service in Europe and Africa datacentres. Prices in US dollars (\$) apply to the Service in Asia, America and Oceania datacentres.

### 4. Discounts

The various discounts provided for in this chapter may be cumulated with each other. The first discount applies to the rates in the rate schedule, the following discounts apply to the reduced rate already obtained.

#### 4.1 For the commitment period

The price grids apply to Projects with a one-year commitment period.

Projects with a longer commitment period benefit from a reduction on the monthly recurring rate according to the table below. The discount does not apply to services billed on a per-use basis.

Commitment period	Discount
3 years	5%
5 years	10%

#### 4.2 For non-production Service Units

Customers benefit for each Managed Application, Managed Middleware, Managed Database, Managed Container and Managed OS non-production Service Unit from a 10% discount on the monthly recurring charge. This discount does not apply to Managed Kubernetes with CaasCad.

### 5. Support

The Support price of the non Unit Native Services is a percentage of the monthly services invoiced, with the exception of advice and guidance services. The percentage depends on the level of support subscribed according to the table below:

Standard	Premium
5%	7%

## 6. Price grids

### 6.1 Europe and Africa (€ excluding taxes)

	One Time Charge - Class 2 (€HT)	One Time Charge – Class 4 (€HT)	One Time Charge - Class 5 (€HT)	Monthly Recurring Charge (€HT)
<b>Common Services</b>				
Service Desk Full France			on quote	on quote
Service Desk Off-shore for Cloud Native Management - Service Desk Ticket				45,00 €
Managed Tenant			700,00 €	250,00 €
Managed Tenant without Casa and without CyberArk			700,00 €	55,00 €
Minimum invoice				500,00 €
<b>Additional services</b>				
1 Standard Change Request token - paid at usage (30 min)				30, 00 €
1 Standard accelerated Change Request token - paid at usage (30 min)				60, 00 €
10 standard request tokens per month - pack provisionned (30 min per Token)				270, 00 €
20 cloud native request tokens per month - pack provisionned (30 min)				480, 00 €
1 Cloud native Change Request token - paid at usage (30 min)				60,00 €
1 Cloud native Accelerated Change Request token - paid at usage (30 min)				120,00 €
10 cloud native request tokens per month - pack provisionned (30 min)				540,00 €
20 cloud native request tokens per month - pack provisionned (30 min)				960,00 €
<b>Advice and guidance</b>				
Service Delivery Manager				on quote
Contract Delivery Manager				on quote
Lead Technician				on quote
Architectural Design				on quote
DevOps Expertise				on quote
<b>Manage OS</b>				
Linux (without Managed Middleware nor Managed Application on top)			190,00 €	70,00 €
Windows (without Managed Middleware nor Managed Application on top)			190,00 €	70,00 €
Linux for Managed Middleware (excluding managed middleware)			70,00 €	35,00 €
Windows for Managed Middleware (excluding managed middleware)			70,00 €	35,00 €
<b>Manage Business Application</b>				
1 Application Production Complexity Unit - per slice (min 1,00 Unit - Max 5,00)			300,00 €	200,00 €
1 PreProduction option per Complexity Unit - per slice (min 1,00 Unit - Max 5,00)			190,00 €	80,00 €
<b>Manage SAP</b>				
			on quote	on quote
<b>Managed Web Server (per serveurur)</b>				
Apache server			150,00 €	50,00 €
IIS server			150,00 €	50,00 €
NGINX server			150,00 €	50,00 €
<b>Manage Proxy Server (per serveurur)</b>				

HAProxy server	150,00 €	50,00 €
SQUID server	150,00 €	50,00 €
<b>Manage Application Server (per server)</b>		
IIS	160,00 €	80,00 €
PHP server	150,00 €	50,00 €
SOLR server	150,00 €	50,00 €
Tomcat server	240,00 €	80,00 €
Web Server + PHP server	240,00 €	80,00 €
<b>Manage DDI (per server)</b>		
DHCP server standalone	150,00 €	50,00 €
DNS server standalone	150,00 €	50,00 €
<b>Manage File Services (per server)</b>		
CFT Managé (w/o license)	850,00 €	350,00 €
Microsoft DFS server (w/o license)	240,00 €	80,00 €
Microsoft File server (w/o license)	150,00 €	50,00 €
ProFTPD server	150,00 €	50,00 €
Samba server	150,00 €	50,00 €
<b>Manage Data Base (per instance)</b>		
Additional Node (all DBs except Oracle RAC)		80,00 €
Additional Node On Oracle RAC	250,00 €	80,00 €
Cassandra instance	450,00 €	160,00 €
CouchBase instance	450,00 €	160,00 €
DBaaS instance (Database Services)	150,00 €	50,00 €
Elasticsearch instance	450,00 €	160,00 €
Licences MS SQL Server Entreprise Edition 1 to 4 vCPU/Cœurs		1 185,28 €
Licences MS SQL Server Entreprise Edition 5 to 6 vCPU/Cœurs		1 772,82 €
Licences MS SQL Server Entreprise Edition 7 to 8 vCPU/Cœurs		2 963,21 €
Licences MS SQL Server Standard Edition 1 to to vCPU/Cœurs		309,08 €
Licences MS SQL Server Standard Edition 5 to 6 vCPU/Cœurs		463,62 €
Licences MS SQL Server Standard Edition 7 to 8 vCPU/Cœurs		772,71 €
MariaDB instance	270,00 €	195,00 €
Mirroring / Replication / Snap shot option	450,00 €	300,00 €
MongoDB instance	450,00 €	160,00 €
MS SQL instance (w/o license)	390,00 €	190,00 €
MS SQL with cluster MSCS (2 nodes) (w/o license)	850,00 €	350,00 €
MySQL instance	270,00 €	195,00 €
Neo4j instance	450,00 €	160,00 €
Oracle Dataguard option	450,00 €	300,00 €
Oracle node (instance)	390,00 €	195,00 €
Oracle RAC option (2 nodes)	850,00 €	350,00 €
PostgreSQL instance	270,00 €	195,00 €
Redis instance	450,00 €	160,00 €

## Hadoop BYOSLM

Hadoop BYOSLM Cluster (installation + tools)	2 300,00 €	
Hadoop BYOSLM Node [1-2 vcpu / 4-16 gb]		48,00 €
Hadoop BYOSLM Node [1-2 vcpu / 4-16 gb] Advanced security		116,00 €
Hadoop BYOSLM Node [12-48 vcpu / 64-440 gb]		200,00 €
Hadoop BYOSLM Node [12-48 vcpu / 64-440 gb] Advanced security		329,00 €
Hadoop BYOSLM Node [4 vcpu / 8-32 gb]		48,00 €
Hadoop BYOSLM Node [4 vcpu / 8-32 gb] Advanced security		116,00 €
Hadoop BYOSLM Node [6-8 vcpu / 16-64 gb]		181,00 €
Hadoop BYOSLM Node [6-8 vcpu / 16-64 gb] Advanced security		236,00 €

## Manufacturing Operation Management (MOM)

Kafka	240,00 €	80,00 €
RabbitMQ	240,00 €	80,00 €
Zoopkeeper	240,00 €	80,00 €

## Development Tools

Java Server	150,00 €	50,00 €
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## Kubernetes with CaaS

Mged K8S w/ CaasCad - additional on-boarding day	1000,00 €			
Mged K8S w/ CaasCad Admin. Environment - FE Paris	3000,00 €	2300,00 €		
Mged K8S w/ CaasCad vCPU usage (1 to 50 vCPU) - estimation for 720h/month		37,44 €		
Mged K8S w/ CaasCad vCPU usage (51 to 150 vCPU) - incremental on 50		33,12 €		
Mged K8S w/ CaasCad vCPU usage (151 to 400 vCPU) - incremental on 150		35,28 €		
Mged K8S w/ CaasCad vCPU usage (401 to 1000 vCPU) - incremental on 400		33,84 €		
Mged K8S w/ CaasCad vCPU usage (1001 to 2500 vCPU) - incremental on 1000		36,72 €		
Mged K8S w/ CaasCad vCPU usage (above 2501 vCPU) - incremental on 2500		64,80 €		
Mged Kubernetes (FE, AWS, Azure) - backend tooling - per Admin Environment	550,00 €	550,00 €	550,00 €	300,00 €
Mged Kubernetes (FE, AWS, Azure) - new cluster deployment - per cluster	1000,00 €	1000,00 €	1000,00 €	
Mged Kubernetes (FE, AWS, Azure) - manage with backend tooling - per vCPU				24,00 €

## Manage Container with CaaS

Managed Container w/ CaasCad - 1 day of Prof. Service	1 000,00 €	
Managed Container per Microservice's Customer w/ CaasCad for each cluster	240,00 €	80,00 €
Managed Container per Microservice's OBS w/ CaasCad for each cluster	240,00 €	50,00 €

## Cloud Native Services Azure

1st App Service - per Web Application (optimisation possible)	185,00 €	235,00 €	840,00 €	70,00 €
1st App Service (linux) - per Web Application (optimisation possible)	185,00 €	235,00 €	840,00 €	70,00 €
1st Application Gateway - per App Gateway	185,00 €	235,00 €	680,00 €	55,00 €
1st Application Insights (option) - per managed resource	-	680,00 €	680,00 €	55,00 €
1st Azure DNS Public - Per resource group	185,00 €	215,00 €	185,00 €	70,00 €
1st Azure Redis Cache - per instance	185,00 €	135,00 €	185,00 €	90,00 €
1st CDN - per End Point	185,00 €	100,00 €	350,00 €	125,00 €
1st Function App - per 100 lines of code	100,00 €	135,00 €	680,00 €	55,00 €
1st Key Vault - per Key Vault instance	185,00 €	215,00 €	515,00 €	55,00 €

1st Load Balancer- per Load Balancer including 5 backends pool	100,00 €	135,00 €	350,00 €	55,00 €
1st Logic Apps - per application	185,00 €	215,00 €	680,00 €	55,00 €
1st Network Security Groups - (up to 5 security rules)- included	-	-	-	-
1st Network Watcher - per Network Watcher instance	-	-	180,00 €	55,00 €
1st Site Recovery - including 20 ressources (VM & others)	100,00 €	135,00 €	515,00 €	55,00 €
1st Storage - per 5 Storage accounts	70,00 €	100,00 €	185,00 €	55,00 €
1st Traffic Manager - per Traffic Manager instance	100,00 €	135,00 €	350,00 €	55,00 €
1st Virtual Machine per type for managed middleware - per instance	70,00 €	135,00 €	350,00 €	35,00 €
1st Virtual Machine per type not for managed middleware - per instance	70,00 €	135,00 €	350,00 €	70,00 €
1st Virtual Machine scale set per type (without middleware) - Per Scale Set	70,00 €	135,00 €	850,00 €	90,00 €
1st Virtual Network in a tenant (up to 5) - included	-	-	-	-
Additional App Service - per Web Application (optimisation possible)	85,00 €	135,00 €	840,00 €	70,00 €
Additional App Service (linux) - per Web Application (optimisation possible)	85,00 €	135,00 €	840,00 €	70,00 €
Additional Application Gateway - per App Gateway	85,00 €	135,00 €	500,00 €	55,00 €
Additional Application Insights (option) - per managed ressource	0,00 €	170,00 €	170,00 €	55,00 €
Additional Azure DNS Public - Per ressource group	85,00 €	115,00 €	170,00 €	70,00 €
Additional Azure Redis Cache - per instance	85,00 €	115,00 €	170,00 €	90,00 €
Additional CDN - per End Point	85,00 €	85,00 €	170,00 €	125,00 €
Additional Function App - per 100 lines of code	85,00 €	115,00 €	330,00 €	55,00 €
Additional Key Vault - per Key Vault instance	85,00 €	115,00 €	170,00 €	55,00 €
Additional Load Balancer- per Load Balancer including 5 backends pool	85,00 €	115,00 €	330,00 €	55,00 €
Additional Logic Apps - per application	85,00 €	115,00 €	170,00 €	55,00 €
Additional Network Security Groups - Additional build of 5 security rules	85,00 €	115,00 €	170,00 €	55,00 €
Additional Network Watcher - per Network Watcher instance	-	-	85,00 €	55,00 €
Additional Storage - per 5 Storage accounts	50,00 €	85,00 €	85,00 €	55,00 €
Additional Traffic Manager - per Traffic Manager instance	85,00 €	115,00 €	350,00 €	55,00 €
Additional Virtual Machine for managed middleware - per instance	50,00 €	100,00 €	85,00 €	35,00 €
Additional Virtual Machine not for managed - per instance	50,00 €	100,00 €	85,00 €	70,00 €
Additional Virtual Machine scale set (without middleware) - Per Scale Set	50,00 €	100,00 €	125,00 €	90,00 €
Additional Virtual Network in a tenant - per virtual network	50,00 €	100,00 €	125,00 €	90,00 €
Additional Application Gateway - per App Gateway	-	-	100,00 €	-
Automation - per 10 jobs	-	-	-	55,00 €
Azure Bastion - per Bastion instance	-	-	260,00 €	55,00 €
Azure Cosmos DB - per additional instance on a server	85,00 €	100,00 €	85,00 €	125,00 €
Azure Cosmos DB - per server with 1 DB instance	350,00 €	415,00 €	670,00 €	125,00 €
Azure Database for Maria DB - per addl instance on a server	85,00 €	100,00 €	85,00 €	125,00 €
Azure Database for Maria DB - per server with 1 DB instance	350,00 €	415,00 €	670,00 €	125,00 €
Azure Database for MySQL server - per addl instance on a server	85,00 €	100,00 €	85,00 €	125,00 €
Azure Database for MySQL server - per instance with 1 DB server	350,00 €	415,00 €	670,00 €	125,00 €
Azure Database for PostgreSQL - per additional instance on a server	85,00 €	100,00 €	85,00 €	125,00 €
Azure Database for PostgreSQL - per server with 1 DB instance	350,00 €	415,00 €	670,00 €	125,00 €
Azure DNS Private Zone - Per ressource group	-	-	170,00 €	70,00 €

Express Route (excluding link & end point) - per Express Route	185,00 €	215,00 €	2 700,00 €	70,00 €
Firewall per 30 rules	85,00 €	100,00 €	415,00 €	55,00 €
Kubernetes Service with Azure tooling - Baseline (excludes clusters and containers)	1 000,00 €	5 000,00 €	5 000,00 €	1 050,00 €
Kubernetes Service with Azure tooling per cluster per 20 nodes (excludes containers / microservices)	300,00 €	670,00 €	670,00 €	818,00 €
Load Balancer- 5 additional backends pool			170,00 €	55,00 €
Log Analytics (option) - per managed ressource	0,00 €	180,00 €	180,00 €	55,00 €
Managed Container - per microservice	185,00 €	215,00 €	680,00 €	55,00 €
Managed Disks - included in managed VM	-	-	-	-
Site Recovery - additional 20 ressources (VM & others)	330,00 €	55,00 €	-	-
SQL Database - per additional DB instance on a given Server	80,00 €	100,00 €	80,00 €	125,00 €
SQL Database - Server with one DB instance	350,00 €	415,00 €	660,00 €	125,00 €
1st VPN Gateway - per connexion	-	-	-	70,00 €
Additional VPN Connexion on a gateway - per connexion	-	-	-	70,00 €
1st Service Bus - initial10 topics	100,00 €	135,00 €	680,00 €	55,00 €
Additional Service Bus - additional 10 topics	85,00 €	115,00 €	330,00 €	55,00 €
1st VPN Gateway for SSL connexion- per connexion	350,00 €	515,00 €	680,00 €	70,00 €
Additional VPN Gateway for SSL connexion - per connexion	170,00 €	170,00 €	250,00€	70,00 €

#### Cloud Native Services AWS

1st AWS Secrets Manager - per secret manager	185,00 €	215,00 €	515,00 €	55,00 €
1st Cloud Front - per End Point	185,00 €	100,00 €	350,00 €	125,00 €
1st Dynamo DB - per instance	350,00 €	415,00 €	670,00 €	125,00 €
1st EC2 of a given type - not for managed - per instance	85,00 €	135,00 €	680,00 €	70,00 €
1st EC2 of a given type for managed middleware - per instance	85,00 €	135,00 €	680,00 €	35,00 €
1st EFS - per 5 Storage accounts	70,00 €	100,00 €	185,00 €	55,00 €
1st Elasticache - per instance	185,00 €	135,00 €	185,00 €	90,00 €
1st ELB / ALB Load Balancer- per Load Balancer including 5 backends pool	185,00 €	135,00 €	350,00 €	55,00 €
1st KMS - per KMS instance	185,00 €	215,00 €	515,00 €	55,00 €
1st Lambda - per 100 lines of code	100,00 €	135,00 €	680,00 €	55,00 €
1st Network Security Groups - (up to 5 security rules)- included				
1st RDS for PostgreSQL, MariaDB, MySQL, SQL (excluding Oracle and Elastic) - per instance	350,00 €	415,00 €	670,00 €	125,00 €
1st S3 - per 5 Storage accounts	70,00 €	100,00 €	185,00 €	55,00 €
1st Transit Gateway - per instance	500,00 €	840,00 €	840,00 €	300,00 €
Additional AWS Secrets Manager - per secret manager	85,00 €	115,00 €	170,00 €	55,00 €
Additional Cloud Front - per End Point	85,00 €	85,00 €	170,00 €	125,00 €
Additional Dynamo DB - per instance	85,00 €	100,00 €	85,00 €	125,00 €
Additional EC2 of a given type - not for managed middleware - per instance	70,00 €	100,00 €	85,00 €	70,00 €
Additional EC2 of given type - for managed middleware - per instance	70,00 €	100,00 €	85,00 €	35,00 €
Additional EFS - per 5 Storage accounts	50,00 €	85,00 €	85,00 €	55,00 €
Additional Elasticache - per instance	85,00 €	115,00 €	170,00 €	90,00 €

Additional ELB / ALB Load Balancer- per Load Balancer including 5 backends pool	85,00 €	115,00 €	330,00 €	55,00 €
Additional FSx - per 5 file storage	50,00 €	85,00 €	85,00 €	55,00 €
Additional Glacier - per 5 Storage accounts	50,00 €	85,00 €	85,00 €	55,00 €
Additional KMS - per KMS instance	85,00 €	115,00 €	170,00 €	55,00 €
Additional Lambda - per 100 lines of code	85,00 €	115,00 €	330,00 €	55,00 €
Additional Network Security Groups - Additional build of 5 security rules			170,00 €	
Additional of same type: RDS for PostgreSQL, MariaDB, MySQL, SQL (excluding Oracle and Elastic) - per instance	85,00 €	100,00 €	85,00 €	125,00 €
Additional S3 - per 5 Storage accounts	50,00 €	85,00 €	85,00 €	55,00 €
Additional Transit Gateway - per instance	500,00 €	840,00 €	840,00 €	300,00 €
ALB / ALB Load Balancer- 5 additional backends pool	0,00 €	0,00 €	170,00 €	55,00 €
Beanstalk (including application surveillance) - per instance	185,00 €	215,00 €	680,00 €	194,00 €
Directory Service - per Directory Service				70,00 €
EBS - included in managed EC2				
EKS Kubernetes Service - with AWS tooling - Baseline (excludes clusters and containers)	1 000,00 €	5 000,00 €	5 000,00 €	1 050,00 €
EKS Kubernetes Service - with AWS tooling per cluster per 20 nodes (excludes containers / microservices)	300,00 €	750,00 €	750,00 €	818,00 €
Fargate - per cluster per 20 nodes (excludes containers / microservices)	300,00 €	750,00 €	750,00 €	818,00 €
Firewall Manager - per 30 rules	85,00 €	100,00 €	415,00 €	55,00 €
IAM - Local, no on-prem or remote connexion	185,00 €	215,00 €	515,00 €	70,00 €
Managed Container - per microservice	185,00 €	215,00 €	680,00 €	55,00 €
Route 53 - per ressource group	185,00 €	215,00 €	185,00 €	70,00 €
1st WAF - per 30 rules	85,00 €	100,00 €	415,00 €	55,00 €
Additional WAF - per 30 rules	85,00 €	100,00 €	415,00 €	13,00 €
1st VPN Gateway - per connexion	185,00 €	350,00 €	1015,00 €	70,00 €
Additional VPN Connexion on a gateway - per connexion	85,00 €	330,00 €	665,00 €	70,00 €
1st MQ for RabbitMQ - initial 10 topics	100,00 €	135,00 €	680,00 €	55,00 €
Additional MQ for RabbitMQ - additional 10 topics	85,00 €	115,00 €	330,00 €	55,00 €

### Log As A Service

Customer Onboarding		3 500,00 €	800,00 €
Space per 500GB SSD		250,00 €	450,00 €
Space per 500GB SSD – High availability (redundancyx3)		750,00 €	1 350,00 €
Kafka		550,00 €	170,00 €
Logstash		500,00 €	220,00 €
Internal LDAP		450,00 €	150,00 €
Standard data collection		2 655,00 €	
Use case discovery and audit		on quote	on quote
Custom Data Collection		on quote	on quote
Custom Dashboards		on quote	on quote
Machine Learning Deployment		on quote	on quote
Elastic Training		on quote	on quote

## 6.2 Asia and America (US \$ excluding taxes)

	One Time Charge - Class 2 (\$HT)	One Time Charge - Class 4 (\$HT)	One Time Charge - Class 5 (\$HT)	Monthly Recurring Charge (\$HT)
<b>Common Services</b>				
Service Desk Full France			on quote	on quote
Service Desk Off-shore for Cloud Native Management - Service Desk Ticket				\$52,00
Managed Tenant			\$805,00	\$288,00
Managed Tenant without Casa and without CyberArk			\$805,00	\$63,33
Minimum invoice				\$648,00
<b>Additional services</b>				
1 Standard Change Request token - paid at usage (30 min)				\$35,00
1 Standard accelerated Change Request token - paid at usage (30 min)				\$69,00
10 standard request tokens per month - pack provisionned (30 min per Token)				\$311,00
20 cloud native request tokens per month - pack provisionned (30 min)				\$552,00
1 Cloud native Change Request token - paid at usage (30 min)				\$621,00
1 Cloud native Accelerated Change Request token - paid at usage (30 min)				\$138,00
10 cloud native request tokens per month - pack provisionned (30 min)				\$621,00
20 cloud native request tokens per month - pack provisionned (30 min)				\$1 104,00
<b>Advice and guidance</b>				
Service Delivery Manager				on quote
Contract Delivery Manager				on quote
Lead Technician				on quote
Architectural Design				on quote
DevOps Expertise				on quote
<b>Manage OS</b>				
Linux (without Managed Middleware nor Managed Application on top)			\$219,00	\$81,00
Windows (without Managed Middleware nor Managed Application on top)			\$219,00	\$81,00
Linux for Managed Middleware (excluding managed middleware)			\$81,00	\$40,00
Windows for Managed Middleware (excluding managed middleware)			\$81,00	\$40,00
<b>Manage Business Application</b>				
1 Application Production Complexity Unit - par tranche (min 1,00 Unit - Max 5,00)			\$345,00	\$230,00
1 PreProduction option per Complexity Unit - par tranche (min 1,00 Unit - Max 5,00)			\$219,00	\$92,00
<b>Manage SAP</b>				
			on quote	on quote
<b>Managed Web Server (per serveurur)</b>				
Apache server			\$173,00	\$58,00
IIS server			\$173,00	\$58,00
NGINX server			\$173,00	\$58,00
<b>Manage Proxy Server (per serveurur)</b>				



HAProxy server	\$173,00	\$58,00
SQUID server	\$173,00	\$58,00
<b>Manage Application Server (per server)</b>		
IIS	\$184,00	\$92,00
PHP server	\$173,00	\$58,00
SOLR server	\$173,00	\$58,00
Tomcat server	\$276,00	\$92,00
Web Server + PHP server	\$276,00	\$92,00
<b>Manage DDI (per server)</b>		
DHCP server standalone	\$173,00	\$58,00
DNS server standalone	\$173,00	\$58,00
<b>Manage File Services (per server)</b>		
CFT Managé (w/o license)	\$978,00	\$403,00
Microsoft DFS server (w/o license)	\$276,00	\$92,00
Microsoft File server (w/o license)	\$173,00	\$58,00
ProFTPD server	\$173,00	\$58,00
Samba server	\$173,00	\$58,00
<b>Manage Data Base (per instance)</b>		
Additional Node (all DBs except Oracle RAC)		\$92,00
Additional Node On Oracle RAC	\$288,00	\$92,00
Cassandra instance	\$518,00	\$184,00
CouchBase instance	\$518,00	\$184,00
DBaaS instance (Bases de données relationnelles)	\$173,00	\$58,00
Elasticsearch instance	\$518,00	\$184,00
Licences MS SQL Server Entreprise Edition 1 to 4 vCPU/Cœurs		\$1 363,00
Licences MS SQL Server Entreprise Edition 5 to 6 vCPU/Cœurs		\$2 045,00
Licences MS SQL Server Entreprise Edition 7 to 8 vCPU/Cœurs		\$3 048,00
Licences MS SQL Server Standard Edition 1 to to vCPU/Cœurs		\$355,00
Licences MS SQL Server Standard Edition 5 to 6 vCPU/Cœurs		\$533,00
Licences MS SQL Server Standard Edition 7 to 8 vCPU/Cœurs		\$889,00
MariaDB instance	\$311,00	\$224,00
Mirroring / Replication / Snap shot option	\$518,00	\$345,00
MongoDB instance	\$518,00	\$184,00
MS SQL instance (w/o license)	\$449,00	\$219,00
MS SQL with cluster MSCS (2 nodes) (w/o license)	\$978,00	\$403,00
MySQL instance	\$311,00	\$224,00
Neo4j instance	\$518,00	\$184,00
Oracle Dataguard option	\$518,00	\$345,00
Oracle node (instance)	\$449,00	\$224,00
Oracle RAC option (2 nodes)	\$978,00	\$403,00
PostgreSQL instance	\$311,00	\$224,00
Redis instance	\$518,00	\$184,00

**Hadoop BYOSLM**

Hadoop BYOSLM Cluster (installation + tools)	\$2 645,00			
Hadoop BYOSLM Node [1-2 vcpu / 4-16 gb]				\$55,00
Hadoop BYOSLM Node [1-2 vcpu / 4-16 gb] Advanced security				\$133,00
Hadoop BYOSLM Node [12-48 vcpu / 64-440 gb]				\$230,00
Hadoop BYOSLM Node [12-48 vcpu / 64-440 gb] Advanced security				\$378,00
Hadoop BYOSLM Node [4 vcpu / 8-32 gb]				\$55,00
Hadoop BYOSLM Node [4 vcpu / 8-32 gb] Advanced security				\$133,00
Hadoop BYOSLM Node [6-8 vcpu / 16-64 gb]				\$208,00
Hadoop BYOSLM Node [6-8 vcpu / 16-64 gb] Advanced security				\$271,00

**Manufacturing Operation Management (MOM)**

Kafka	\$276,00			\$92,00
RabbitMQ	\$276,00			\$92,00
Zoopkeeper	\$276,00			\$92,00

**Development Tools**

Java Server	\$173,00			\$58,00
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**Kubernetes with CaaS**

Mged K8S w/ CaasCad - additionnal on-boarding day	\$1 150,00			
Mged K8S w/ CaasCad Admin. Environment - FE Paris	\$3 450,00			\$2 645,00
Mged K8S w/ CaasCad vCPU usage (1 to 50 vCPU) - estimation for 720h/month				\$43,00
Mged K8S w/ CaasCad vCPU usage (51 to 150 vCPU) - incremental on 50				\$38,00
Mged K8S w/ CaasCad vCPU usage (151 to 400 vCPU) - incremental on 150				\$41,00
Mged K8S w/ CaasCad vCPU usage (401 to 1000 vCPU) - incremental on 400				\$39,00
Mged K8S w/ CaasCad vCPU usage (1001 to 2500 vCPU) - incremental on 1000				\$42,00
Mged K8S w/ CaasCad vCPU usage (above 2501 vCPU) - incremental on 2500				\$74,00
Mged Kubernetes (FE, AWS, Azure) - backend tooling - per Admin Environment	\$633,00	\$633,00	\$633,00	\$345,00
Mged Kubernetes (FE, AWS, Azure) - new cluster deployment - per cluster	\$1 150,00	\$1 150,00	\$1 150,00	
Mged Kubernetes (FE, AWS, Azure) - manage with backend tooling - per vCPU				\$28,00

**Manage Container with CaaS**

Managed Container w/ CaasCad - 1 day of Prof. Service	\$1 150,00			
Managed Container per Microservice's Customer w/ CaasCad for each cluster	\$276,00			\$92,00
Managed Container per Microservice's OBS w/ CaasCad for each cluster	\$276,00			\$58,00

**Cloud Native Services Azure**

1st App Service - per Web Application (optimisation possible)	\$213,00	\$270,00	\$966,00	\$81,00
1st App Service (linux) - per Web Application (optimisation possible)	\$213,00	\$270,00	\$966,00	\$81,00
1st Application Gateway - per App Gateway	\$213,00	\$270,00	\$782,00	\$63,00
1st Application Insights (option) - per managed ressource		\$782,00	\$782,00	\$63,00
1st Azure DNS Public - Per ressource group	\$213,00	\$247,00	\$213,00	\$81,00
1st Azure Redis Cache - per instance	\$213,00	\$155,00	\$213,00	\$104,00
1st CDN - per End Point	\$213,00	\$115,00	\$403,00	\$144,00
1st Function App - per 100 lines of code	\$115,00	\$155,00	\$782,00	\$63,00
1st Key Vault - per Key Vault instance	\$213,00	\$247,00	\$592,00	\$63,00

1st Load Balancer- per Load Balancer including 5 backends pool	\$115,00	\$155,00	\$403,00	\$63,00
1st Logic Apps - per application	\$213,00	\$247,00	\$782,00	\$63,00
1st Network Security Groups - (up to 5 security rules)- included	-	-	-	-
1st Network Watcher - per Network Watcher instance			\$207,00	\$63,00
1st Site Recovery - including 20 ressources (VM & others)	\$115,00	\$155,00	\$592,00	\$63,00
1st Storage - per 5 Storage accounts	\$81,00	\$115,00	\$213,00	\$63,00
1st Traffic Manager - per Traffic Manager instance	\$115,00	\$155,00	\$403,00	\$63,00
1st Virtual Machine per type for managed middleware - per instance	\$81,00	\$155,00	\$782,00	\$40,00
1st Virtual Machine per type not for managed middleware - per instance	\$81,00	\$155,00	\$782,00	\$81,00
1st Virtual Machine scale set per type (without middleware) - Per Scale Set	\$81,00	\$155,00	\$978,00	\$104,00
1st Virtual Network in a tenant (up to 5) - included	-	-	-	-
Additional App Service - per Web Application (optimisation possible)	\$98,00	\$155,00	\$966,00	\$81,00
Additional App Service (linux) - per Web Application (optimisation possible)	\$98,00	\$155,00	\$966,00	\$81,00
Additional Application Gateway - per App Gateway	\$98,00	\$155,00	\$575,00	\$63,00
Additional Application Insights (option) - per managed ressource	-	\$196,00	\$196,00	\$63,00
Additional Azure DNS Public - Per ressource group	\$98,00	\$132,00	\$196,00	\$81,00
Additional Azure Redis Cache - per instance	\$98,00	\$132,00	\$196,00	\$104,00
Additional CDN - per End Point	\$98,00	\$98,00	\$196,00	\$144,00
Additional Function App - per 100 lines of code	\$98,00	\$132,00	\$380,00	\$63,00
Additional Key Vault - per Key Vault instance	\$98,00	\$132,00	\$196,00	\$63,00
Additional Load Balancer- per Load Balancer including 5 backends pool	\$98,00	\$132,00	\$380,00	\$63,00
Additional Logic Apps - per application	\$98,00	\$132,00	\$196,00	\$63,00
Additional Network Security Groups - Additional build of 5 security rules	-	-	\$196,00	
Additional Network Watcher - per Network Watcher instance	-	-	\$98,00	\$63,00
Additional Storage - per 5 Storage accounts	\$58,00	\$98,00	\$98,00	\$63,00
Additional Traffic Manager - per Traffic Manager instance	\$98,00	\$132,00	\$403,00	\$63,00
Additional Virtual Machine for managed middleware - per instance	\$58,00	\$115,00	\$98,00	\$40,00
Additional Virtual Machine not for managed - per instance	\$58,00	\$115,00	\$98,00	\$81,00
Additional Virtual Machine scale set (without middleware) - Per Scale Set	\$58,00	\$115,00	\$144,00	\$104,00
Additional Virtual Network in a tenant - per virtual network	-	-	\$115,00	
Automation - per 10 jobs	-	-	-	\$63,00
Azure Bastion - per Bastion instance	-	-	\$299,00	\$63,00
Azure Cosmos DB - per additional instance on a server	\$98,00	\$115,00	\$98,00	\$144,00
Azure Cosmos DB - per server with 1 DB instance	\$403,00	\$477,00	\$771,00	\$144,00
Azure Database for Maria DB - per addl instance on a server	\$98,00	\$115,00	\$98,00	\$144,00
Azure Database for Maria DB - per server with 1 DB instance	\$403,00	\$477,00	\$771,00	\$144,00
Azure Database for MySQL server - per addl instance on a server	\$98,00	\$115,00	\$98,00	\$144,00
Azure Database for MySQL server - per instance with 1 DB server	\$403,00	\$477,00	\$771,00	\$144,00
Azure Database for PostgreSQL - per additional instance on a server	\$98,00	\$115,00	\$98,00	\$144,00
Azure Database for PostgreSQL - per server with 1 DB instance	\$403,00	\$477,00	\$771,00	\$144,00
Azure DNS Private Zone - Per ressource group	-	-	\$196,00	\$81,00
Express Route (excluding link & end point) - per Express Route	\$213,00	\$247,00	\$3 105,00	\$81,00

Firewall per 30 rules	\$98,00	\$115,00	\$477,00	\$63,00
Kubernetes Service with Azure tooling - Baseline (excludes clusters and containers)	\$1 150,00	\$5 750,00	\$5 750,00	\$1 208,00
Kubernetes Service with Azure tooling per cluster per 20 nodes (excludes containers / microservices)	\$345,00	\$771,00	\$771,00	\$941,00
Load Balancer- 5 additional backends pool			\$196,00	\$63,00
Log Analytics (option) - per managed ressource		\$207,00	\$207,00	\$63,00
Managed Container - per microservice	\$213,00	\$247,00	\$782,00	\$63,00
Managed Disks - included in managed VM	-	-	-	-
Site Recovery - additional 20 ressources (VM & others)	-	-	\$380,00	\$63,00
SQL Database - per additional DB instance on a given Server	\$92,00	\$115,00	\$92,00	\$144,00
SQL Database - Server with one DB instance	\$403,00	\$477,00	\$759,00	\$144,00
1st VPN Gateway - per connexion	-	-	-	\$81,00
Additional VPN Connexion on a gateway - per connexion	-	-	-	\$81,00
1st Service Bus - initial 10 topics	\$782,00	\$115,00	\$155,00	\$63,00
Additional Service Bus - additional 10 topics	\$380,00	\$98,00	\$132,00	\$63,00
1st VPN Gateway for SSL connexion- per connexion	\$403,00	\$592,00	\$782,00	\$81,00
Additional VPN Gateway for SSL connexion - per	\$196,00	\$196,00	\$288,00	\$81,00

#### Cloud Native Services AWS

1st AWS Secrets Manager - per secret manager	\$213,00	\$247,00	\$592,00	\$63,00
1st Cloud Front - per End Point	\$213,00	\$115,00	\$403,00	\$144,00
1st Dynamo DB - per instance	\$403,00	\$477,00	\$771,00	\$144,00
1st EC2 of a given type - not for managed - per instance	\$98,00	\$155,00	\$782,00	\$81,00
1st EC2 of a given type for managed middleware - per instance	\$98,00	\$155,00	\$782,00	\$40,00
1st EFS - per 5 Storage accounts	\$81,00	\$115,00	\$213,00	\$63,00
1st ElastiCache - per instance	\$213,00	\$155,00	\$213,00	\$104,00
1st ELB / ALB Load Balancer- per Load Balancer including 5 backends pool	\$213,00	\$155,00	\$403,00	\$63,00
1st KMS - per KMS instance	\$213,00	\$247,00	\$592,00	\$63,00
1st Lambda - per 100 lines of code	\$115,00	\$155,00	\$782,00	\$63,00
1er MQ pour RabbitMQ - 10 sujets initiaux	\$115,00	\$155,00	\$782,00	\$63,00
1st Network Security Groups - (up to 5 security rules)- included	-	-	-	-
1st RDS for PostgreSQL, MariaDB, MySQL, SQL (excluding Oracle and Elastic) - per instance	\$403,00	\$477,00	\$771,00	\$144,00
1st S3 - per 5 Storage accounts	70,00 €	100,00 €	185,00 €	55,00 €
1st Transit Gateway - per instance	500,00 €	840,00 €	840,00 €	300,00 €
Additional AWS Secrets Manager - per secret manager	\$98,00	\$132,00	\$196,00	\$63,00
Additional Cloud Front - per End Point	\$98,00	\$98,00	\$196,00	\$144,00
Additional Dynamo DB - per instance	\$98,00	\$115,00	\$98,00	\$144,00
Additional EC2 of a given type - not for managed middleware - per instance	\$81,00	\$115,00	\$98,00	\$81,00
Additional EC2 of given type - for managed middleware - per instance	\$81,00	\$115,00	\$98,00	\$40,00
Additional EFS - per 5 Storage accounts	\$58,00	\$98,00	\$98,00	\$63,00
Additional ElastiCache - per instance	\$98,00	\$132,00	\$196,00	\$104,00

Additional ELB / ALB Load Balancer- per Load Balancer including 5 backends pool	\$98,00	\$132,00	\$380,00	\$63,00
Additional FSx - per 5 file storage	\$58,00	\$98,00	\$98,00	\$63,00
Additional Glacier - per 5 Storage accounts	\$58,00	\$98,00	\$98,00	\$63,00
Additional KMS - per KMS instance	\$98,00	\$132,00	\$196,00	\$63,00
Additional Lambda - per 100 lines of code	\$98,00	\$132,00	\$380,00	\$63,00
Additional Network Security Groups - Additional build of 5 security rules	-	-	\$196,00	-
Additional of same type: RDS for PostgreSQL, MariaDB, MySQL, SQL (excluding Oracle and Elastic) - per instance	\$98,00	\$115,00	\$98,00	\$144,00
Additional S3 - per 5 Storage accounts	\$58,00	\$98,00	\$98,00	\$63,00
Additional Transit Gateway - per instance	\$575,00	\$966,00	\$966,00	\$345,00
ALB / ALB Load Balancer- 5 additional backends pool	\$98,00	\$380,00	\$765,00	\$81,00
Beanstalk (including application surveillance) - per instance	-	-	\$196,00	\$63,00
Directory Service - per Directory Service	-	-	-	\$81,00
EBS - included in managed EC2	-	-	-	-
EKS Kubernetes Service - with AWS tooling - Baseline (excludes clusters and containers)	\$1 150,00	\$5 750,00	\$5 750,00	\$1 208,00
EKS Kubernetes Service - with AWS tooling per cluster per 20 nodes (excludes containers / microservices)	\$345,00	\$863,00	\$863,00	\$941,00
Fargate - per cluster per 20 nodes (excludes containers / microservices)	\$345,00	\$863,00	\$863,00	\$941,00
Firewall Manager - per 30 rules	\$98,00	\$115,00	\$477,00	\$63,00
IAM - Local, no on-prem or remote connexion	\$213,00	\$247,00	\$592,00	\$81,00
Managed Container - per microservice	\$213,00	\$247,00	\$782,00	\$63,00
Route 53 - per ressource group	\$213,00	\$247,00	\$213,00	\$81,00
1st WAF - per 30 rules	\$98,00	\$115,00	\$477,00	\$63,00
Additional WAF - per 30 rules	\$98,00	\$115,00	\$477,00	\$15,00
1st VPN Gateway - per connexion	\$213,00	\$403,00	\$1 167,00	\$81,00
Additional VPN Connexion on a gateway - per connexion	\$98,00	\$380,00	\$765,00	\$81,00
1st MQ for RabbitMQ - initial 10 topics	\$115,00	\$155,00	\$782,00	\$63,00
Additional MQ for RabbitMQ - additional 10 topics	\$98,00	\$132,00	\$380,00	\$63,00

### Log As A Service

Customer Onboarding		\$4 025,00	\$920,00
Space per 500GB SSD		\$288,00	\$518,00
Space per 500GB SSD – Haute disponibilité (redondancex3)		\$863,00	\$1 553,00
Kafka		\$633,00	\$196,00
Logstash		\$575,00	\$253,00
Internal LDAP		\$518,00	\$173,00
Collecte Standard de données		\$3 053,00	
Découverte et audit des use cases		on quote	on quote
Collecte de données Custom		on quote	on quote
Dashboard personnalisés		on quote	on quote
Déploiement du Machine Learning		on quote	on quote
Formation Elastic		on quote	on quote

## 6.3 Tariff schedule for Managed Kubernetes service with CaasCad

Managed Kubernetes with CaasCad service rates do not include the IaaS consumer price, nor IaaS, network and security prerequisite that the Customer must purchase separately from the IaaS infrastructure provider, network and security - including Orange Business Services.

### 6.3.1 Customer Administration Environment Tariff

The Managed Kubernetes service with CaasCad provides one or more Customer Administration Environments dedicated to the Customer. Following the Purchase Order, the Customer and Orange Business Services agree on deployment dates. The Customer Administration Environment is billed as soon as it is deployed, regardless of the availability of Customer Environments.

Service Unit	Recurrent Service Unit	Premium Level - Price HT
Customer Administration Environment - Per Instance	Customer Administration Environment	€2,300/month
Customer Administration Environment – Kubernetes Logs and Metrics Storage	Kubernetes Logs and Metrics beyond 1,000 Giga Bytes included	€0 per GBytes below 1,000 GBytes collected €0.1 per GB collected / month over 1,000 GBytes stored (maximum value for the month)

The cost of the IaaS underlying the Customer Administration Environment is borne by Orange Business Services as part of the Managed Kubernetes service with CaasCad excluding network interconnection services and pre-required security services.

For example, for a customer with a Service with 2 Customer Administration Environments, the amount of the Customer Administration Environment Service Unit - per instance will be:

2 Administration environments x 2300 euros per month or 4600 euros per month.

For example, the price for the Customer Administration Environment Service Unit - Logs and Storage Metrics - for 200 GigaBytes of Logs stored in the Customer Administration Environment from all Related Customer Environments will be:

€0 for the month

- for 1,500 GigaBytes of Kubernetes Logs stored in the Customer Administration Environment from all related Customer Environments will be:

$(1500 - 1000) \text{ GBytes} * € 0.1 = € 50 \text{ HT for the month}$

### 6.3.2 Dedicated Customer Environments Tariffs

The Managed Kubernetes service with CaasCad provides one or more Customer-dedicated Customer Environments attached to a Customer Administration Environment. It is billed based on the total number of vCPUs of Kubernetes clusters deployed to these environments. Following the order, the Customer and Orange Business Services agree on deployment dates. The Customer Environment is billed as soon as it is deployed.

Pay-as-you-go billing allows you to take into account the change in the size of the Kubernetes clusters during the month. Thus, only the actual size of the clusters will be charged.

Service Unit	Recurrent Service Unit per range	Price HT for vCPU.h
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Customer Environment - vCPU – per vCPU usage per hour for each Customer Environment	Up to 36 000 vCPU.hour	0,052 € / vCPU / hour
	from 36 001 vCPU.h to 108 000 vCPU.hour	0,051 € / vCPU / hour
	from 108 001 vCPU.h to 288 000 vCPU.hour	0,049 € / vCPU / hour
	from 288 001 vCPU.hour to 720 000 vCPU.hour	0,047 € / vCPU / hour
	from 720 001 vCPU.hour to 1 800 000 vCPU.hour	0,046 € / vCPU / hour
	beyond 800 001 vCPU.hour	0,045 € / vCPU / hour

### Equivalences

In order to allow a better readability of the decline in prices by volume, here is the equivalency table of a number of vCPU used during a month of 720 hours in vCPU.h

Number of vCPU used during one 720-hour month	Number of vCPU.h equivalent
50 vCPU	36 000 vCPU.h
150 vCPU	108 000 vCPU.h
400 vCPU	288 000 vCPU.h
1000 vCPU	720 000 vCPU.h
2500 vCPU	1 800 000 vCPU.h

For example, the price for **the Customer Environment Service Unit - vCPU**

- for a vCPU of the Kubernetes cluster managed for use of 720 hours in the month will be:  
1 vCPU - x 720 hours x 0.052 - €37.44 HT

- for a cluster consisting of 4 VMs of Size Paris - s3.large.2 (2vCPUs, 4 GB RAM each) on the Flexible Engine infrastructure for use of 744 hours each in the month will be:  
4 VMs x 2 vCPUs x 744 hours x 0.052 - 5,952 vCPU.h x 0.052 - 309.50 € HT

- for a cluster consisting of 20 VMs of Size Paris - s3.xlarge.2 (4vCPUs, 8 GB RAM each) on the Flexible Engine infrastructure for use of 720 hours each in the month will be:  
20 VMs x 4 vCPUs x 720 hours - 57,600 vCPU.h  
i.e. 36,000 vCPU.h x 0.052 - 21,600 vCPU.h x 0.051 - 2973.60 € HT

- for a cluster consisting of 20 VMs of Size Paris - s3.xlarge.2 (4vCPUs, 8 GB RAM each) on the Flexible Engine infrastructure for use of 100 hours each in the month will be:  
20 VMs x 4 vCPUs x 100 hours x 0.052 - 8,000 vCPU.h x 0.052 - 416 € HT

- for 2 clusters composed of 20 VMs each of Size Paris - s3.xlarge.2 (4vCPUs, 8 GB RAM each) on the Flexible Engine infrastructure for use of 720 hours each in the month will be:  
2 x 20 VMs x 4 vCPUs x 720 hours - 115,200 vCPU.h  
i.e. 36,000 vCPU.h x 0.052 - 72,000 vCPU.h - 0.051 - 7200 vCPU.h x 0.049 - 5896.80 € HT

## 6.3.2 Onboarding Prices

Onboarding's service consists of deploying, setting up a CaasCad Customer Administration Environment dedicated to the Customer, providing access and explaining its use to users. It is required for every deployment of a CaasCad Customer Administration Environment.

The Onboarding package (or Initial Support) is billed in a unique way at maturity, this package includes 3 days of accompaniment that can be completed at the request of the Customer.

The Customer is responsible for providing the pre-requisite information to Onboarding on time and making its users available to perform Onboarding over a maximum of 3 days.

Service Unit	A the event	Price HT
Customer Administration Environment - Onboarding (3 days)	Onboarding (3 days) by Customer Administration Environment	3 000 €
Customer Administration Environment - Onboarding (1 extra day)	Onboarding by extra day	1 000 €

For example, if the Customer orders the Service with 1 Customer Administration Environment, then, when the Administration Environment is commissioned, on-boarding will be delivered and billed according to the Customer Administration Environment Service Unit - Onboarding (3 days) i.e. 3000 euros.

For example, if a few months later, the Customer orders an additional 2-day On-Boarding service, 2x Customer Administration Environment Service Units - Onboarding (1 extra day) will be carried out and billed at 2 x 1000 euros.

For example, if a few months later, the Customer orders a Second Customer Administration Environment, then, when the second Administration Environment is commissioned, on-boarding will be delivered and billed according to the Customer Administration Environment Service Unit - Onboarding (3 days) i.e. 3000 euros.

## 7. End of document