








 Alibaba Cloud

**PRIANTO**

## Elastic Cloud Computing Services

### Cloud Servers

-  Elastic Compute Service
-  Simple Application Server
-  Elastic GPU Service
-  FBGA as a Service
-  Dedicated Host
-  ECS Bare Metal Instance
-  WUYING Workspace (EDS)

### High-Performance Computing

-  Super Computing Cluster
-  Elastic High Performance Computing
-  Batch Compute


### Elastic Orchestration

-  Auto Scaling
-  Resource Orchestration Service
-  Operation Orchestration Service

### Serverless

-  Function Compute
-  Serverless Workflow

### Containers

-  Elastic Container Instance
-  Alibaba Cloud Container Service for Kubernetes (ACK)
-  Service Mesh
-  Container Registry

## Alibaba Cloud Storage



Object Storage Service



Hybrid Cloud Distributed Storage



Hybrid Backup Recovery



Storage Capacity Units



Data Transport



Enhanced Solid State Drive



Hybrid Cloud Storage Array



Alibaba Cloud Extreme NAS

## Alibaba Cloud Networking

### Alibaba Cloud



Virtual Private Cloud (VPC)



PrivateLink



Elastic IP



NAT Gateway



SLB

### Hybrid Cloud Network



VPN



Express Connect



Smart Access Gateway

### Multi-region Network



Cloud Enterprise Network (CEN)



Global Accelerator  
Transit Router

## Alibaba Cloud Security Services

### Infrastructure Security

- Anti-DDoS Basic
- Anti-DDoS
- Security Center
- Web Application Firewall (WAF)
- Bastionhost
- Cloud Firewall
- Certificate Management Service

### Business Security

- Fraud Detection
- Content Moderation
- ID Verification

### Identity Security

- ActionTrail
- Resource Access Management (RAM)
- Identity as a Service (IDaaS)

### Service Security

- Managed Security Service
- Penetration Test

### Data Security Assurance

- Data Security Center (Original SDDP)
- Cloud Hardware Security Module (HSM)
- Key Management Service
- Cloud Config

## Alibaba Cloud Database Services

### Online Transaction Processing (OLTP)

- PolarD
- ApsaraDB RDS for MySQL
- ApsaraDB RDS for PostgreSQL
- ApsaraDB RDS for SQL Server
- ApsaraDB RDS for MariaDB
- PolarDB-X

### NoSQL

- |                    |                      |                                    |
|--------------------|----------------------|------------------------------------|
| ApsaraDB for Redis | ApsaraDB for MongoDB | Time Series Database for InfluxDB® |
| Tair               | ApsaraDB for HBase   | Lindorm                            |

### Online Analytical Processing (OLAP)

- |                      |                           |                         |
|----------------------|---------------------------|-------------------------|
| AnalyticDB for MySQL | AnalyticDB for PostgreSQL | ApsaraDB for ClickHouse |
|----------------------|---------------------------|-------------------------|

### Cloud Database Dedicated Cluster (CDDC)



ApsaraDB for MyBase

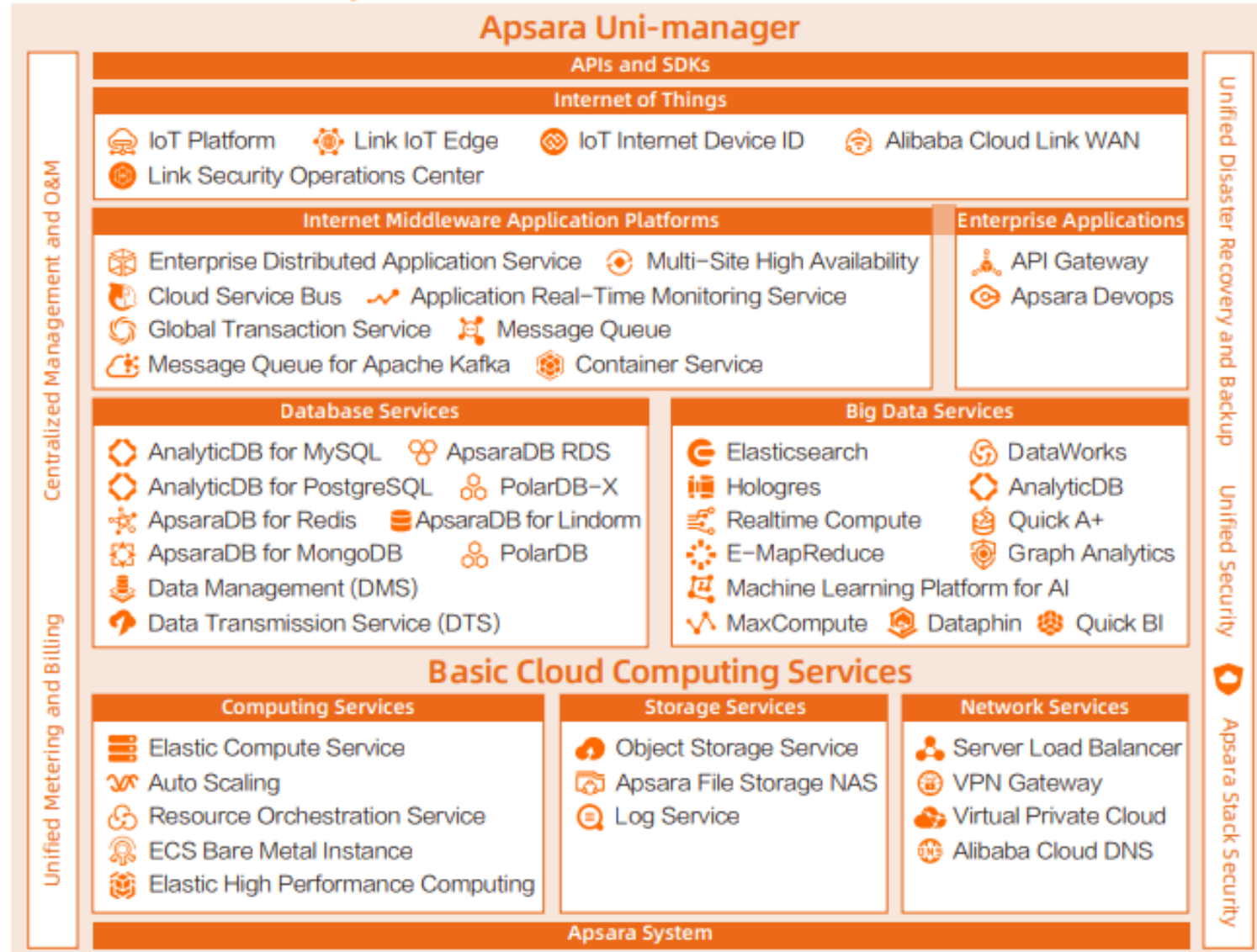
### Database Management Tools

- Data Transmission Service
- Database Backup
- Data Management
- Database Autonomy Service (DAS)

## ASPARA STACK

Apsara Stack kendi veri merkezinde ve kendi altyapınızda barındırabileceğiniz bir bulut yapısı kurmanıza olanak sağlayacak. Kendi altyapınızda Private Cloud modelinde kurgulayacağınız servisleri Alibaba'nın altyapısından alacağınız Public Cloud hizmetiyle birleştirerek ortaya bir Hybrid Cloud yapısı çıkartmanız bile mümkün.

### Architecture of Apsara Stack™



### Sunulan Servisler

Apsara Devops: Enterprise-level All-in-one Devops Platform				
Collaboration between Product and R&D Departments and Performance Measurement Multimodal Development: Cloud-native + Mobile + Traditional Applications Application Monitoring + Application O&M				
Apsara Uni-manager: Intelligent Hybrid Cloud Management Platform				
Developer	Operations Administrator	O&M Engineer	Decision Maker	Third-party Integrator
Self-service Portal	Industry Cloud Operations	Centralized Monitoring and O&M	Data Dashboard	OpenAPI&SDK
Apsara Stack: Full-stack Infrastructure for All Scenarios				
<b>Enterprise Edition</b> Integrated Full-stack Cloud Platform 70+ Apsara Stack Services Available in Multiple Regions Scale: 20 to 10,000 Servers				
<b>Agility Edition</b> Lightweight Single Product Output Database, Middleware, and Big Data Scenarios Scale: 3 to 20 Servers				
<b>Appliance</b> Cloud-edge Collaboration and Integrated Rack Delivery Self-developed NPU Chip Services for the Needs of Transportation, Industrial, and IoT Scenarios				

Aspara Stack'a güç veren teknoloji, Alibaba Cloud'un arge ve dağıtımından elde edilen yılların deneyiminden doğdu. Aspara Stack'ın en büyük özelliği, dünyanın her yerinden kullanıcılar tarafından kendini ispatlamış, istikrarlı bir yerel mimari sunması. Apsara Stack, kendi şirket içi, ölçeklenebilen bulutunuzu oluşturmanıza olanak tanıyor.

## zSTACK

Apsara Stack Agility Elastic Compute Service (Alibaba Cloud ZStack), şirket içi ve Alibaba Cloud kaynaklarındaki veri merkezlerindeki donanımları, uçtaki sunucuları ve hibrit bulut ortamlarını yönetmek için kolayca dağıtılabilen hafif bir hibrit bulut çözümdür. Geleneksel özel ve hibrit bulut çözümleriyle karşılaştırıldığında Alibaba Cloud ZStack daha uygun maliyetli ve ölçeklenebilirdir. Alibaba Cloud ZStack'i tek bir düğümden 30 dakika içinde dağıtabilir ve gerektiğinde kolayca yüzlerce sunucuya ölçeklendirebilirsiniz.

## Özellikleri

Alibaba Cloud ZStack, hem kontrol düzleminde hem de veri düzleminde ağ ara bağlantısını gerçekleştiren sektördeki ilk hibrit bulut platformlarından biridir.

**ImageStore**

Docker'ın yaptığı gibi görüntüleri hızlı bir şekilde oluşturur ve ayırır.

**Multi-tenant quota and billing**

Özel bulut platformunun gelişmiş self servis yeteneğini sağlar.

**Startup sequence adjustment**

ISO görüntülerini kullanarak VM örneklerinizi yeniden yüklemenize veya VM örneklerinizi kurtarmanıza olanak tanır.

**Resource tagging and locating**

Daha kolay sorgulama için kaynak adını, açıklamasını ve kullanıcıları etiketleyebilirsiniz..

**Resource delayed deletion**

Silinen kaynakları, gecikmeli silme işlemi için geri dönüşüm kutusuna taşır.

**Resource overcommitting**

CPU, bellek ve birincil depolama gibi kaynakları aşırı yüklemenize olanak tanır.

**Resource bandwidth limitation**

VM örneklerinizin ağ bağlantısı ve disk bant genişliği için eşikleri ayarlamanıza olanak tanır.

**Load balancing****Heterogeneous resource management**

VMware vCenter'i devralır ve VM örnekleri, birimler ve ağ hizmetlerinde birden fazla işlemi destekler.

**Network topology**

Gerektiğinde genel ağ topolojisini veya özel ağ topolojisini görüntülemenizi sağlar.

## Alibaba Cloud Tüm Servisler

### Elastic Computing

- Elastic Compute Service
- Simple Application Server
- Elastic GPU Service
- Auto Scaling
- Server Load Balancer
- Container Service for Kubernetes
- Elastic Container Instance
- Container Registry
- Resource Orchestration Service
- Elastic High Performance Computing
- ECS Bare Metal Instance
- Super Computing Cluster
- Web App Service

### Storage & CDN

- Object Storage Service
- Tablestore
- Alibaba Cloud CDN
- Apsara File Storage NAS
- Hybrid Cloud Storage Array
- Data Transport
- Hybrid Backup Recovery
- Cloud Storage Gateway
- Dynamic Route for CDN

### Networking

- Virtual Private Cloud
- Express Connect
- NAT Gateway
- Server Load Balancer
- Elastic IP
- VPN Gateway
- Global Accelerator
- Cloud Enterprise Network
- Smart Access Gateway
- Data Transfer Plan
- Alibaba Cloud PrivateZone

### Database Services

- ApsaraDB for Redis
- ApsaraDB RDS for MySQL
- ApsaraDB RDS for SQL Server
- ApsaraDB RDS for PostgreSQL
- ApsaraDB RDS for PPAS
- ApsaraDB for MongoDB
- ApsaraDB for Memcache
- Data Transmission Service (DTS)
- AnalyticDB for MySQL
- AnalyticDB for PostgreSQL
- Distributed Relational Database Service
- Time Series Database
- ApsaraDB RDS for MariaDB TX
- Database Backup
- Data Management Service
- Data Lake Analytics
- ApsaraDB for PolarDB
- ApsaraDB for Hbase
- ApsaraDB for Cassandra

### Security

- Anti-DDoS
- Cloud Firewall
- Web Application Firewall
- SSL Certificates Service
- Cloud Security Scanner
- Managed Security Service
- Content Moderation
- Anti-Bot Service
- Security Center
- GameShield
- Sensitive Data Discovery & Protection

### Monitoring & Management

- CloudMonitor
- Resource Access Management
- Key Management Service
- ActionTrail
- Cloud Config
- OpenAPI Explorer
- Cloud Shell
- Global Traffic Manager

### Domains & Website

- Web Hosting
- Domains
- Alibaba Cloud DNS
- WHOIS



## Alibaba Cloud Tüm Servisler

### **Analytics & Data Technology**

- E-MapReduce
- MaxCompute
- DataWorks
- Data Integration
- Quick BI
- DataV
- Image Search
- Intelligent Service Robot
- Dataphin
- Machine Learning Platform For AI
- Elasticsearch

### **Application Service**

- Message Service
- API Gateway
- Log Service
- DirectMail
- Blockchain as a Service
- Alibaba Mail

### **Media Services**

- ApsaraVideo Live
- ApsaraVideo for Media Processing
- ApsaraVideo VOD

### **Middleware**

- Enterprise Distributed Application Service
- Message Queue
- AlibabaMQ for Apache Kafka
- Application Configuration Management

### **Cloud Communication**

- Short Message Service

### **Apsara Stack**

- Apsara Stack
- Alibaba Cloud ZStack

### **Internet of Things**

- IoT Platform
- Link IoT Edge

## Regions ve Zone Sayıları

### Çin

Region	City	Region ID	Number of zones
China (Qingdao)	Qingdao	cn-qingdao	2
China (Beijing)	Beijing	cn-beijing	8
China (Zhangjiakou)	Zhangjiakou	cn-zhangjiakou	3
China (Hohhot)	Hohhot	cn-huhehaote	2
China (Ulanqab)	Ulanqab	cn-wulanchabu	2
China (Hangzhou)	Hangzhou	cn-hangzhou	8
China (Shanghai)	Shanghai	cn-shanghai	7
China (Shenzhen)	Shenzhen	cn-shenzhen	5
China (Heyuan)	Heyuan	cn-heyuan	2
China (Chengdu)	Chengdu	cn-chengdu	2

### Diğer ülkeler

Region	City	Region ID	Number of zones
China (Hong Kong)	Hong Kong	cn-hongkong	2
Singapore (Singapore)	Singapore	ap-southeast-1	3
Australia (Sydney)	Sydney	ap-southeast-2	2
Malaysia (Kuala Lumpur)	Kuala Lumpur	ap-southeast-3	2
Indonesia (Jakarta)	Jakarta	ap-southeast-5	2
India (Mumbai)	Mumbai	ap-south-1	2
Japan (Tokyo)	Tokyo	ap-northeast-1	2
US (Silicon Valley)	Silicon Valley	us-west-1	2
US (Virginia)	Virginia	us-east-1	2
Germany (Frankfurt)	Frankfurt	eu-central-1	2
UK (London)	London	eu-west-1	2
UAE (Dubai)	Dubai	me-east-1	1