

클라우드 컴퓨팅 주요 서비스 이해

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Contents



클라우드 컴퓨팅 서비스 구조



클라우드 컴퓨팅 시스템 구조



Computing Resources



Network Resources



Storage Resources

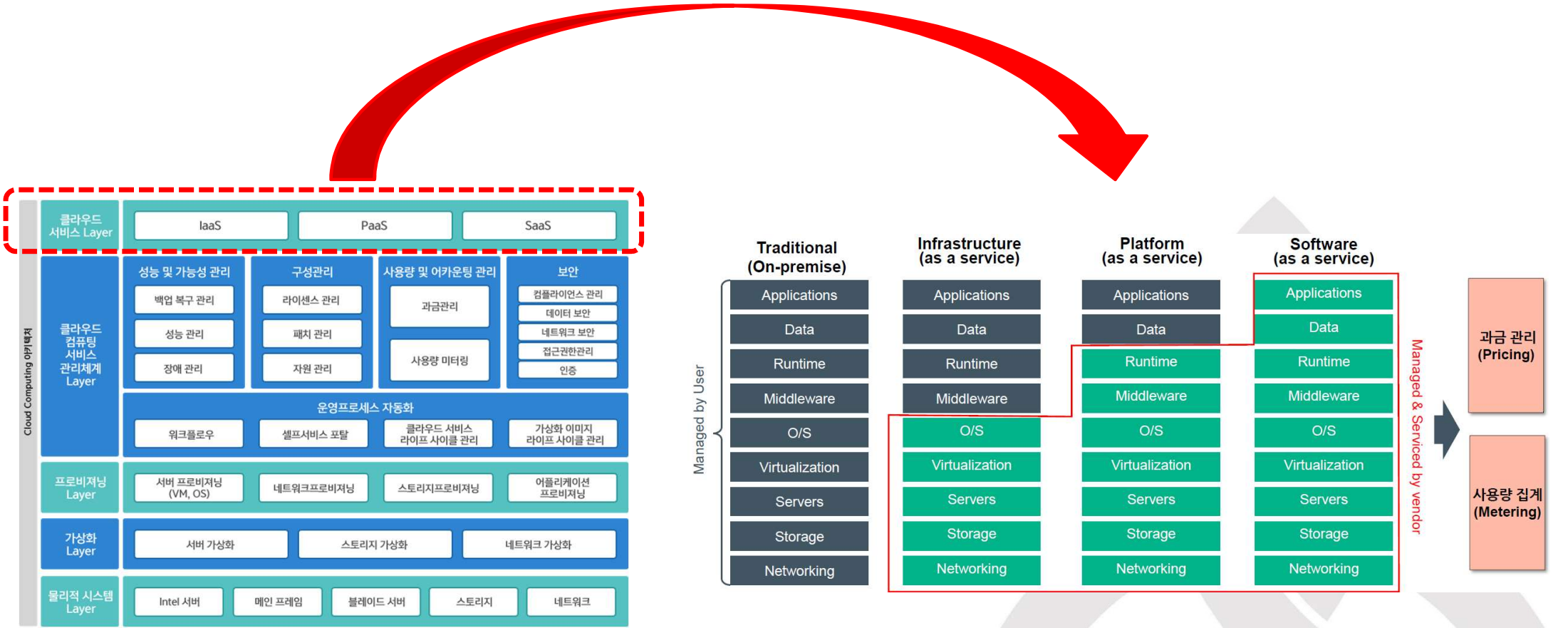


Database Resources

클라우드 컴퓨팅 서비스 구조

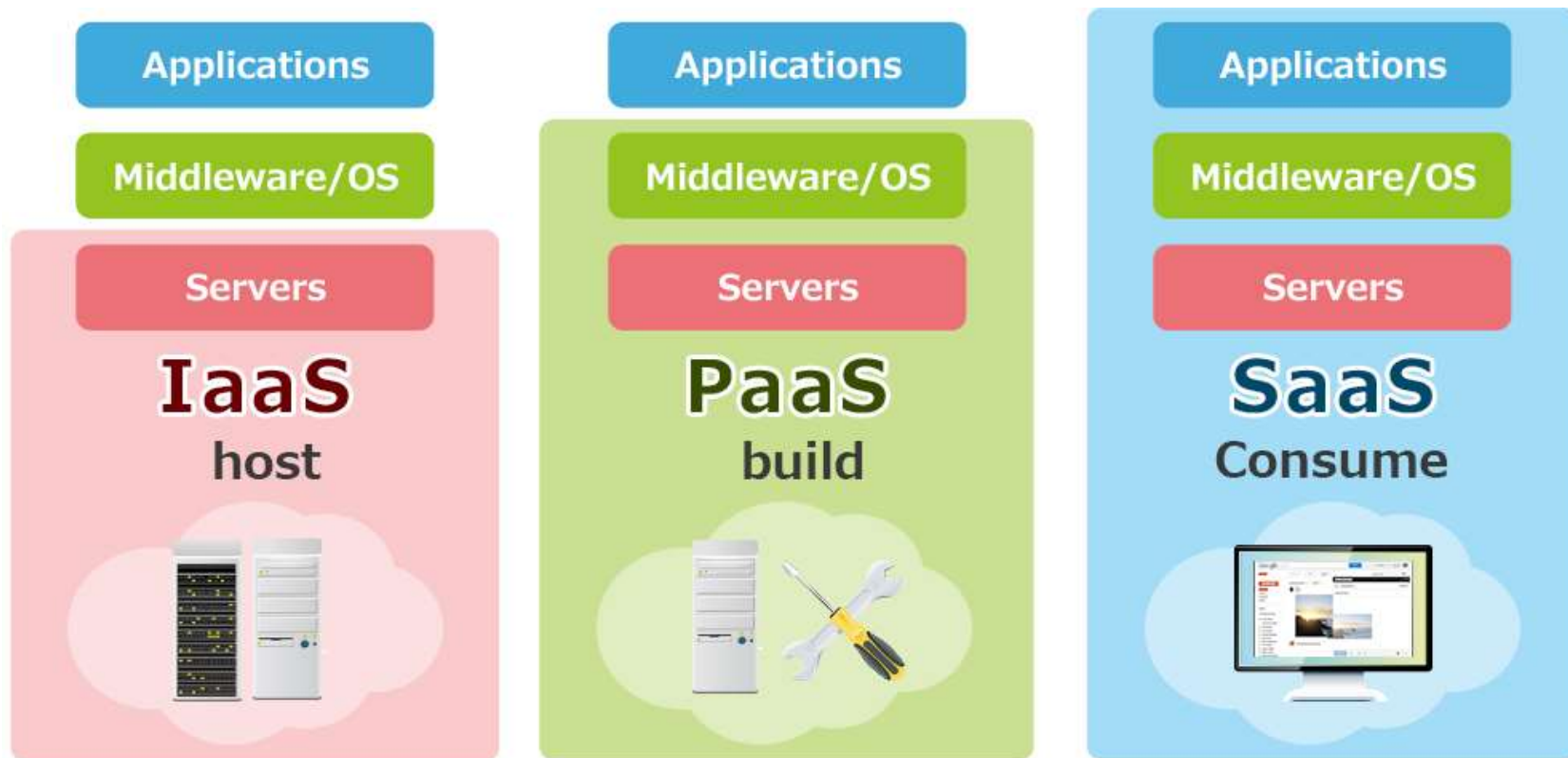


클라우드 컴퓨팅 서비스 구조



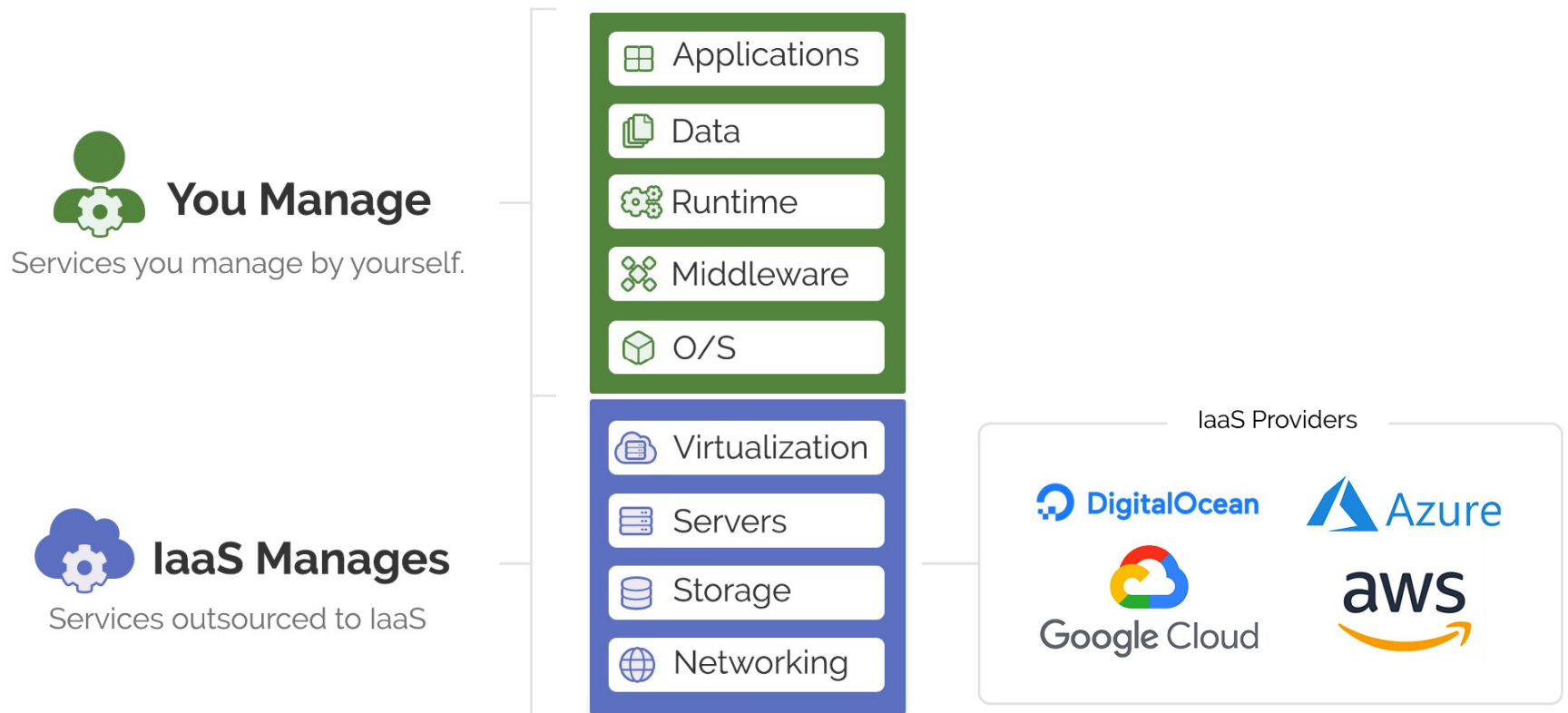
클라우드 컴퓨팅 서비스 구조

Cloud Computing Service Model



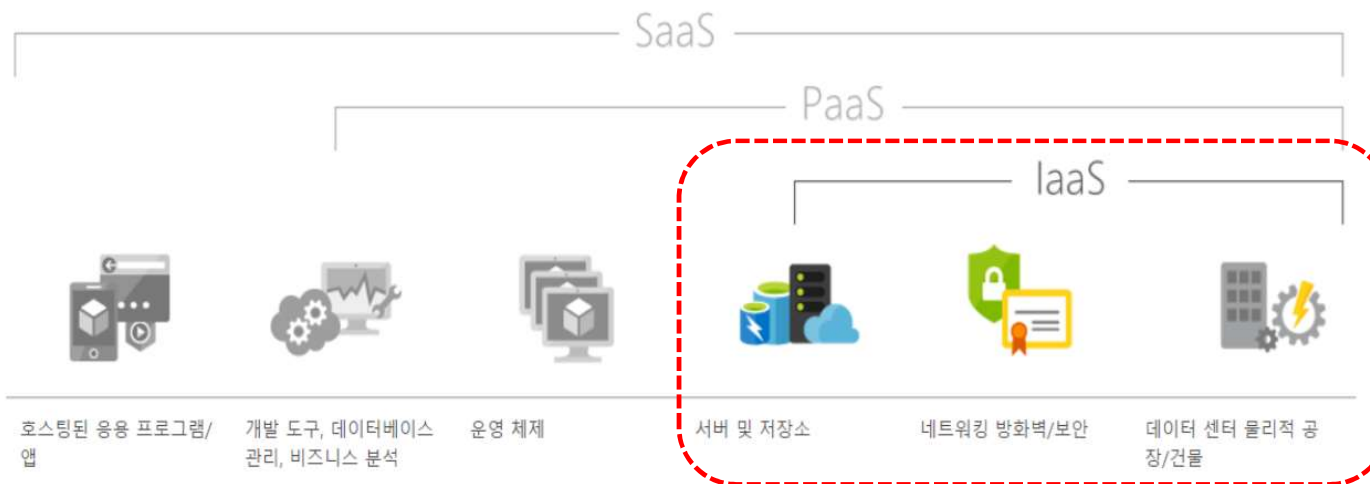
클라우드 컴퓨팅 서비스 구조

IaaS(Infrastructure As a Service)



클라우드 컴퓨팅 서비스 구조

IaaS(Infrastructure As a Service)



● Example of IaaS are :

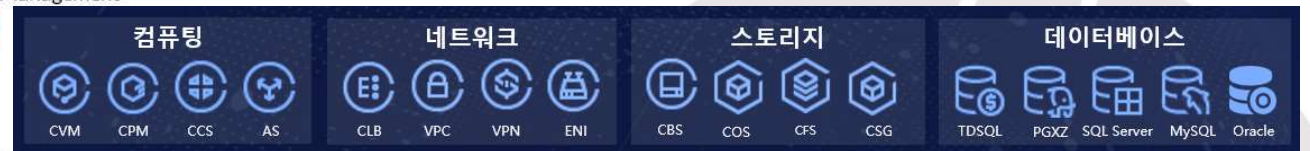
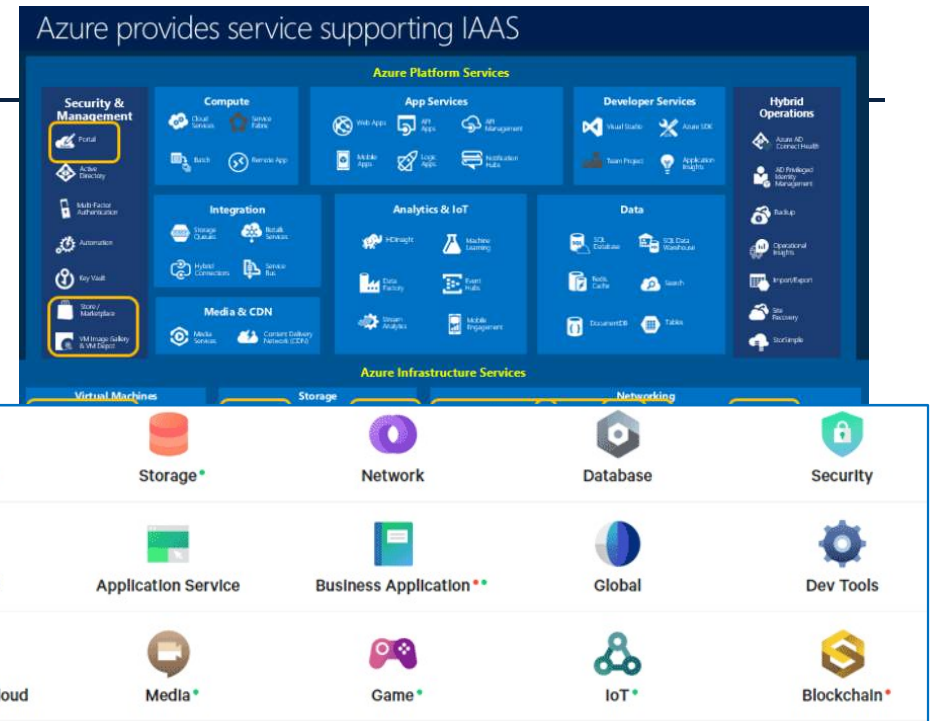
- AWS
- Microsoft Azure
- Google Cloud Platform
- Alibaba Cloud
- Tencent Cloud
- Naver Cloud Platform
- KT Cloud

● IaaS services are :

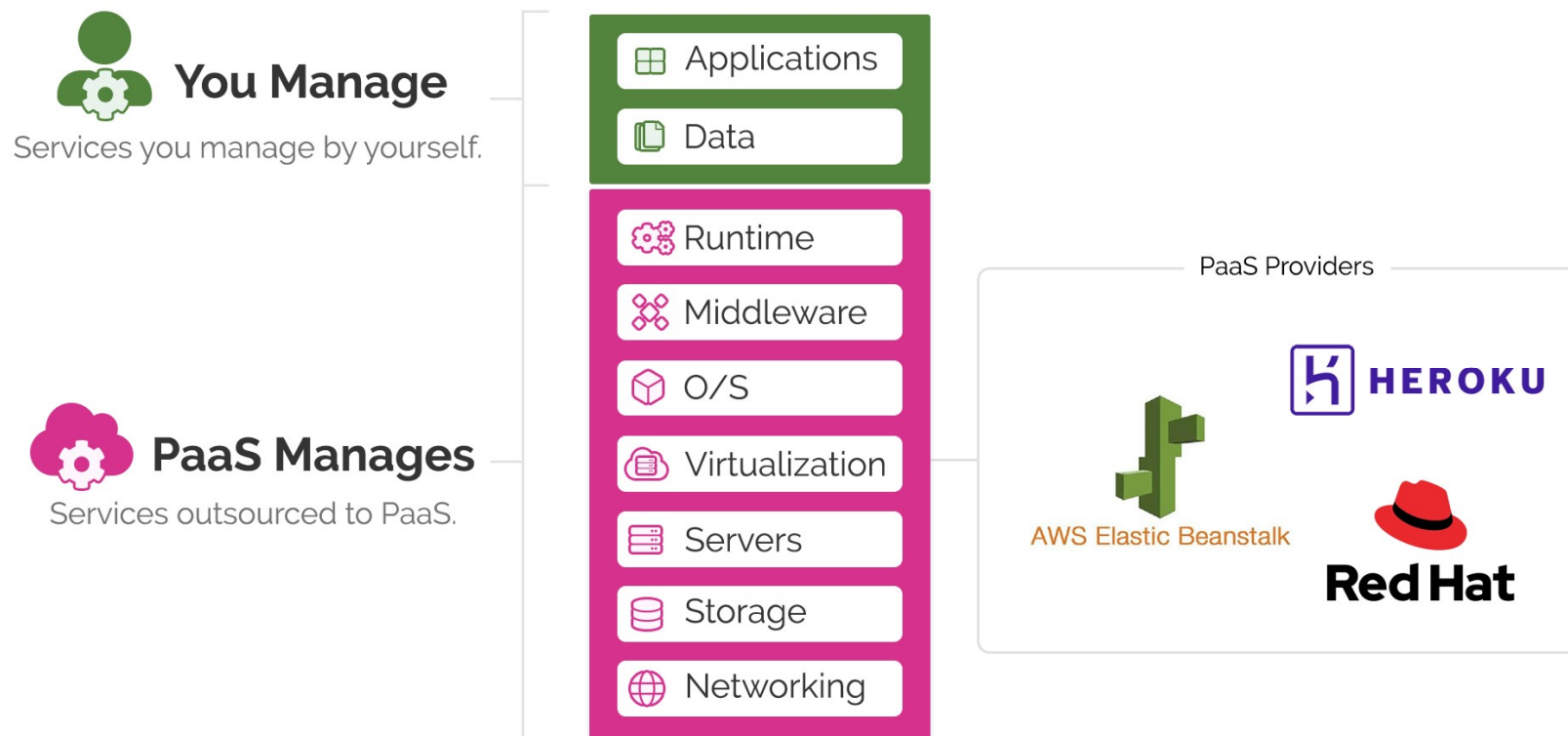
- Datacenter
- Networking
- Storage
- Servers
- Virtualization

클라우드 컴퓨팅 서비스 구조

IaaS(Infrastructure As a Service)

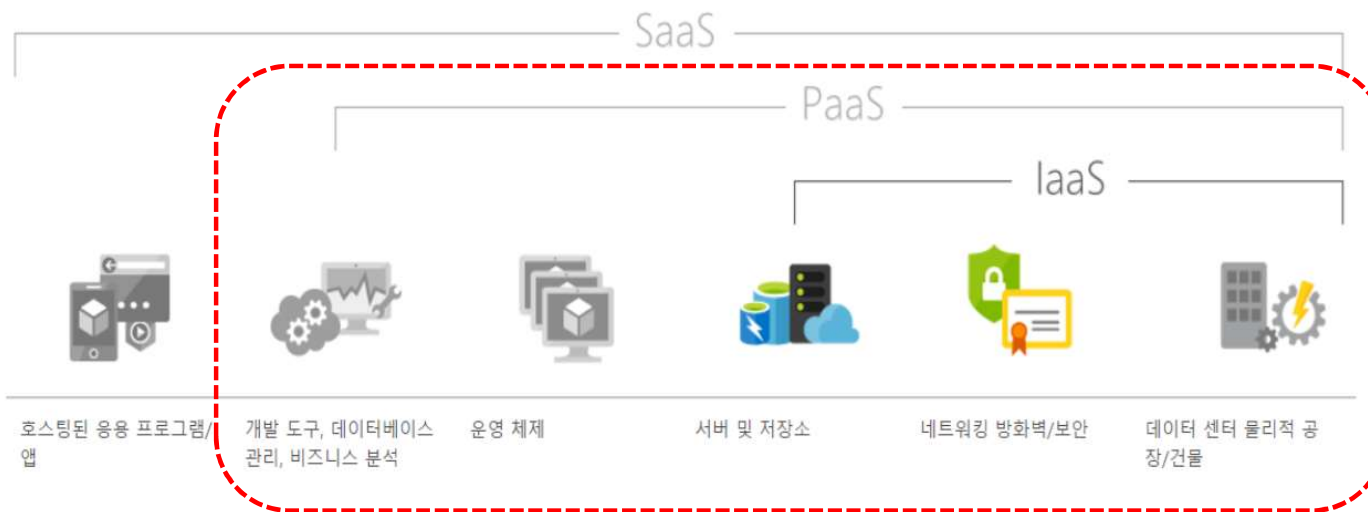


PaaS(Platform As a Service)



클라우드 컴퓨팅 서비스 구조

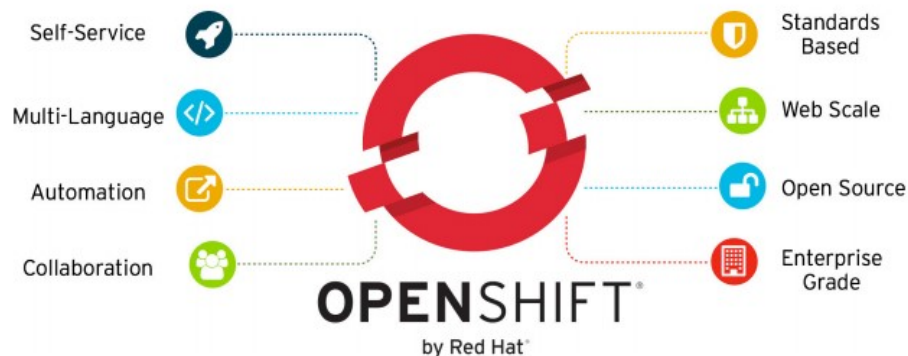
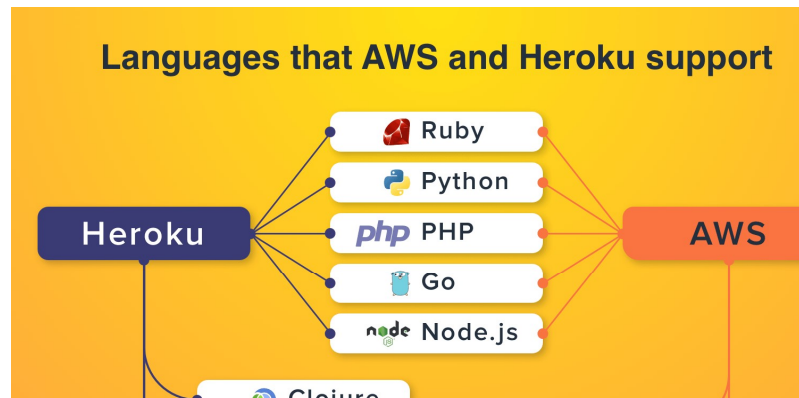
PaaS(Platform As a Service)



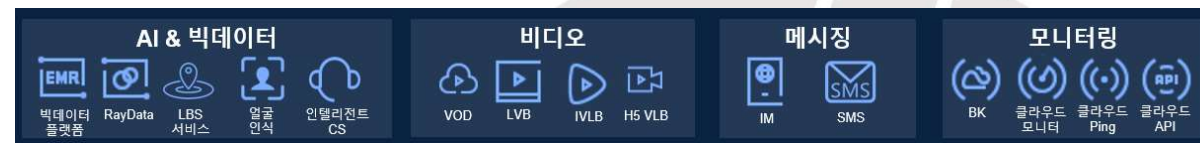
- Example of PaaS are :
 - Heroku
 - Elastic Beanstalk from AWS
 - Engine Yard
 - Open Shift from RedHat
 - Microsoft Azure
 - Google App Engine
- PaaS services are :
 - All the services of an IaaS plus
 - Operating systems
 - Middleware
 - Runtime

클라우드 컴퓨팅 서비스 구조

PaaS(Platform As a Service)

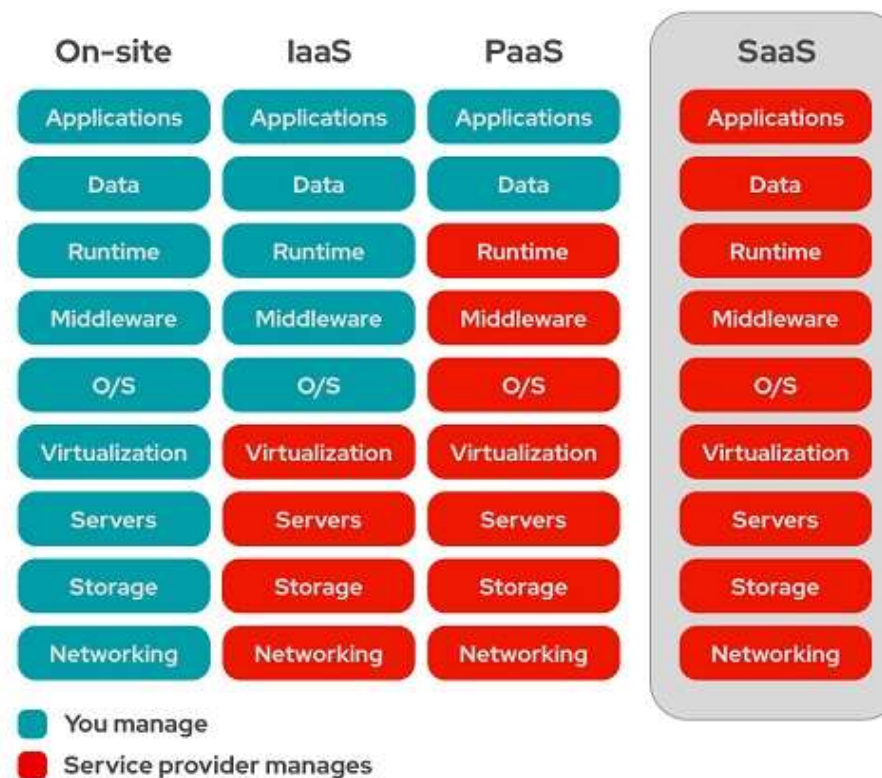


The Engine Yard PaaS



클라우드 컴퓨팅 서비스 구조

SaaS(Software As a Service)



클라우드 컴퓨팅 서비스 구조

SaaS(Software As a Service)



- Example of SaaS are :

- Salesforce
- Slack
- Dropbox
- Zendesk
- Google G Suite
- Microsoft Office 365

- SaaS services are :

- All the services of an IaaS plus
- All the service of an PaaS plus
- Data
- Applications

클라우드 컴퓨팅 서비스 구조

SaaS(Software As a Service)



Google™ Apps



Outlook

OneNote

Exchange

Word

Access

SharePoint

Excel

Publisher

OneDrive
for Business



위챗용 솔루션



미니 프로그램



결제 대행

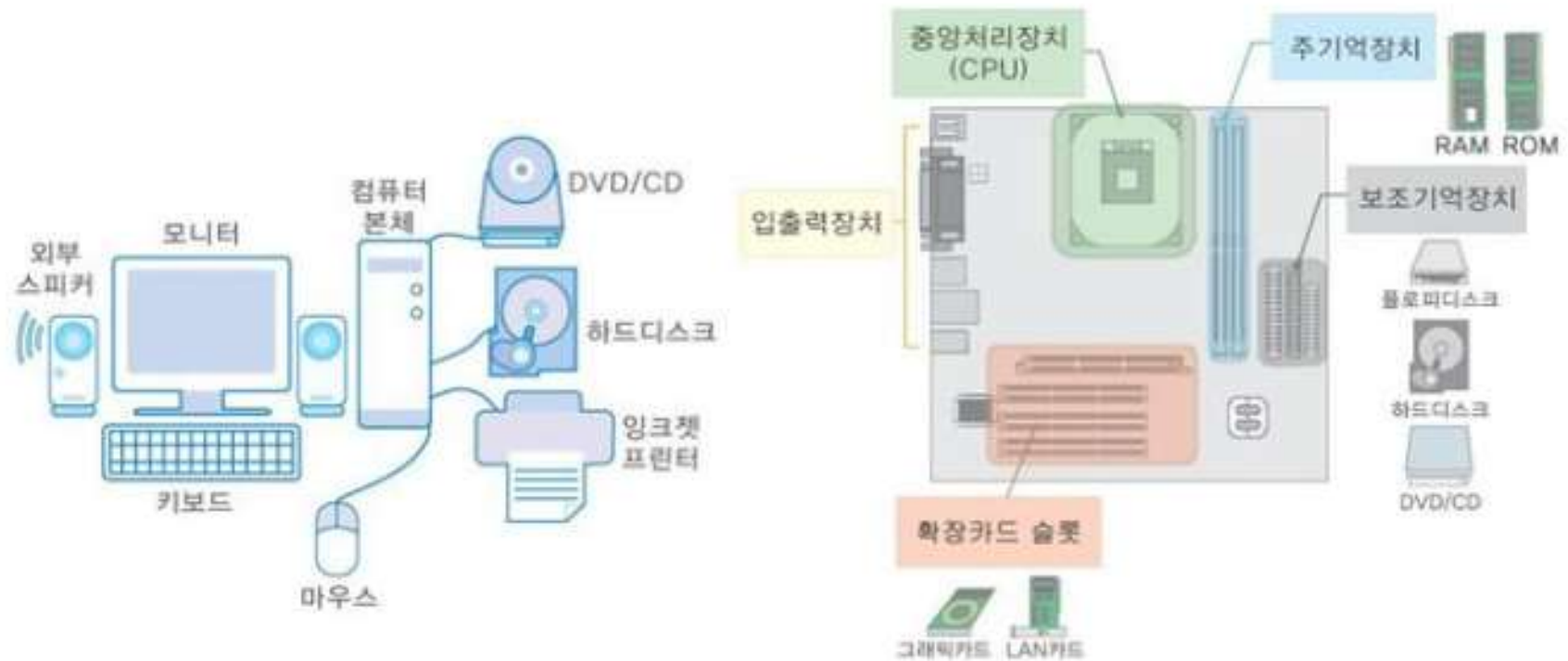
협업



엔터프라이즈 위챗

클라우드 컴퓨팅 시스템 구조

개인용 컴퓨터의 구조



클라우드 컴퓨팅 시스템 구조

그렇다면 클라우드에서는?

Computing Resources

Storage Resources

Network Resources

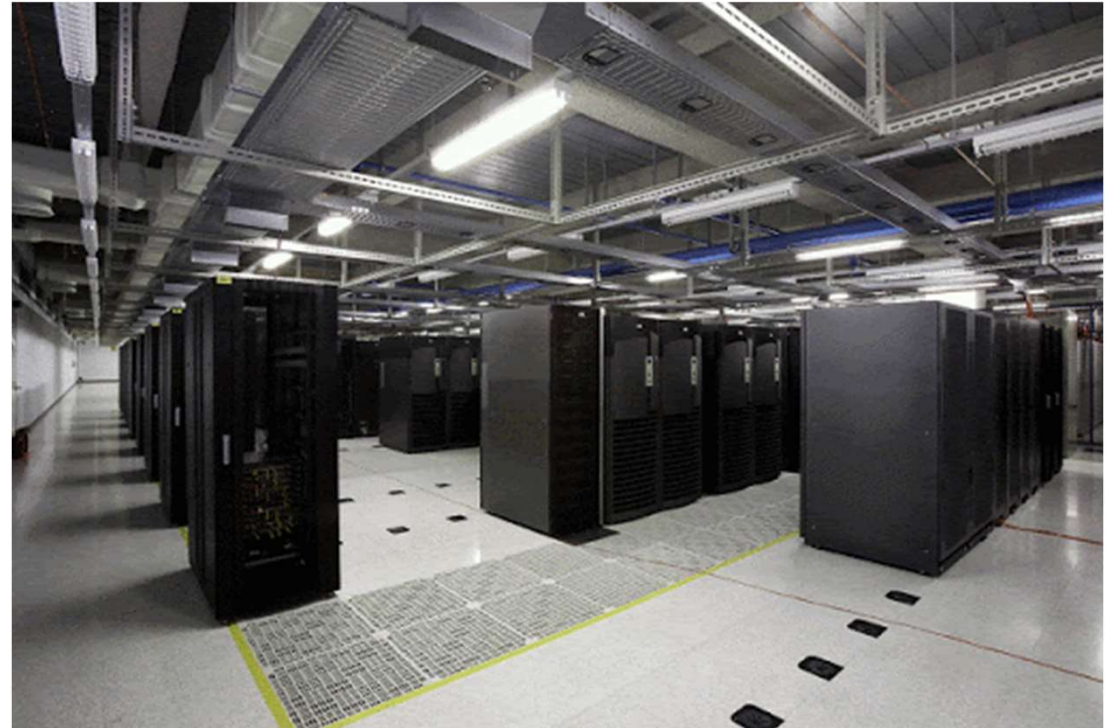
Database Resources

Computing Resources

Data Center



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**MEGAZONE
CLOUD**

Computing Resources

Tencent Global Data Center



Computing Resources

Tencent Global Data Center & Availability Zone

Region

Guangzhou

Shanghai

Nanjing

Promo

Beijing

Chengdu

Chongqing

Hong Kong, China

Singapore

Bangkok

Jakarta

NEW

Mumbai

Seoul

Tokyo

Silicon Valley

Virginia

Toronto

Frankfurt

Moscow

Tencent Cloud products in different regions cannot communicate via private network. Selecting the region closest to your customers can reduce access latency and increase download speed. CVM's region cannot be changed after the creation. [View My CVM Region](#) [Detailed Comparison](#)

Availability Zone

Random AZ

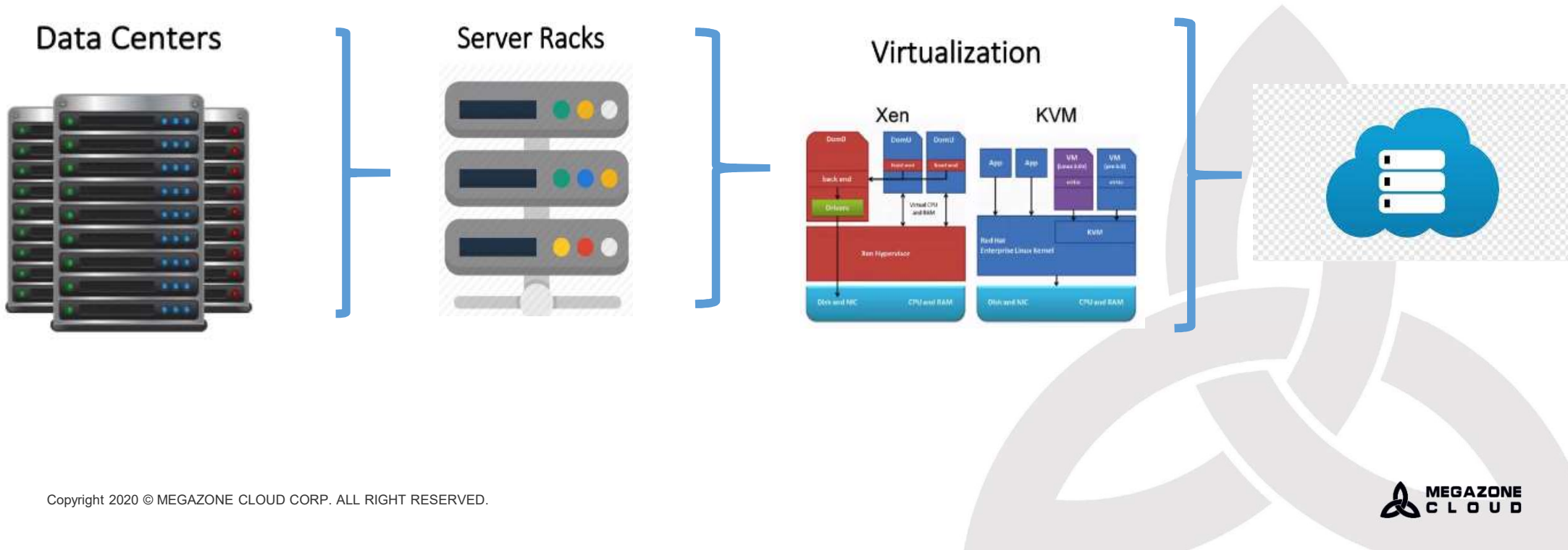
Seoul Zone 1

Seoul Zone 2

NEW

Computing Resources

Virtualization



Computing Resources

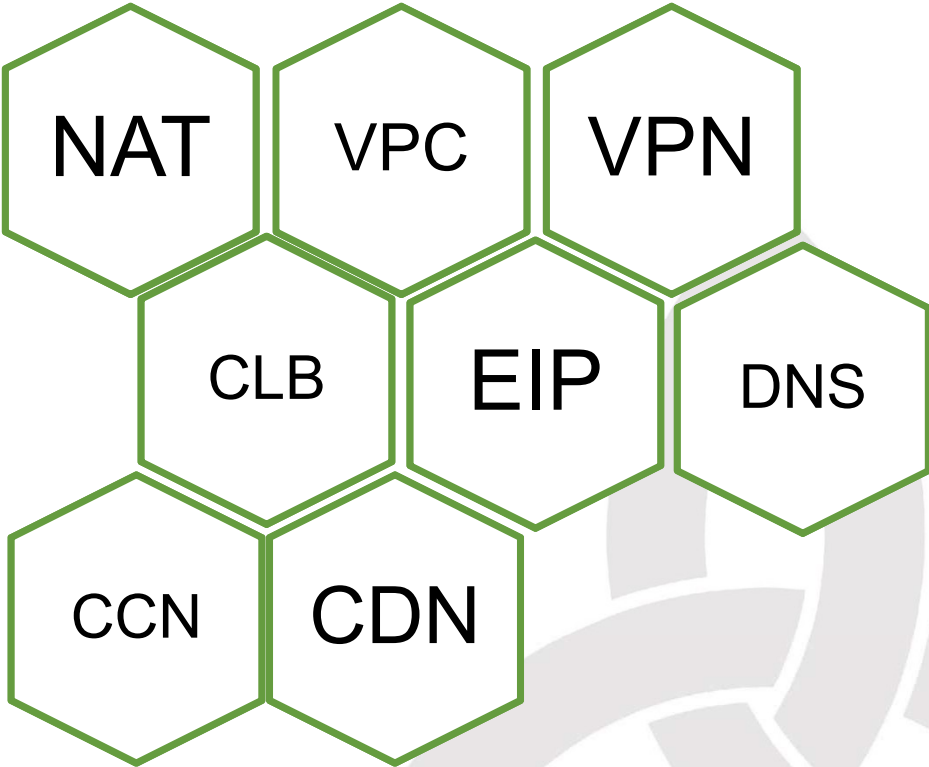
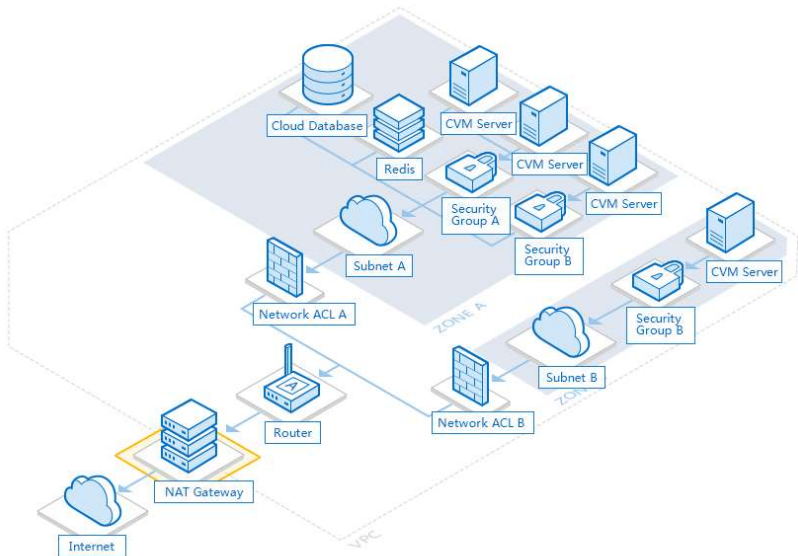
Cloud Virtual Machines



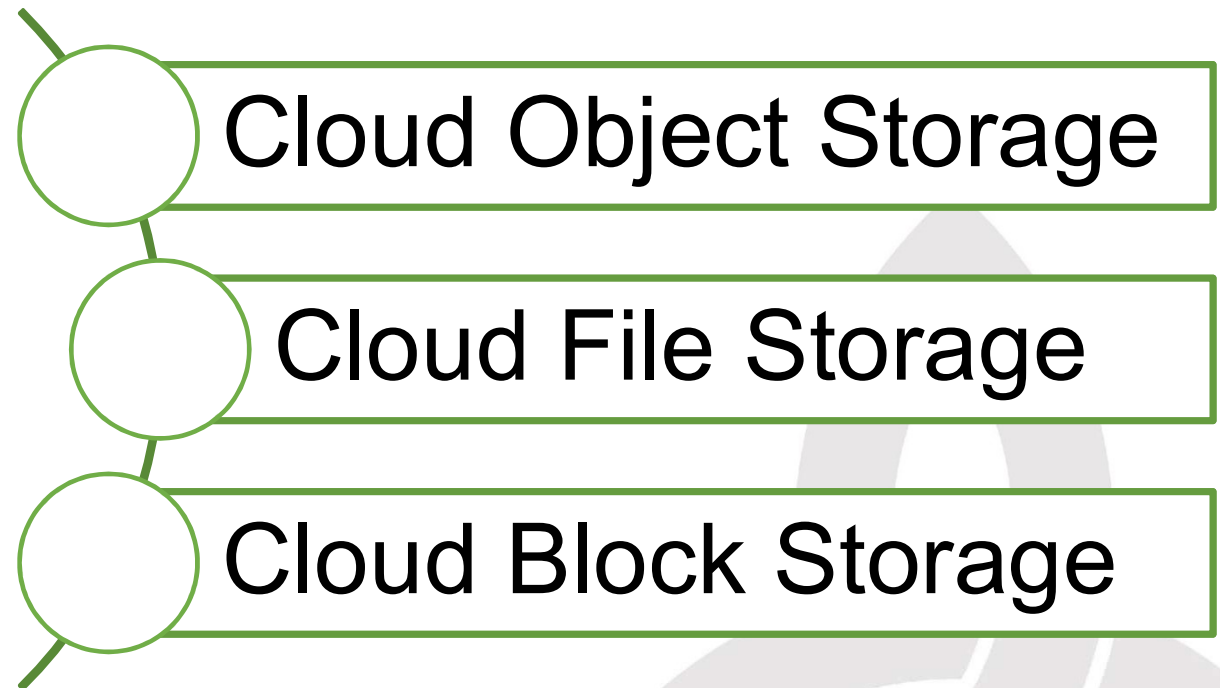
CVM



Network Resources



Storage Resources



Database Resources



관계형



TDSQL



SQL Server



PostgreSQL



MySQL

비관계형



CRS



Mongo DB



HBase



CMEM

NewSQL

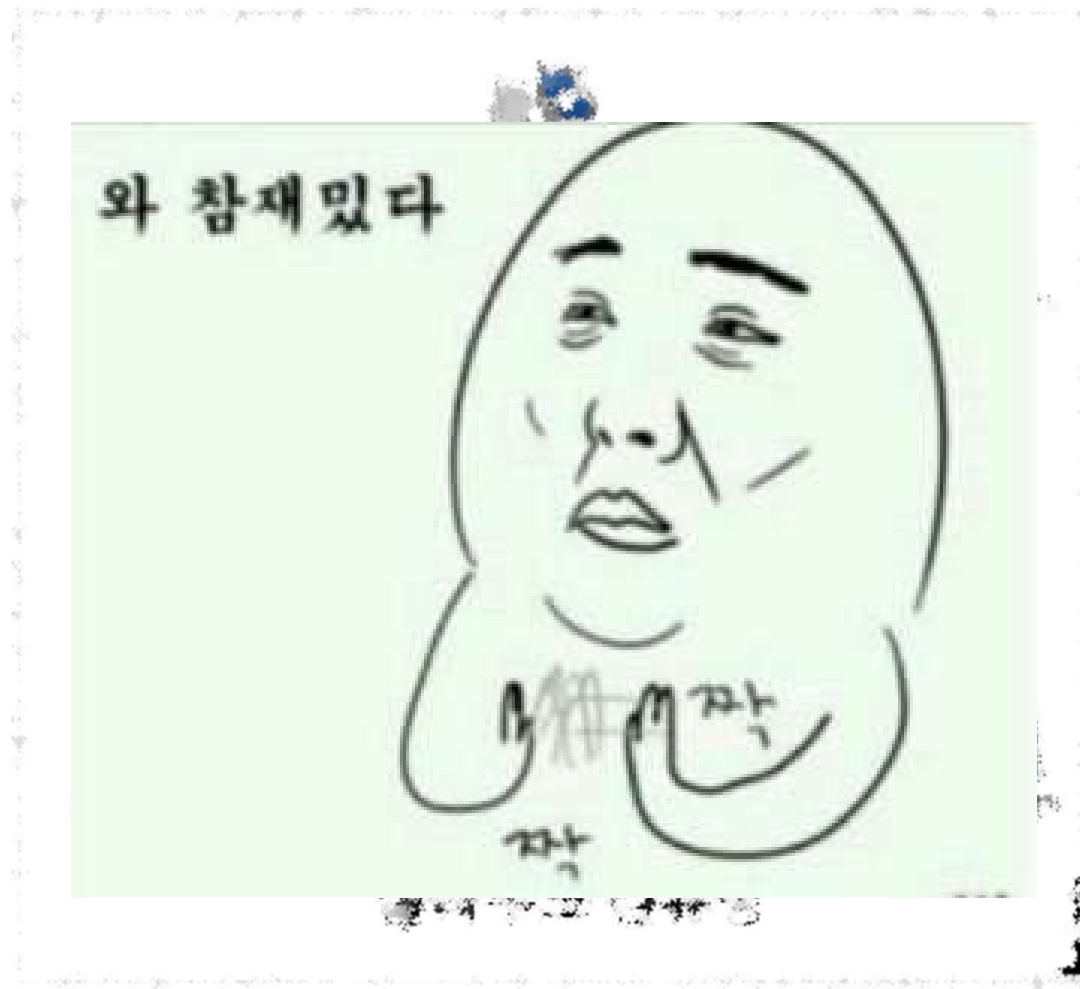


DCDB



TiDB

마무리...



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Thank you