2019 IBM Cloud
用戶實作課程 秋季班

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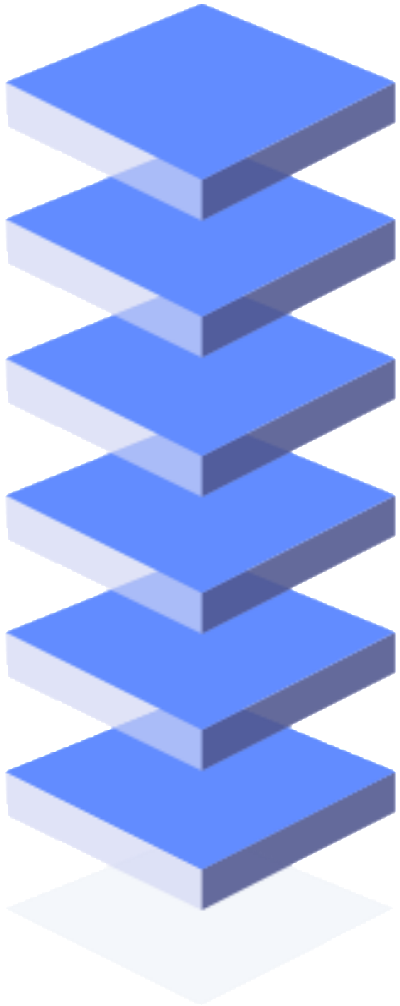
IBM Cloud 架構設計說明

IBM Cloud Unit
雲端專家
馮建國 (Gordon)

IBM Cloud Platform



Console

Identity and access management

Catalog

Search and Tagging

Provisioning layer

Resource controller and Resource manager

Billing

Unified account management, Pricing, Metering collector, Usage reports

IBM Architecture center

https://www.ibm.com/cloud/garage/architectures

Multicloud

Explore architectures that provide multicloud solutions.

Private cloud
Leverage the benefits of the public cloud with enterprise control.

Public cloud
Use public cloud to solve real-world problems.

Multicloud management
Automate and manage your multicloud and multivendor infrastructure.

Built for AI

Explore architectures that focus on AI solutions.

AI
Gain business advantage by unlocking new intelligence from structured and unstructured data.

Data and analytics
Store, analyze and report on data by using analytic engines to drive actionable insights and visualization.

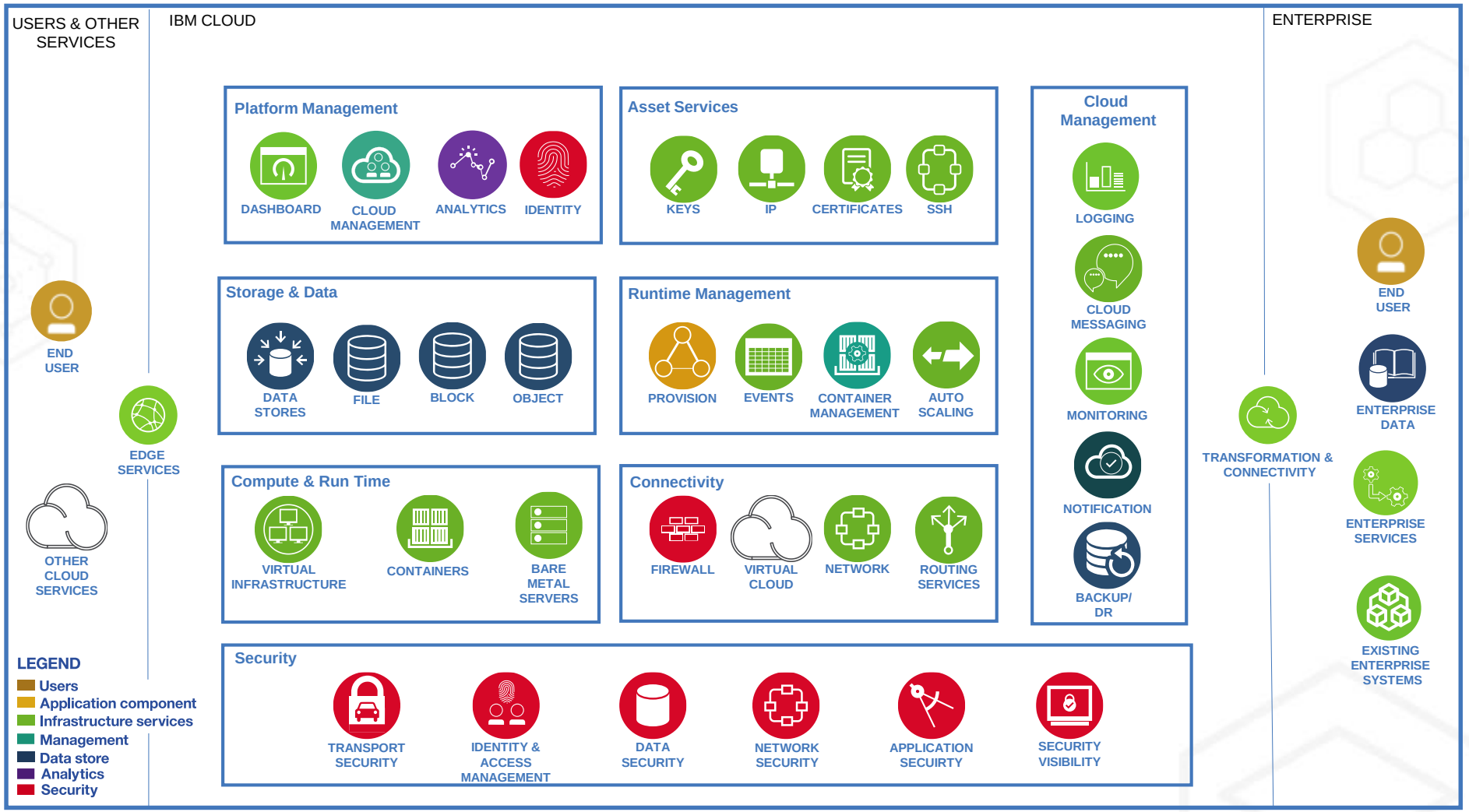
Popular application styles

Build a specific type of application that is functionally constrained by the problem you're solving.

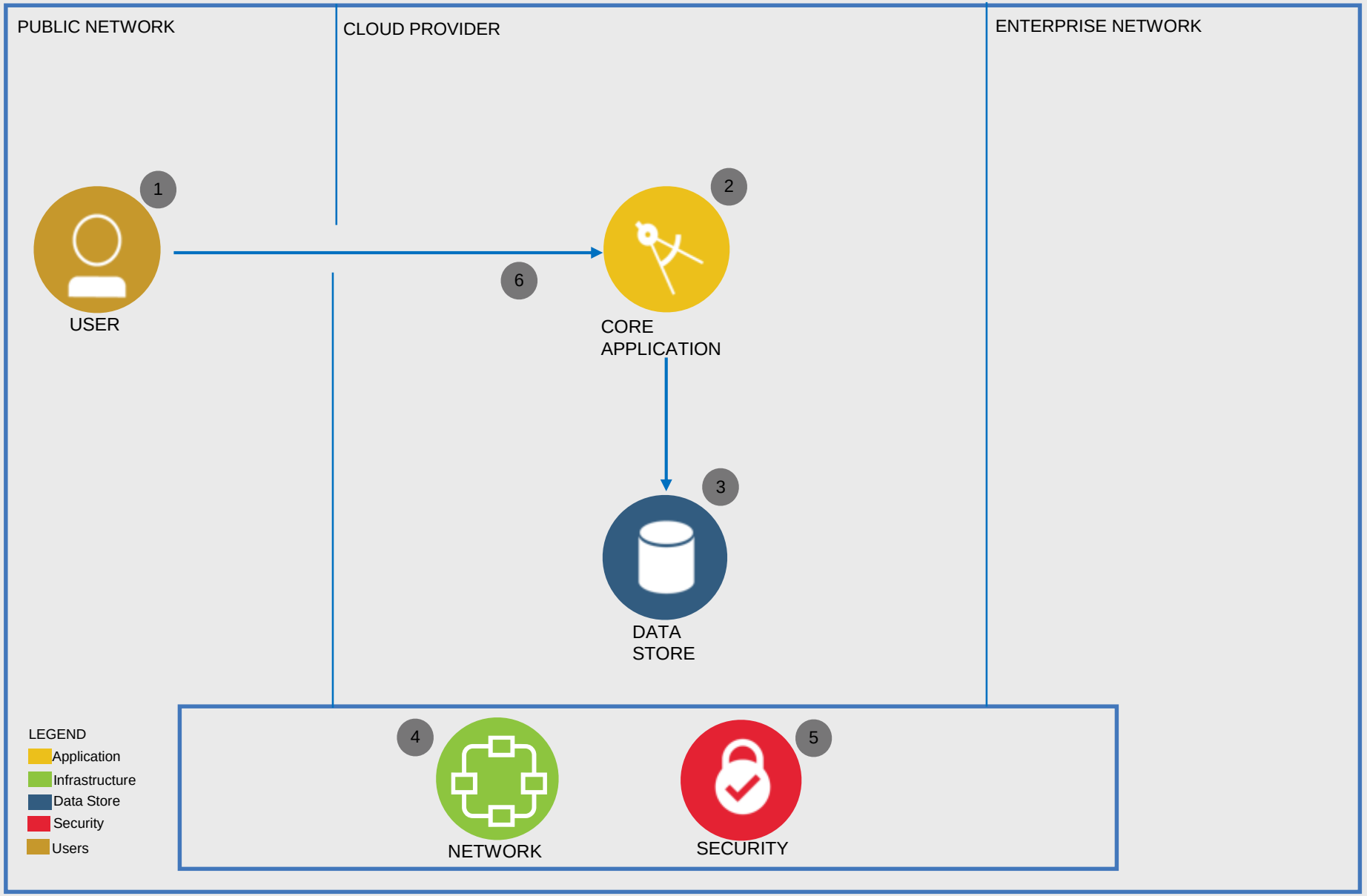
Microservices
Take a cloud-native approach to building mobile and web applications with a microservices architecture.

Web applications
Quickly gain the experience and confidence to build and deploy web applications in the cloud.

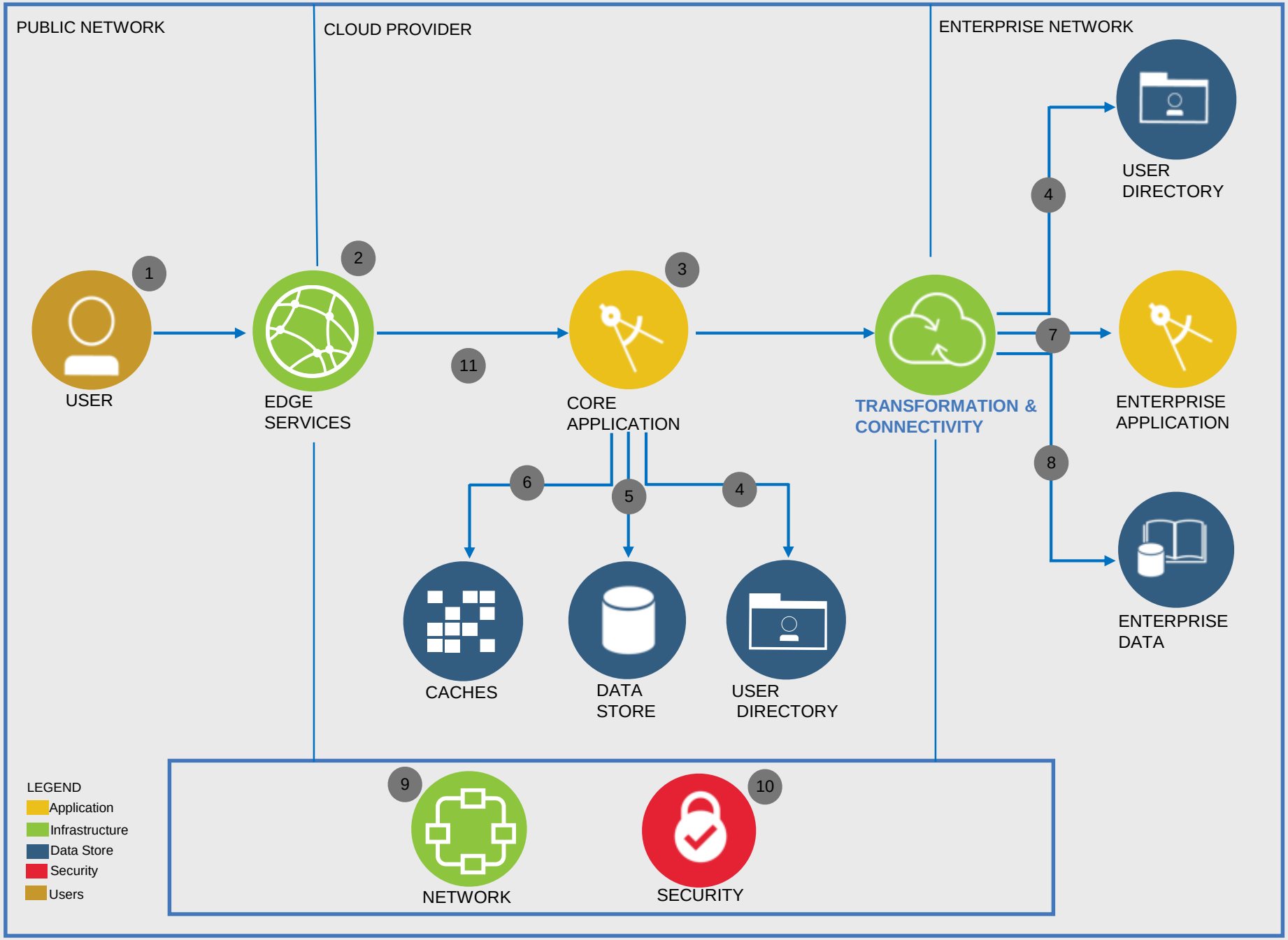
Blockchain
Record a history of transactions in a shared, immutable ledger for transactional applications.


USERS & OTHER SERVICES
IBM CLOUD
ENTERPRISE
END USER
EDGE SERVICES
OTHER CLOUD SERVICES
Platform Management
DASHBOARD
CLOUD MANAGEMENT
ANALYTICS
IDENTITY
Asset Services
KEYS
IP
CERTIFICATES
SSH
Cloud Management
LOGGING
CLOUD MESSAGING
MONITORING
NOTIFICATION
BACKUP/ DR
Storage & Data
DATA STORES
FILE
BLOCK
OBJECT
Runtime Management
PROVISION
EVENTS
CONTAINER MANAGEMENT
AUTO SCALING
Compute & Run Time
VIRTUAL INFRASTRUCTURE
CONTAINERS
BARE METAL SERVERS
Connectivity
FIREWALL
VIRTUAL CLOUD
NETWORK
ROUTING SERVICES
Security
TRANSPORT SECURITY
IDENTITY & ACCESS MANAGEMENT
DATA SECURITY
NETWORK SECURITY
APPLICATION SECUIRTY
SECURITY VISIBILITY
TRANSFORMATION & CONNECTIVITY
END USER
ENTERPRISE DATA
ENTERPRISE SERVICES
EXISTING ENTERPRISE SYSTEMS
LEGEND
Users
Application component
Infrastructure services
Management
Data store
Analytics
Security

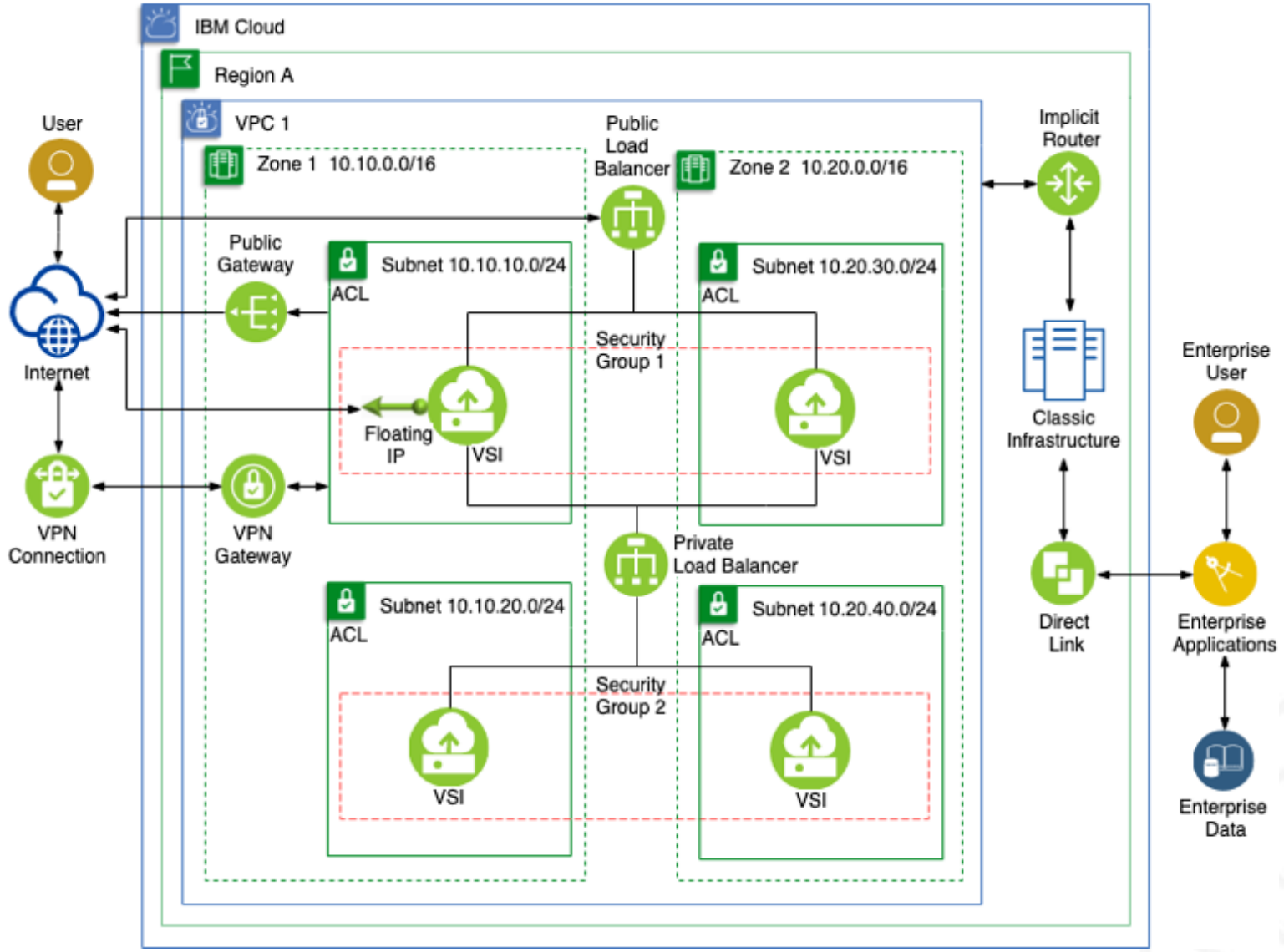
Advanced Web application basic reference architecture



Advanced Web application advanced reference architecture



IBM Cloud VPC Overview



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THANK YOU