Blockchain as a service (BaaS)

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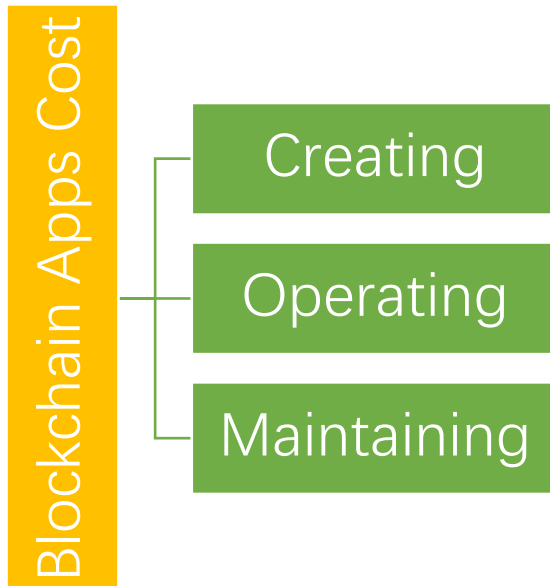
Introduction

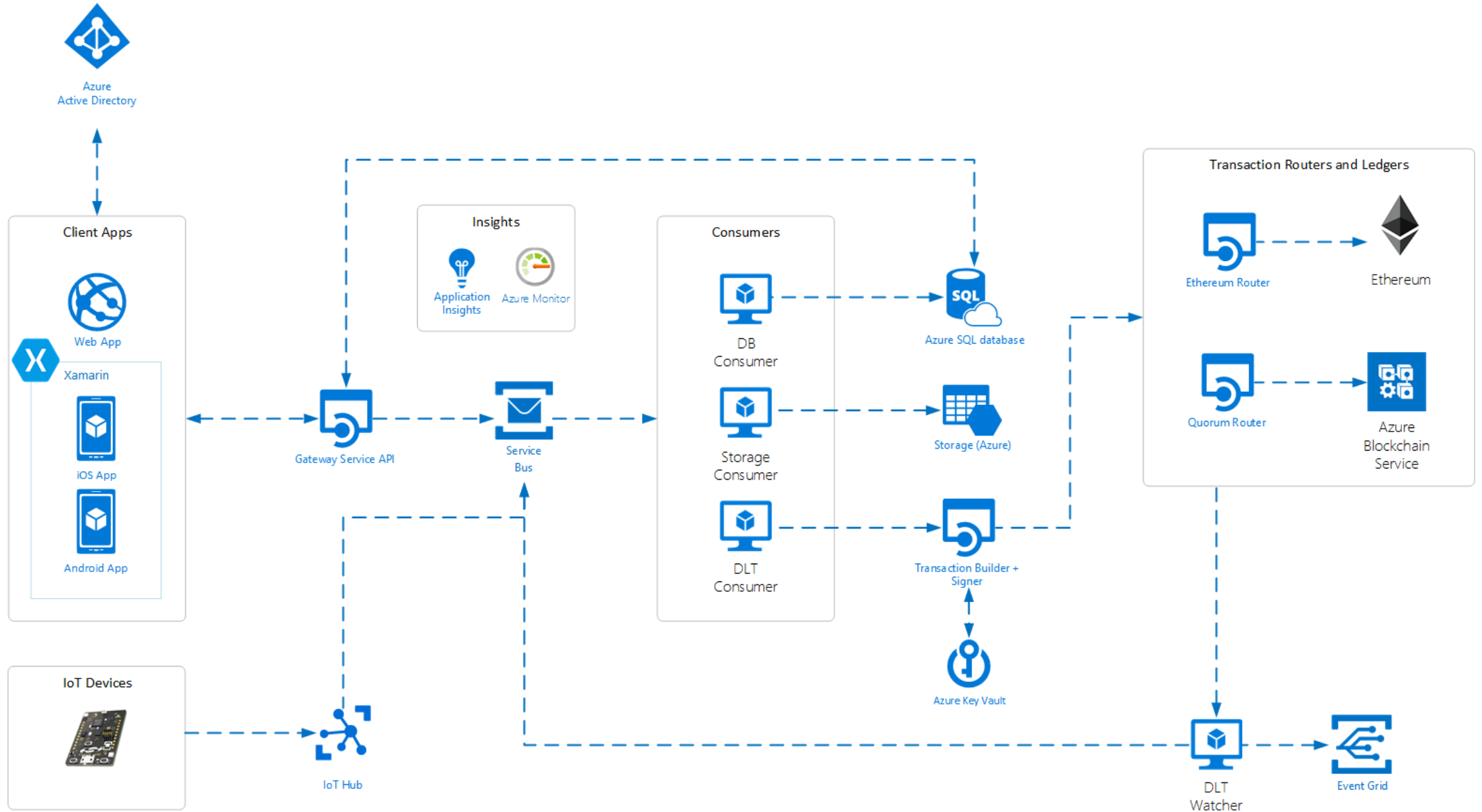## What is Blockchain as a service (Baas)?

Blockchain?

Blockchain is a Decentralized distributed database

Blockchain as a service (BaaS) is a blockchain service offering that allows customers to use cloud-based services to develop, use and host their blockchain apps, functions and smart contracts.
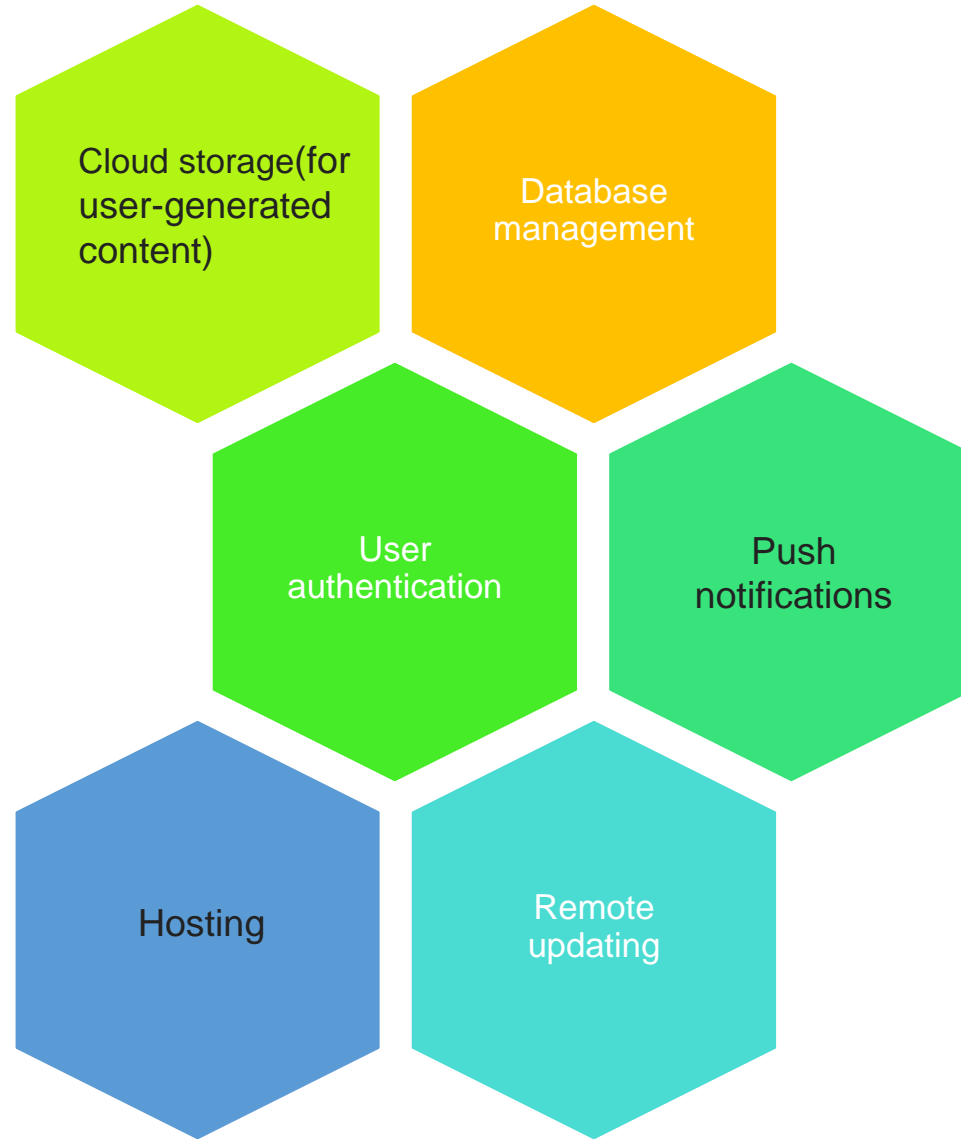

Blockchain Apps Cost

- Creating
- Operating
- Maintaining

Why Blockchain as a service (Baas) should be exist?

How does BaaS work?

Functions

build, run, and manage applications across
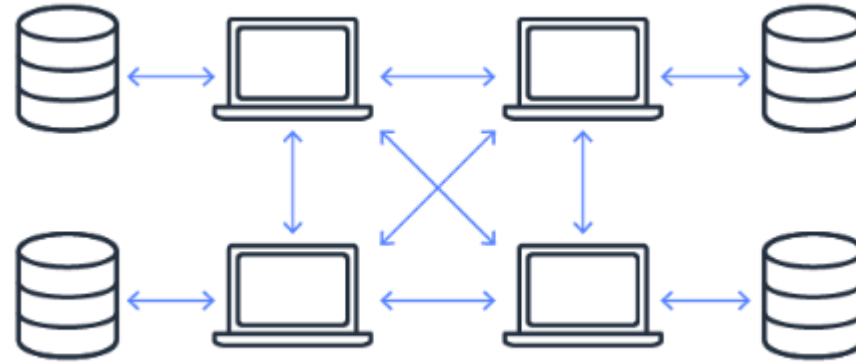multiple clouds

a fully managed service

https://aws.amazon.com/managed-blockchain/

services

Amazon Quantum Ledger
Database (QLDB)

Amazon Managed Blockchain

aws partner network

AWS Blockchain Partners

Faced with a variety of BaaS platforms, how do we choose?

Image source:
https://www.verifiedmarketresearch.com/product/banking-as-a-service-baas-market/

- Integrate business logic into blockchain solutions

- Permissioned networks allow users to access specific information or layers

Smart Contracts Integration

IAM(Identity Access Management) Platforms

Different Runtimes and Frameworks

High-speed configuration service

- Make sure to choose a BaaS that supports various runtimes and frameworks.

- Deal with a large number of access requests and large data transfers

Cost Analysis: BaaS Offerings and Self-Hosted Blockchains

Self-hosted blockchain applications often mean high costs

Choose blockchain applications hosted in the cloud and only pay for the service units used

Conclusion

Blockchain-as-a-Service is a promising product that solves the challenges faced by many enterprises using blockchain in a managed way. In the future, this service will be chosen by more and more enterprises

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6. What is Blockchain as a Service? (BaaS) and How to Select the Right BaaS Platform? | by LeewayHertz | HackerNoon.com | Medium

Q&A