

Blockchain as a service (BaaS)

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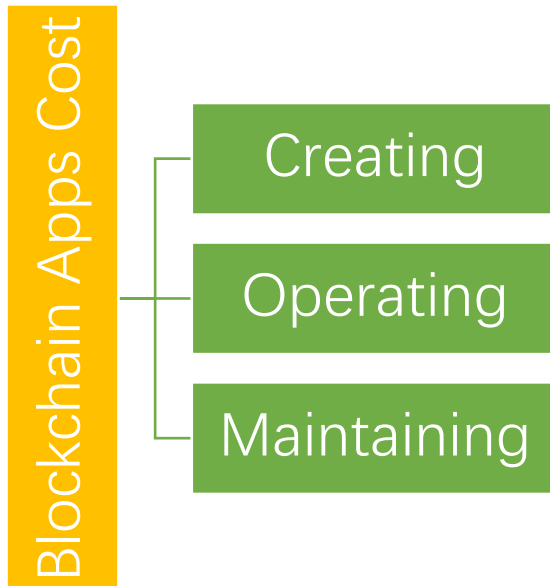
Introduction

What is Blockchain as a service (Baas)?

Blockchain?

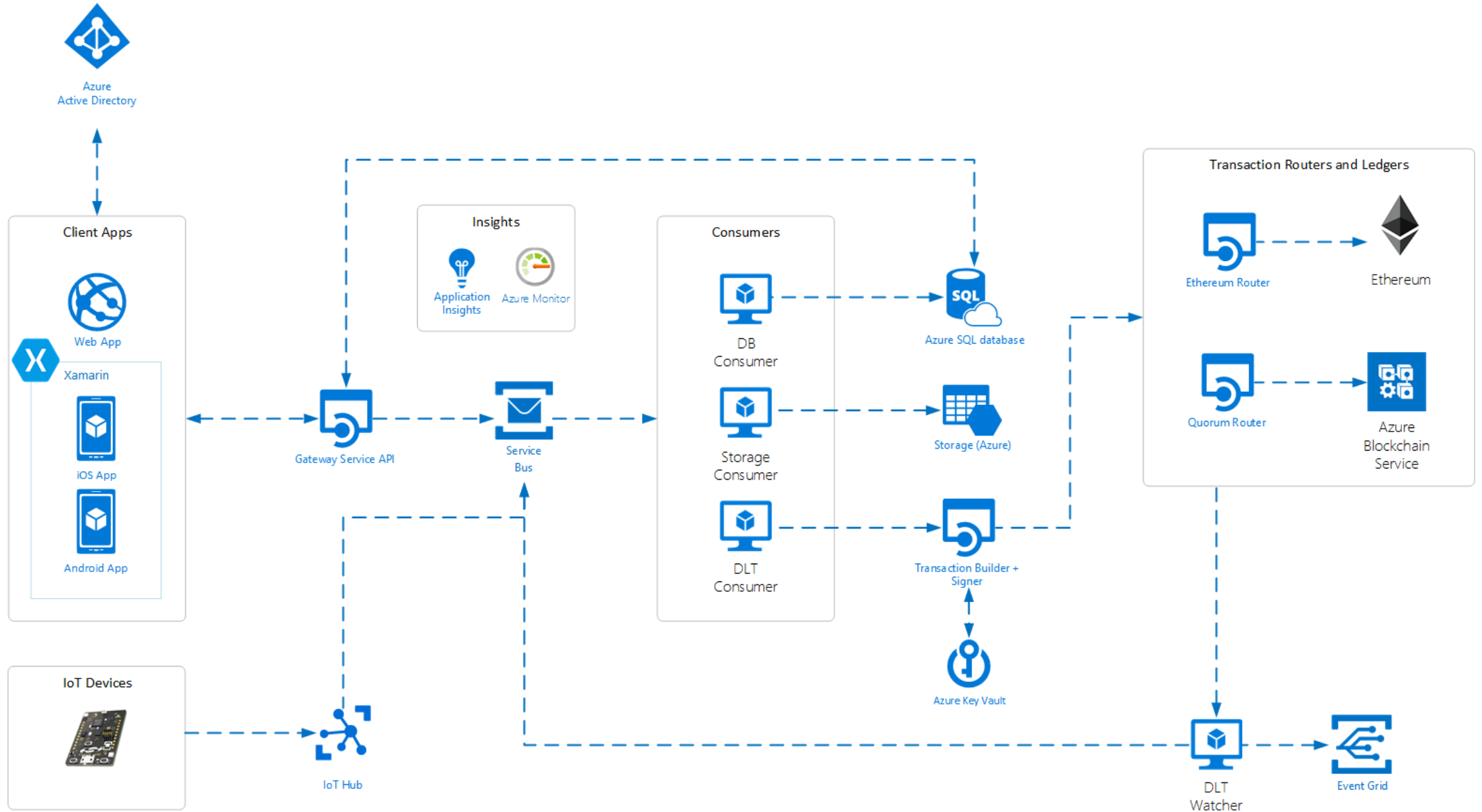
Blockchain is a Decentralized distributed database

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.

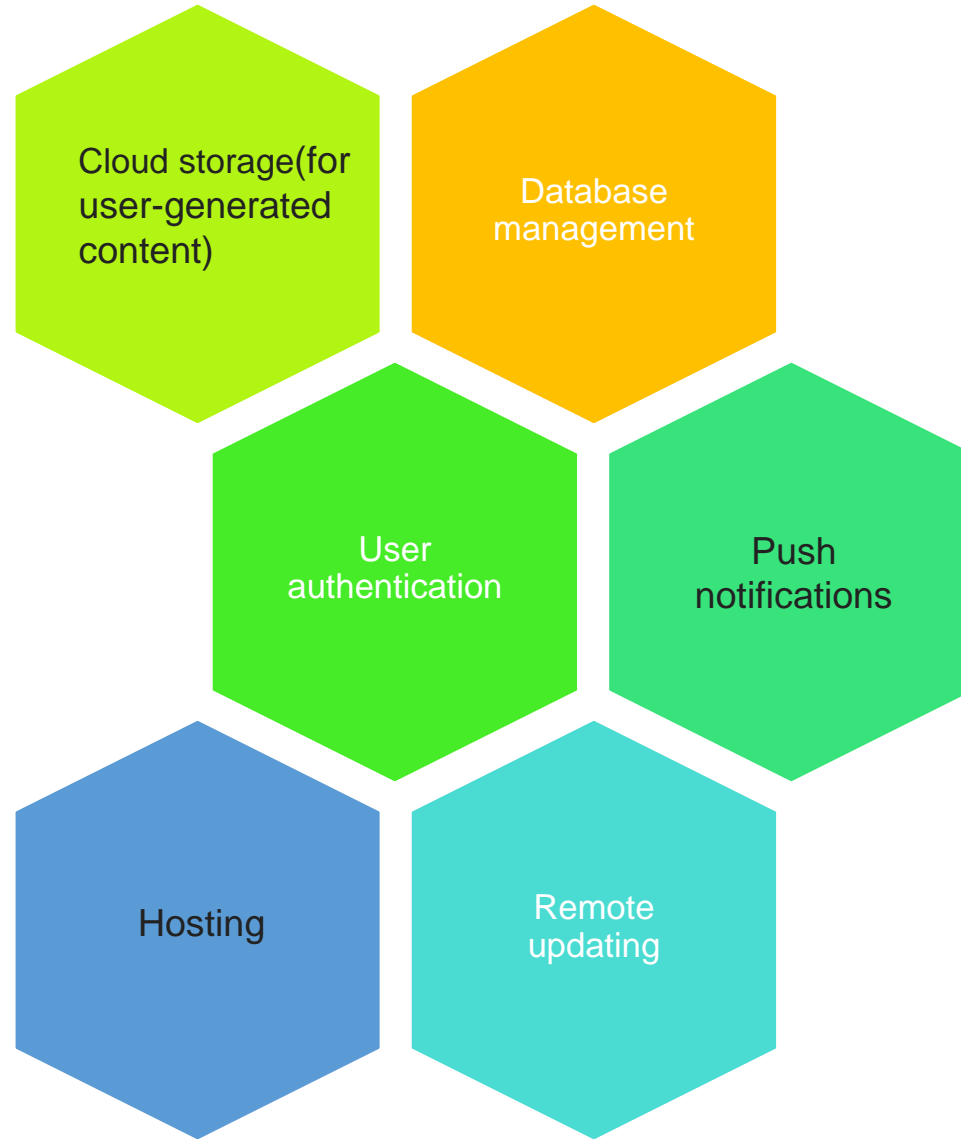


Why Blockchain as a service (Baas) should be exist?

How does BaaS work?



Functions





Microsoft

build, run, and manage applications across
multiple clouds

<https://azure.microsoft.com/en-au/>





a fully managed service

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

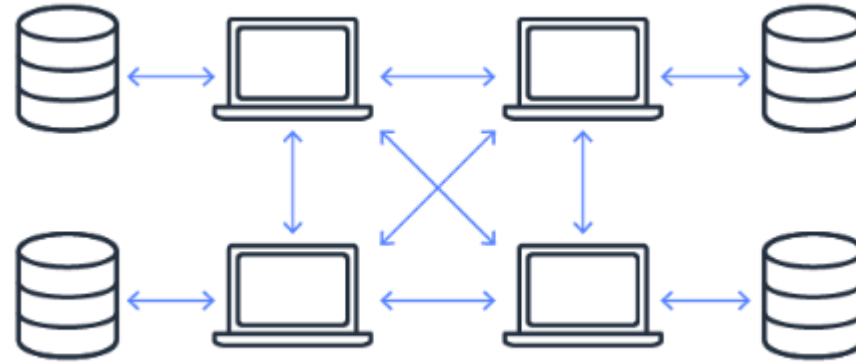
Blockchain on AWS

Enterprise blockchain made real

services



Amazon Quantum Ledger
Database (QLDB)



Amazon Managed Blockchain



AWS Blockchain Partners

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

BaaS - myChain

Ant Group proprietary financial technology with patented advanced Blockchain functionality and features.

Product Overview

myChain provides trusted and secure services with high throughput to our customers through BaaS (Blockchain as a Service). Ant Group Blockchain BaaS is a cloud service that has supported lots of real-world applications as well as data traffic on the blockchain. Through this platform, Ant Chain can provide convenient services for enterprises and individuals around the world and bring more equal opportunities.



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Get Started



Image source:

<https://www.verifiedmarketresearch.com/product/banking-as-a-service-baas-market/>

- Integrate business logic into blockchain solutions

Smart
Contracts
Integration

IAM(Identity
Access
Management)
Platforms

- Permissioned networks allow users to access specific information or layers

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

Different
Runtimes and
Frameworks

High-speed
configuration
service

- 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



References:

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5. <https://docs.microsoft.com/en-us/azure/blockchain/workbench/architecture>
6. [What is Blockchain as a Service? \(BaaS\) and How to Select the Right BaaS Platform? | by LeewayHertz | HackerNoon.com | Medium](#)

Q&A