



# Infosys and AWS Blockchain Battlecard

## Amazon Managed Blockchain and Quantum Ledger Database

In collaboration with



Amazon Managed Blockchain (AMB) is a fully managed service that makes it easy to join public networks or create and manage scalable private networks. The service uses the open-source frameworks [Hyperledger Fabric](#) and [Ethereum](#). This eliminates the overhead required to create the network or join a public network and automatically scales to support thousands of applications running millions of transactions.

Amazon Quantum Ledger Database (QLDB) is a fully managed ledger database that provides a transparent, immutable, and cryptographically verifiable transaction log owned by a central trusted authority. QLDB tracks every application data change and maintains a complete and verifiable history of changes over time.

## Target Market and Key Audience



### Key Industries

- Broad adoption across virtually every segment, geography, and company size
- Insurance / financial services
- Entertainment
- Gaming
- Supply chain management



### Use Cases

- Track and trace
- Supply chain
- Retail
- Trading and asset transfer
- Store financial transactions
- Digital records
- NFT / metaverse



### Content Supply Chain Optimization

- IT management (CIO, CTO, VP of IT)
- LOB leaders
- Applications / IT development / engineering and DBAs

## Challenge

Blockchain technology solves a wide range of business problems by enabling the creation of trusted networks without requiring a trusted, central authority. But existing blockchain solutions are plagued with issues that make adoption challenging:

- Setting up blockchain solutions requires specialized technical skills.
- Scaling traditional blockchain solutions is time consuming and complex.
- Self-managing blockchain networks is extraordinarily challenging.
- Blockchain solutions can be prohibitively expensive.
- Onboarding organizations and achieving consensus is difficult.

## Key Benefits

Infosys blockchain solutions built on AWS offer numerous benefits:

- Reduce development time and simplify setup and management of blockchain networks.
- Scale rapidly leveraging our AWS-based solutions as your ecosystem grows.
- Leverage the support of Infosys blockchain experts to maintain your blockchain network over time.
- Enjoy flexible and pay-as-you-go pricing of software and infrastructure costs based on configuration.



## Value Proposition

Infosys is helping clients create reliable, trusted, and sustainable ecosystems for their businesses. We are driving enterprise-wide adoption of blockchain-powered business networks across industries by building meaningful commercial/incentive models for all stakeholders in the ecosystem.

### Infosys blockchain solutions are:

- **Fully managed** so you can configure and deploy a blockchain network in minutes
- **Open source** based on Hyperledger Fabric and Ethereum with a strong community of developers
- **Easier to govern** with a console and APIs that enable easy addition and removal of network members
- **Reliably and scalably** integrated with AWS for greater scalability, reliability, and durability
- **Low cost** so customers pay only for the resources they use and can cancel them at any time
- **Services-integrated** to be compatible with the AWS service ecosystem

### Features (by category)

#### Consulting/Advisory

- Design thinking-led use case assessment
- Business strategy
- Network adoption
- Regulation and governance
- Economic model(s)

#### Rapid Prototyping

- Prototype delivery
- Innovation labs

#### Build/Test

- Build
- Deployment
- Testing frameworks

#### Development/Maintenance

- Managed networks
- Network testing services
- Cloud deployment

#### Integration

- Enterprise integration
- API and microservices
- Adapter framework

## Key Facts and Figures

# 60%

Reduction in setup time on AMB vs. hosting own Hyperledger Fabric

# 2-3X

Faster transactions with Amazon QLDB vs. traditional frameworks

# 25%

Percentage of Ethereum nodes in the world that run on AWS

## Learn more.

Leveraging Infosys Cobalt, a set of services, solutions, and platforms for enterprises to accelerate their cloud journey, Infosys brings together AWS capabilities needed to drive business and IT priorities through comprehensive cloud offerings, from setting up of the foundational layers to managing the complete infrastructure and application stack. With a suite of AWS services, industry blueprints, and platforms, Infosys has successfully completed hundreds of cloud transformation programs, and enabled enterprises to increase business agility and improve the resilience of IT landscapes.

<https://aws.amazon.com/partners/infosys/>



• Solution Provider  
• Well-Architected Partner Program