IBM Blockchain Platform

Hyperledger Fabric

IBM Blockchain network monitor

Deployment option

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Option	Starter Plan	Enterprise Plan	for IBM Cloud Private	for AWS
What's included	**Basic service levels, development, and testing environment** ✔ **$500 credit equal to approximately 30-day use in default configuration** ✔ One-click setup ✔ Rolling migrations with no network outages ✔ All Hyperledger Fabric features and capabilities ✔ Deploy and run blockchain apps ✔ Multiple organization simulation ✔ Same UI as production plans ✔ Governance tooling ✔ Industry code samples 24x7x365 Support (Fee) ✔ **2 organization and 1 peer per organization**	**Advanced service levels and enterprise production ready environment** ✔ Simple migration from Starter Plan ✔ Industry code samples ✔ Rolling migrations with no network outages ✔ All Hyperledger Fabric features and capabilities ✔ Deploy and run blockchain apps ✔ Advanced secure container technology ✔ Multiple organization simulation ✔ **Fault tolerant ordering service and CA** ✔ **Production environment for mid-size networks** ✔ Governance tooling ✔ **Ability to scale** ✔ **Hardware security module** ✔ 24x7x365 Support (Fee)	**Deployable CA, Orderer, and Peer Helm charts** ✔ Hyperledger Fabric 1.2 features and capabilities ✔ Individual Kubernetes helm charts for Peer (ledger), Certificate Authority and Ordering Service ✔ Documented common deployment patterns ✔ Integration with IBM Blockchain Platform Starter and Enterprise Plans ✔ Ability to deploy the full Hyperledger Fabric network or just a peer (ledger) ✔ **Instance and features of IBM Cloud Private v3.1.0** ✔ **Data can reside behind the firewall** ✔ Compute isolation ✔ Technical Support with Enterprise Edition ✔ Community Edition – Free for exploration, development and testing available through Github	**AWS Quick Start Peer** ✔ Hyperledger Fabric 1.2 features and capabilities ✔ **AWS CloudFormation template for a peer (ledger)** ✔ Compute isolation ✔ Free version is provided with community support only https://aws.amazon.com/ko/quickstart/architecture/ibm-blockchain-platform/
Price plan	$250 per month for the membership fee and $125 per month per peer deployed.	$1000 per month, plus $1000 per month for each peer deployed	Contact IBM for availability and pricing.	Free

IBP

- Activate your Blockchain Network: https://console.bluemix.net/catalog/services/blockchain

- Dashboard: https://console.bluemix.net/dashboard/apps

- Tutorial
  - IBM Blockchain 101: https://developer.ibm.com/tutorials/cl-ibm-blockchain-101-quick-start-guide-for-developers-bluemix-trs/
  - Deploy a sample application to the IBM Blockchain Platform Starter Plan: https://developer.ibm.com/tutorials/cl-deploy-fabcar-sample-application-ibm-blockchain-starter-plan/
  - Code Patterns: https://developer.ibm.com/patterns/category/blockchain/

- IBM Blockchain Platform documentation: https://cloud.ibm.com/docs/services/blockchain/index.html#ibm-blockchain-platform

- IBM Blockchain Platform Extension for VSCode: https://marketplace.visualstudio.com/items?itemName=IBMBlockchain.ibm-blockchain-platform

- Swagger API: https://ibp-sp.au-syd.ibm-blockchain-5-prod.cloud.ibm.com/api-docs/

- Solutions (Use cases)
  - IBM Food Trust™: trust and transparency for our food
  - IBM Blockchain World Wire: clearing and settlement of payments in seconds
  - TradeLens: delivering greater supply chain visibility
  - IBM Blockchain Trusted Identity: decentralized identity management

Metrics

- 지원하는 Consensus Algorithm (예. Hyperledger, Ethereum etc)
- 속도 및 성능 (예. TPS)
- IDE 제공 유무 (예. Workbench, Sendbox)
- API, SDK 제공 여부
- 비용 구조
- 다른 서비스 Integration 가능 유무 (인증, 빅데이터 등)
- 추가 제공 서비스 (예. Contract 보안 점검)
- Use Cases (Major Clients)