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RESEARCH

BigTech Battle: Assessing Managed Blockchain Platform Readiness for Enterprise Use – Gearing Up for the Adoption Wave

Digital Services
Market Report – December 2019: Complementary Abstract / Table of Contents

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- Workshops

Custom research capabilities

- Benchmarking | Pricing, delivery model, skill portfolio
- Peer analysis | Scope, sourcing models, locations
- Locations | Cost, skills, sustainability, portfolio – plus a tracking tool
- Tracking services | Service providers, locations, risk
- Other | Market intelligence, service provider capabilities, technologies, contract assessment

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Background, scope, and methodology for assessing readiness of managed blockchain platforms for enterprise use

- Blockchain technology is moving beyond the hype phase, where it had captured the attention of visionaries, technologists, government workers, and enterprises alike, signaling readiness for use at scale . Blockchain has been adopted widely across industries, with projects moving from Proofs of Concepts (POCs) to deployment

- Enterprises are betting big on blockchain technology and are actively looking for easy ways to understand, prototype, and deploy blockchain-based solutions. Although open source blockchain frameworks have exploded in popularity in recent years, many enterprises today are looking for mature and deployment-ready solutions that are easy to adopt, maintain, and manage, presenting an interesting market opportunity for vendors to build service-focused platforms on top of such frameworks

- This report explores the managed blockchain market and assesses 12 players on their capabilities, enterprise readiness, and potential impact

Scope of this report

Industry
All industries implementing blockchain

Market segment
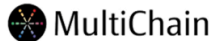Managed blockchain platform

Geography
Global

Sources
- Everest Group's proprietary service provider intelligence database, enterprise discussions, and public disclosures
- Service provider briefings and discussions

Service providers covered in the analysis

Alibaba Cloud — Official Cloud Services Partner

JELURIDA

aws

burst iQ

Hewlett Packard Enterprise

IBM

MultiChain

Microsoft Azure

ORACLE

SAP

sovrin

vmware

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Everest Group's definition of managed blockchain platforms

Applications
- Decentralized applications
- User interfaces

Value-added services
- Interoperability and APIs
- Identity services
- Governance
- Oracle services
- Smart contract templates
- Digital assets and tokens
- Reusable business use cases
- External data and system connectors

Core features and framework management
- Consensus and validation
- Messaging and protocol
- Smart contracts
- Token management system
- Ledger management service
- Streaming service

Infrastructure
- Storage node
- Cloud node

Managed blockchain platforms

Managed blockchain platform players assessed
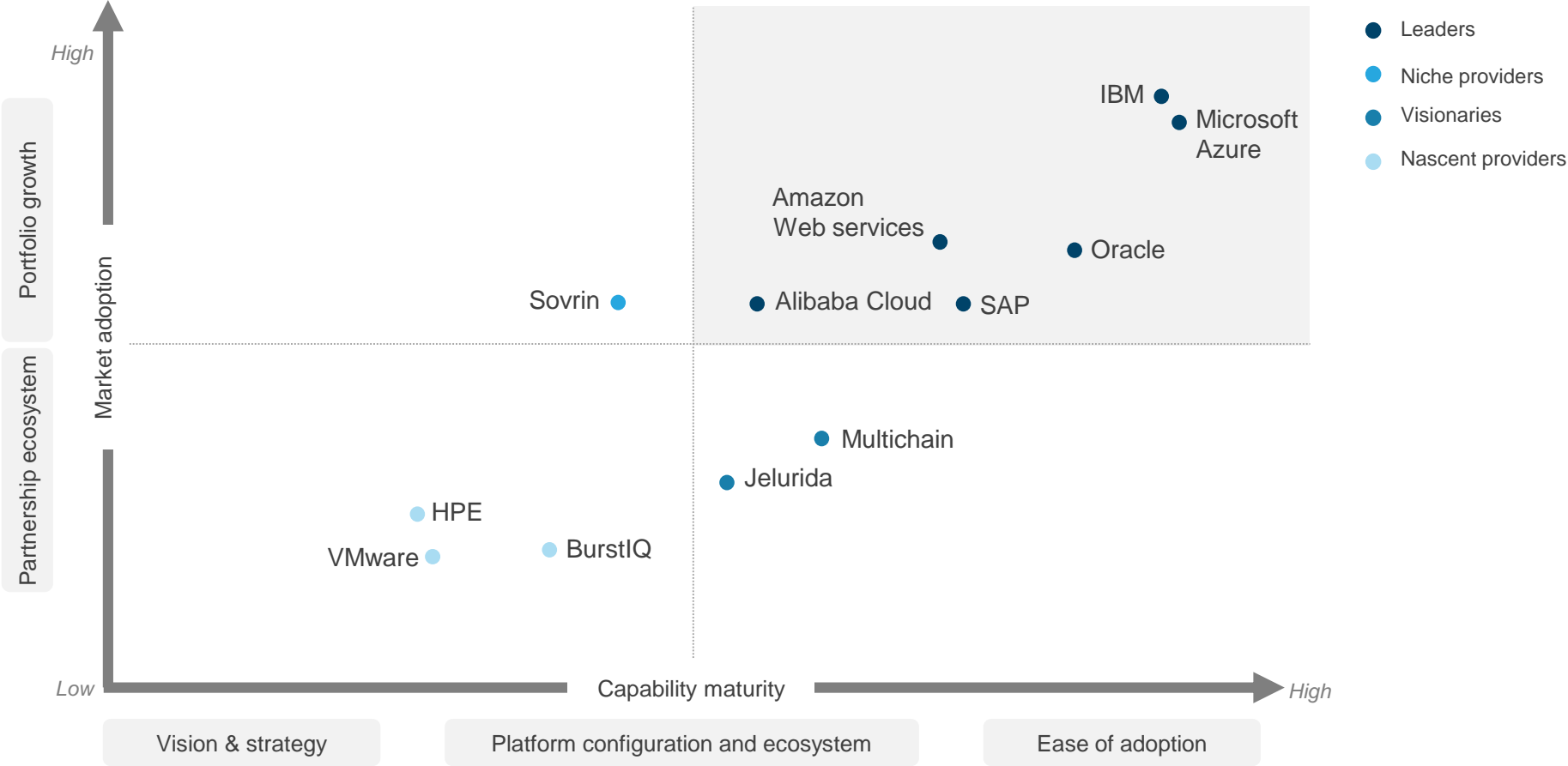
Alibaba Cloud — Official Cloud Services Partner	aws	Microsoft Azure	burst iQ
Alibaba Cloud Blockchain-as-a-Sevice	AWS Managed Blockchain AWS Quantum Ledger Database AWS Blockchain Templates	Azure Blockchain Service Azure Blockchain Workbench Azure Cosmos DB	BurstIQ Lifechain BurstIQ Burstchain
Hewlett Packard Enterprise	IBM	JELURIDA	MultiChain
HPE Mission Critical DLT	IBM Blockchain Platform	Ardor platform Ardor Blockchain-as-a-Service	Multichain Enterprise
ORACLE	SAP	sovrin	vmware
Oracle Blockchain Platform	SAP Cloud Platform Blockchain service SAP HANA Blockchain Service	Sovrin network	VMware Blockchain

Platform vendors that offer holistic and comprehensive solutions in addition to driving ecosystem collaboration lead the pack

Enterprise readiness assessments of managed blockchain platforms based on capability maturity and market adoption

- Leaders
- Niche providers
- Visionaries
- Nascent providers

High

Portfolio growth

Partnership ecosystem

Market adoption

Low

IBM

Microsoft Azure

Amazon Web services

Oracle

Sovrin

Alibaba Cloud   SAP

Multichain

Jelurida

HPE

VMware   BurstIQ

Capability maturity   High

Vision & strategy

Platform configuration and ecosystem

Ease of adoption

Note: Assessment for Microsoft Azure, Amazon Web Services, Alibaba Cloud, SAP, HPE, and VMware excludes platform vendor inputs, and is based on Everest Group's proprietary database, public disclosures, and interactions with enterprises and blockchain system integrators. For these companies, Everest Group's data for assessment may be less complete

Source:Everest Group (2019)

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Everest Group has assessed 12 managed blockchain platform vendors to understand their readiness for enterprise use

Research calendar – Digital Services

Flagship Digital Services reports	Release date
Digital Services – Annual Report 2018: Future Operating Model to Scale Digital	July 2018
IoT Services Annual Report 2018	August 2018
IoT Services PEAK Matrix™ Assessment and Market Trends 2018	December 2018
Digital Services PEAK Matrix™ Assessment and Market Trends 2019	December 2018
Digital Interactive Services PEAK Matrix™ Assessment and Market Trends 2019	Q4 2019
Blockchain Services PEAK Matrix ™ Assessment and Market Trends 2020	Q4 2019
Connected Ecosystem Services PEAK Matrix ™ Assessment and Market Trends 2020	Q4 2019

Thematic Digital Services reports	
Design Thinking: Innovation Catalyst for Digital Transformation	July 2017
Enterprise Bots Adoption	July 2017
BigTech Battle: Leading Internet of Things (IoT) Platforms Assessment – A Selection Guide	October 2018
Customer Experience Trailblazers – Experience Spearheading the Digital Economy	February 2019
BigTech Battle: Digital Experience Platforms Assessment – Rise of the Digital Experience Platform	June 2019
AI Masterclass | Recalibrate Your AI Impact – Insights From 230 AI Use Cases Across Industries	October 2019
BigTech Battle: Assessing Managed Blockchain Platform Readiness for Enterprise Use – Gearing Up for the Adoption Wave	**December 2019**
BigTech Battle: Assessing Enterprise Readiness of Blockchain Frameworks	Q4 2019

Note: For a list of all of our published Digital Services reports, please refer to our website page

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Additional Digital Services research references

The following documents are recommended for additional insight on the topic covered in this report. The recommended documents either provide additional details on the topic or complementary content that may be of interest

1. **Enterprise Guidebook for Blockchain Adoption: A Compilation of Insights from 320+ Blockchain Projects** (EGR-2019-33-R-3095); 2019. In this research, we analyzed 320+ blockchain case studies to understand the blockchain adoption journey for leaders across industries. We also identified more than 90 use cases across 10+ industries offering proof points of blockchain adoption. This report also provides a roadmap for blockchain adoption to enterprise executives leading blockchain initiatives, helping them to extract maximum impact by studying the value currently being delivered and building pragmatic hypotheses on potential value

2. **Blockchain Services PEAK Matrix™ Assessment 2019: Race to Make Enterprise Blockchain Real** (EGR-2018-31-R-2836); 2019. In this research, we assess the vision & capability and market impact generated by 27 service providers for blockchain services capabilities. These providers were mapped on the Everest Group PEAK Matrix™, which is a composite index of a range of distinct metrics related to each provider's vision & capability and market impact to identify Leaders, Major Contenders, and Aspirants

3. **Blockchain: Is It the Silver Bullet?** (EGR-2018-27-V-2567); 2018. Analyzes high-potential use cases for blockchain – the major ones in banking and financial services include trade finance, KYC, syndicated loans, and corporate action

4. **Unblocking Blockchain Adoption – A Prioritization Framework for Business Processes** (EGR-2017-3-V-2418); 2017. In this research, we lay out a prioritization framework that is intended to assist enterprises as they navigate the tricky terrain of blockchain in business processes

For more information on this and other research published by Everest Group, please contact us:

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About Everest Group

Everest Group is a consulting and research firm focused on strategic IT, business services, and sourcing. We are trusted advisors to senior executives of leading enterprises, providers, and investors. Our firm helps clients improve operational and financial performance through a hands-on process that supports them in making well-informed decisions that deliver high-impact results and achieve sustained value. Our insight and guidance empower clients to improve organizational efficiency, effectiveness, agility, and responsiveness. What sets Everest Group apart is the integration of deep sourcing knowledge, problem-solving skills and original research. Details and in-depth content are available at www.everestgrp.com.

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