## J.P. Morgan Chase & Co. (JPMorgan) — Educational **Summary & Its** Alignment with Cryptocurrency Technology

### 1. Company Overview

- J.P. Morgan Chase & Co., headquartered in New York City, is one of the largest banking and financial services institutions in the world.
  - Its business spans investment banking, commercial banking, asset management, treasury & securities services, and consumer &

- community banking.
- Over the past several years, JPMorgan has been increasingly active in blockchain and digitalasset infrastructure, even as its leadership has expressed caution about public cryptocurrencies.

# Core Technologies & Strategic Units Related to Crypto/

### Blockchain

- Onyx by J.P. Morgan (formerly the "Blockchain and Digital Assets" unit): This is the business unit focused on tokenization, blockchain infrastructure, and digital asset solutions for institutional clients.
- JPM Coin: Launched in 2019, JPM Coin is a permissioned token

- backed by U.S. dollars designed for institutional settlement among J.P. Morgan clients.
- JPMD (Deposit Token): A newer initiative, a deposit token (pegged to the U.S. dollar) on public-chain environment (e.g., Base) targeted for institutional treasury and cashmanagement use.
  - AlgoCRYPT Center of Excellence: Within J.P.

Morgan's technology division the "AlgoCRYPT CoE" is dedicated to research in cryptography, zero-knowledge proofs, privacy-preserving computation, and privacypreserving blockchains.

# 3. Major Crypto-/ Blockchain Alignments &

### **Activities**

## a) Institutional Settlement Token (JPM Coin)

- JPM Coin allows real-time, blockchain-based fund transfers among institutional clients of J.P. Morgan.
  - It illustrates how a large bank uses tokenization

internally to reduce settlement latency, enhance liquidity, and improve operational efficiency.

# b) Deposit Token Pilot & On-Chain CashManagement (JPMD)

 J.P. Morgan's pilot of its deposit token (JPMD) on a public L2 network (Base) marks its move toward bridging traditional banking-cash systems and public-chain infrastructure.

 This token is intended for institutional clients and aims for near-real-time settlement, interest accrual, and integration of programmable liquidity in a regulated framework.

## c) Crypto Collateral &

#### **Client Services**

- The bank is reported to be planning to accept certain crypto assets (or cryptolinked products) as collateral for financing and lending services.
  - It is expanding trading services into the digital assets domain, though it remains more cautious about direct crypto custody for retail clients.

# d) Regulatory & Strategic Positioning

- Despite past skepticism (for example, CEO Jamie Dimon having called Bitcoin a "fraud" or "pet rock"), J.P. Morgan has gradually shifted strategy to participate in the digitalasset evolution.
- The bank emphasises that its efforts are not purely speculative crypto bets but systems to improve

payments, settlements, tokenisation, and institutional infrastructure across finance and blockchain.

4. Why This Matters in the Cryptocurrency / Blockchain Ecosystem

Bridging TradFi and Web3:

J.P. Morgan's token initiatives illustrate how legacy financial institutions are integrating blockchain technologiesnot just supporting public crypto assets, but building the "rails" for institutional digital-asset infrastructure.

Tokenization &
 Programmable Money: By using deposit tokens and settlement tokens, J.P.

 Morgan is moving toward

"programmable cash" and real-time liquidity management, which are key applications of blockchain in finance.

 Institutional Legitimisation: When one of the largest global banks adopts and deploys tokenised infrastructure, it lends credibility to the idea of digital assets and blockchain-based finance beyond retail speculation.

 Technology & Innovation: The work on privacypreserving computation, zero-knowledge proofs and cryptographic systems positions J.P. Morgan not just as a user of crypto technology, but as a contributor to some

 Regulatory Navigation & Risk Management: By keeping token-initiatives permissioned, regulated

of its underlying research.

and institution-friendly,
J.P. Morgan shows how
crypto/blockchain could
evolve under regulatory
supervision rather than
outside it.

# 5. Limitations, Risks & Considerations

Not fully "open crypto":
 I.D. Morgan's tokons (IDN)

J.P. Morgan's tokens (JPM Coin, JPMD) are

permissioned, controlled by the institution, and differ materially from the decentralised, permissionless cryptocurrencies like Bitcoin.

 Former scepticism: The firm (and its leadership) have expressed strong scepticism about many public cryptocurrencies, which means its crypto strategy is conservative

#### and controlled.

Custody & Retail Access:

While institutional services are advancing, the bank has been slower to offer full retail crypto custody/trading, and has emphasised riskmanagement and regulation.

Regulatory dependency:

Because J.P. Morgan operates under large-bank regulation, many of its

crypto initiatives must align with regulatory frameworks (which may slow innovation compared to DeFi).

 Market volatility & strategic execution:

Blockchain and crypto markets remain volatile and evolving; large firms must handle technology, operational, regulatory, counterparty, and reputational risk when

building digital-asset services.

# 6. Educational Takeaways

 J.P. Morgan's evolution from crypto sceptic to crypto infrastructure builder shows how large financial institutions can adapt to blockchainenabled finance while

- preserving regulatory and operational frameworks.
- Tokenisation (both for settlement and deposits) represents a major frontier for blockchain use in traditional finance beyond speculation—to real operational change in payments, liquidity and capital flows.
- For anyone studying crypto or blockchain, J.P.
   Morgan's work exemplifies

how institutional finance meets Web3: the need for security, compliance, scalability, and integration with legacy systems.

 Understanding the difference between "permissioned tokens used by banks" and "public cryptocurrencies" is critical—both are part of the ecosystem but serve different purposes and risk profiles.

 Future developments to watch include: further rollout of JPMD, acceptance of crypto assets as collateral, expanded tokensettlement networks, and how retail engagement evolves under large financial-institution umbrellas.

Here's a clean, academicstyle citation list for the J.P.
Morgan and
Cryptocurrency Educational
Summary, formatted in
APA 7th Edition style for
clarity and professionalism:

#### Citations

 Alnvest. (2025, October 25). J.P. Morgan's strategy: Capturing the trillion-dollar digital asset market with blockchain and institutional crypto solutions. Alnvest. Retrieved from https:// www.ainvest.com/news/ jp-morgan-strategycapturing-trillion-dollardigital-asset-marketblockchain-institutionalcrypto-solutions-2510

 Business Insider. (2025, January 18). Jamie Dimon renews criticism of Bitcoin, calling it the 'pet rock' of crypto. Business Insider. Retrieved from https://

www.businessinsider.com/ jamie-dimon-bitcoincriticism-crypto-criminalschoice-2025-1

 Investopedia. (2022, November 21). JPMorgan registers trademark for crypto wallet. Investopedia. Retrieved from https:// www.investopedia.com/ jpm-crypto-wallet-6831467 J.P. Morgan. (n.d.). AlgoCRYPT Center of Excellence. J.P. Morgan Technology & Innovation. Retrieved 2025, from https://

www.jpmorgan.com/
technology/artificialintelligence/initiatives/
algocrypt-center-ofexcellence

 MEXC Global. (2025, April 12). J.P. Morgan's new phase in crypto strategy: From closed trials to onchain openness. MEXC Learn. Retrieved from https://www.mexc.fm/en-TR/learn/article/ jpmorgans-new-phase-incrypto-strategy-fromclosed-trials-to-on-chainopenness/1

 Tekedia. (2025, March 4). J.P. Morgan moves to accept Bitcoin and Ethereum as loan collateral: A major step for institutional crypto integration. Tekedia. Retrieved from https:// www.tekedia.com/ jpmorgan-move-to-acceptbtc-and-eth-as-collateral-amajor-step-forinstitutional-cryptointegration

 The Street. (2025, February 11). J.P. Morgan just added 'Holy Grail' to its \$1 billion-per-day crypto network. The Street. Retrieved from https:// www.thestreet.com/

crypto/innovation/ jpmorgan-just-added-holygrail-to-its-1-billion-per-day-

#### crypto-network

Wikipedia. (2025). JPM
 Coin. In Wikipedia: The
 free encyclopedia.
 Retrieved November 2025,
 from https://
 en.wikipedia.org/wiki/
 JPM\_Coin