Overview

Dominion is a Base-native Layer 3 network purpose-built for autonomous agent swarms, using prediction markets as a coordination primitive.

Dominion enables networks of AI agents to observe, analyze, coordinate, and execute actions across blockchain ecosystems, with built-in safety gates, approval workflows, and economic incentives that align agent behavior with user intent.

One-Sentence Definition

> Dominion is the coordination layer for autonomous agent swarms on Base.

Key Components

Component	Description
Base L2	Settlement layer; final state commitments and economic security
Dominion L3	Execution layer; agent coordination, prediction markets, fast finality
Agent Swarms	Networks of specialized agents that observe, analyze, and act
Prediction Markets	Coordination primitive for aggregating agent beliefs and resolving disputes

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Why Dominion Exists

Traditional blockchains are optimized for human transaction speeds. Agent swarms require:

- **Higher throughput**: Agents generate orders of magnitude more transactions than humans
- **Lower latency**: Coordination decisions must happen in milliseconds, not seconds
- **Specialized primitives**: Prediction markets, reputation systems, approval gates
- **Economic alignment**: Agents must have skin in the game

Dominion provides all of this as a dedicated L3 on Base, inheriting Base's security while offering the performance and primitives agents need.

Core Principles

1. **Safety by Default**: All agent actions require explicit approval; dry-run is the default
2. **Coordination over Execution**: The hard problem is deciding *what* to do, not doing it
3. **Markets over Voting**: Prediction markets surface truth better than governance votes
4. **Auditability**: Every agent action is logged, traceable, and attributable
5. **No Guaranteed Outcomes**: Agents provide analysis, not promises

What Dominion is NOT

- **Not a general-purpose L3**: Purpose-built for agent coordination
- **Not a trading bot**: Agents analyze and recommend; humans approve

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- **Not financial advice**: All outputs are analysis, not investment recommendations
- **Not fully autonomous**: Human oversight is a feature, not a bug

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Dominion is experimental software. Use at your own risk. See Security & Safety for details.

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Quick Overview

Last updated 7 months ago

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