MCP SERVER | NO CODE | CLOUD HOSTED

OKX MCP

Trade and manage crypto accounts from natural language.

OKX MCP connects your AI agent directly to the OKX exchange, letting you monitor crypto markets and manage trades using natural conversation. Check asset balances, track complex positions across futures and margin accounts, and place immediate market orders—all without leaving your chat window.

F Quality Score 3.6/100

cryptocurrency-trading | portfolio-management | market-data | asset-tracking | margin-trading | api-trading

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/okx

SCAN TO VIEW

The connectivity layer between AI and the world's software.

Vinkius sits between AI and every application. All communication passes through Vinkius Cloud via the Model Context Protocol (MCP) — with governance, observability, and security at every layer.

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the connectivity layer where AI connects to the software your business already runs. We handle the hosting, the security, the credentials, the uptime — you get agents that actually do things.

We operate the world's largest managed MCP catalog. Major SaaS platforms, CRMs, databases, and cloud providers — running, monitored, production-ready. This MCP server is hosted and maintained by the Vinkius Cloud for AI Agents.

> *The agent doesn't manage credentials, doesn't manage uptime, doesn't manage security. Vinkius does.*
>
> — Architecture principle

Four Pillars of the Vinkius Runtime

01 — Security by design

Credentials stay encrypted at rest via AES-256. The AI agent never touches raw keys — they're injected into a sandboxed V8 isolate at runtime. Actions are logged, and connections have an emergency kill switch.

02 — Built on MCP Fusion

This MCP server was built with **MCP Fusion**, the open-source framework (Apache 2.0) that powers the entire Vinkius catalog. Schema-as-firewall strips undeclared fields, compiled PII redaction runs at zero overhead, and cryptographic lockfiles produce git-diffable audit trails.

03 — Deterministic observability

Eight immutable metrics per endpoint: request volume, p95 latency, error rate, active connections, cost attribution. A live payload feed logs every tool call with mutation detection.

04 — Autonomous operations

Servers are deployed, monitored, and patched autonomously. New capabilities and security patches ship weekly. Zero-downtime deployments ensure continuous availability across all managed MCP servers.

AES-256	Ed25519	24h TTL	V8 Isolate
Encryption at rest	PKI vault signatures	Ephemeral session keys	Sandboxed execution

One Token. Instant Access.

Every MCP server on Vinkius is accessed through a **Connection Token**. Tokens are generated in the cloud dashboard and produce a unique MCP endpoint URL. Paste this URL into any MCP-compatible client — no SDK required.

A single token can serve **multiple AI clients simultaneously**, or you can issue separate tokens per client for granular access control. Each token tracks its own request count, last activity timestamp, and can be individually enabled or revoked.

MCP ENDPOINT

```
https://edge.vinkius.com/{token}/mcp
```

Claude · Cursor · VS Code · Windsurf · Grok · Gemini

Security Is the Architecture

Security in Vinkius is not a feature — it's the foundation of the runtime. The gateway enforces multiple independent protection layers between AI agents and third-party APIs.

01 — Ed25519 PKI Vault

Every workspace has an Ed25519 Master Key. Session keys are generated ephemerally (24h TTL) and signed by the Master Key. Credentials never leave the vault boundary.

02 — V8 Isolate Sandboxing

Tool code runs inside isolated-vm V8 isolates with 64 MB memory caps and per-request timeouts. No filesystem access, no network access except through the SSRF-guarded fetch bridge.

03 — SSRF Guard

All outbound HTTP requests are DNS-resolved and validated before execution. Private IP ranges (10.x, 172.16-31.x, 192.168.x, AWS metadata 169.254.x) are blocked at the network layer.

04 — DLP & PII Redaction

A ResponseGuard pipeline intercepts every tool response. Configurable redaction patterns strip sensitive fields (emails, SSNs, card numbers) before data reaches the AI agent.

05 — Cryptographic Audit Trail

Every request is signed into a SHA-256 hash chain with Ed25519 signatures. Events form a tamper-proof, SIEM-exportable forensic record.

06 — Honeytoken Trap System

Phantom credentials are injected into isolated environments. If a honeytoken is used outside Vinkius infrastructure, the server is quarantined instantly.

Emergency Kill Switch

EU AI Act Art. 14(1) Compliant

The kill switch is an **emergency halt** mechanism — not a simple toggle. When triggered, it executes three actions atomically:

01 — Server deactivated

The MCP server is immediately taken offline across the entire cluster.

02 — All tokens revoked

Every connection token is invalidated. Total lockout — reconnection blocked until new tokens are issued.

03 — WebSocket connections killed

Active connections terminated via Redis pubsub broadcast. Propagates to every runtime node in the cluster.

Full Visibility. Zero Guesswork.

The Vinkius cloud dashboard includes a full MCP Governance suite — real-time analytics and security controls for production AI operations.

Control Plane

KPI dashboard with request volume, latency, success rate, token consumption, and AI-generated operational briefings.

Agent Activity

Which AI clients are connecting, how often, and what they're doing — real-time session tracking.

FinOps

Cost tracking per tool, payload compression savings, budget optimization signals, and consumption trends.

Tool Health

Slowest and most error-prone tools, with actionable root-cause insights and performance baselines.

Firewall & DLP

PII redaction activity, sensitive data protection counters, and security event timeline.

Incident Log

Error trends, failure rates, status-code breakdowns, and forensic audit trail access.

> Get started at **cloud.vinkius.com** — connect your AI agent in under 60 seconds.

OKX MCP

6 tools available
Cloud-hosted on Vinkius

This connection lets you treat your cryptocurrency portfolio like a spreadsheet, but talk to it instead of clicking through tabs. You can use the MCP to monitor markets and manage your holdings directly from any compatible AI client. Need to know what assets you have available right now? Ask for your current balances. Want to place a trade? Simply tell your agent the action: buy 0.05 BTC on the spot market, or amend an existing limit order. You can also look up every instrument type available for trading—spot, margin, futures, and more. Whether you're a seasoned trader needing quick risk assessments or just checking your funds before making a deposit, this MCP provides real-time data access and execution capabilities right where you work. Accessing these powerful tools through the Vinkius catalog means you connect once from any of your preferred AI clients and instantly gain control over complex financial workflows.

Core Capabilities

01 — Check current asset balances

Retrieve real-time liquid asset balances, allowing you to filter results by specific currencies.

02 — List available trading instruments

Fetch a list of all crypto pairs and instrument types currently supported for trading on the exchange.

03 — View active account positions

Track your current open trade positions, including details about margin or futures contracts.

04 — Place new trades instantly

Execute market or limit buy/sell orders using specific instrument IDs and desired sizes.

05 — Modify incomplete orders

Change the parameters, like the size or price, of a trade order that hasn't executed yet.

06 — Cancel pending trades

Immediately cancel any open or unexecuted trade orders using their unique ID.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/okx** — connect your AI agent in three steps.

01 Subscribe to the OKX MCP and provide your exchange API Key, Secret Key, and Passphrase.

02 Select this MCP within your AI client's connection menu. Your agent establishes a secure link with OKX.

03 Tell your agent what you need—for example, 'What are my balances?' or 'Place a market buy order for 0.01 ETH.' The agent runs the required tool and gives you the result.

The bottom line is that your AI client acts as the middleman, translating natural language commands into secure API calls to OKX.

Built For

This MCP is built for anyone who deals with crypto trading but hates context switching. If you're a portfolio manager tired of jumping between web dashboards and mobile apps, or a developer needing to test trade logic without writing boilerplate code, this tool saves hours.

Day Trader

Executes multiple trades in a single session by asking the agent to check positions, then place an order, and finally cancel another pending entry.

Crypto Analyst

Quickly checks current asset balances and lists available instruments to determine which new pairs or contracts are viable for research.

Portfolio Manager

Gets a rapid summary of risk exposure across different asset classes by requesting active positions, avoiding manual dashboard data compilation.

What Changes When You Connect

01 Eliminate platform hopping. Instead of jumping between OKX's web portal, mobile app, and spreadsheet to check balances, you simply ask your agent for your current funds using the get_balance tool.

02 Manage complex trades without writing code. You can tell the AI to place a market buy order or amend an existing limit order—it handles the specific parameters of the place_order tool instantly.

03 Instantly assess risk exposure. Get a clear overview of all open positions using get_positions, which is better than manually compiling data from separate futures and margin tabs.

04 Control your orders in real time. If you need to pull back or change an order before it fills, the cancel_order and amend_order tools let you do that with one simple command.

05 Broad market visibility. Use get_instruments to see every available crypto pair for spot, futures, or options trading without manually browsing the exchange's listing pages.

Real-World Applications

Checking funds before a large trade

A user needs to know if they have enough liquid capital before executing a multi-asset strategy. They prompt their agent: 'Show me my current USDT and BTC balance.' The agent uses get_balance, giving the user immediate confirmation without logging into any separate banking or exchange dashboard.

Reacting to market moves

A trader sees a price spike and needs to move fast. They tell their agent: 'Place a limit sell order for 0.1 ETH at $3,500.' The agent uses place_order with the correct parameters, executing the trade instantly.

Auditing open risk

A portfolio manager needs to audit all active risks across different contracts. They ask: 'List all my active futures positions.' The agent runs get_positions and provides a consolidated report of sizes, entry prices, and unrealized PnL.

Correcting an error

A user accidentally placed an order with the wrong size. They prompt: 'Cancel my recent trade on BTC-USDT.' The agent uses cancel_order, preventing a costly mistake before the market moves again.

Patterns to Avoid

Treating it like a static data lookup.

✗ AVOID

Asking the AI to 'list all crypto pairs.' This only gives you instrument names, but doesn't let you check if they are currently tradable or what your balance is for that asset.

✓ INSTEAD

Always pair data retrieval with action. First run get_instruments to see what's available, then use get_balance to confirm the funds needed before asking the agent to place_order.

Mixing up order IDs and instrument IDs.

✗ AVOID

Trying to cancel an order by just naming the asset (e.g., 'cancel BTC trade'). The system needs specific identifiers to ensure it cancels the correct, incomplete contract.

✓ INSTEAD

When canceling or amending, always provide the unique Order ID or Client Order ID alongside the instrument ID for guaranteed accuracy.

Over-relying on natural language alone.

✗ AVOID

Telling the agent to 'buy some crypto.' This is too vague and will fail because it doesn't know your intended trade mode (cash/cross) or exact size requirements.

✓ INSTEAD

Be specific. Use phrases like, 'Place a market buy order for 0.05 ETH on BTC-USDT with cash mode.'

The Right Fit

Use this MCP if your workflow requires direct execution and real-time state management: checking current funds (get_balance), viewing open risk (get_positions), or immediately placing/modifying a trade (place_order, amend_order). Don't use it if you are only doing pure historical research; for deep academic analysis of market history, you need dedicated data warehousing tools. If your goal is

simply to get a list of pairs without knowing which ones you can afford, just running get_instruments isn't enough—you still need the balance check first.

The constant switching between trading portals drains focus and time.

Today, if you want to know your total liquid funds across three different assets, you open the exchange dashboard. Then, you switch tabs to check your futures positions. If you need to place a trade, you copy the instrument ID from one section and paste it into another order form. This cycle of opening, copying, switching, and confirming is tedious.

With this MCP, you keep everything in one conversation with your agent. You just ask for 'my current balances' or 'my open positions.' The system pulls that data instantly, showing you the full picture without a single click outside of your chat client.

OKX MCP: Execute trades and manage risk in conversation.

The manual steps that disappear are the need to copy unique IDs, navigate between spot/futures tabs, and manually reconcile your current cash balance against your active margin requirements. You don't have to switch between multiple separate web pages just to confirm if a trade is possible.

Now you talk to the exchange directly through your agent. The whole process of checking funds with get_balance, confirming positions via get_positions, and executing a new order using place_order happens as one continuous thought.

OKX MCP: 6 Tools for Trading Mastery

Use these tools to check your account status, list available pairs, and execute complex trading actions directly through your agent.

#	TOOL	DESCRIPTION
01	amend_order	Changes the details of an existing trade order that is still pending or incomplete.
02	get_balance	Retrieves your current available asset balances in your OKX trading account, optionally filtered by currency.
03	cancel_order	Immediately cancels a trade order that has not been filled or executed yet.
04	get_instruments	Lists all available trading pairs and instrument types (like spot, futures, etc.) for your account.
05	place_order	Initiates a new trade order, specifying the asset, market type, side, and size.
06	get_positions	Retrieves detailed information about all your currently active open positions on the exchange.

See It in Action

Real prompts you can use once this MCP is connected to your AI agent through Vinkius Cloud.

U Show me my current USDT and BTC balance on OKX.

I've retrieved your balances. You currently have 1,250.50 USDT available and 0.045 BTC. Would you like to see balances for any other assets?

U List all my active futures positions.

You have one active position: BTC-USDT-SWAP (Long) with a size of 0.1 BTC at an entry price of 65,000. Your current unrealized PnL is +$120.00.

U Place a market buy order for 0.01 BTC on the BTC-USDT spot market.

Market buy order for 0.01 BTC on BTC-USDT has been placed successfully. Order ID: 192837465. Trade mode: cash.

Frequently Asked Questions

01 **How do I check my OKX crypto balances using the OKX MCP?**

You use the get_balance tool. Just ask your agent for 'my current asset balances' or specify a currency like, 'What is my ETH balance?' The system will return your real-time liquid funds.

02 **Can I manage futures trades with OKX MCP?**

Yes. You can use get_positions to view all active contracts and place orders for margin or cross modes using the place_order tool, making it suitable for advanced traders.

03 **What if I need to change an order before it fills?**

You use amend_order. You simply tell your agent which incomplete order you want to change and what new parameters (like a different size or price) you want to set.

04 **Does OKX MCP help me know what trades I can make?**

Yes, first run get_instruments. This tool lists all available trading pairs and instrument types that are currently supported on the exchange for your account.

05 **Is OKX MCP only for US-based accounts?**

No. The connection works by integrating with your specific, authenticated OKX API keys, meaning it manages your personal portfolio regardless of your geographic location or account type.

Go Live in 60 Seconds

Get your connection token from **cloud.vinkius.com**, then paste the endpoint URL into any MCP-compatible client.

YOUR MCP ENDPOINT

```
https://edge.vinkius.com/[TOKEN]/mcp
```

CLIENT	WHERE TO CONFIGURE
Claude AI	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
Cursor	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
VS Code	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add `"okx": { "url": "…" }`
Windsurf	MCP Settings → `mcp_settings.json` → Add endpoint URL
ChatGPT	Settings → Tools & plugins → Add MCP server → Paste endpoint
Gemini	Extensions → Add MCP Server → Paste endpoint URL

ASK AN AI ABOUT THIS

Let your preferred AI explain this MCP server

- Ask ChatGPT
- Ask Claude
- Ask Perplexity
- Ask Gemini
- Ask Grok

READY TO CONNECT

OKX is live on Vinkius Cloud.

Get your connection token, paste it into your AI agent, and start building. No SDK. No deployment. Just results.

Start at cloud.vinkius.com →

vinkius.com · support@vinkius.com

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by OKX. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	OKX MCP
Server ID	`019e38cb-8c16-7303-a9cc-1288d66057fb`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/mcp/okx.

© 2026 Vinkius · vinkius.com · support@vinkius.com