MCP SERVER | NO CODE | CLOUD HOSTED

Lanhu MCP

Audit files and track feedback via chat.

Lanhu connects your AI agent directly to a professional design collaboration platform, letting you manage complex project files and team feedback from any chat interface. Instead of clicking through web dashboards to check on status updates or file structures, your agent handles it all. You can list entire projects, audit detailed layer information within files (like Sketch or Figma), and even track specific discussions across different boards without leaving your workflow. It's a real-time design coordinator built for high-performance teams.

A+ Quality Score 100/100

design-handoff | product-design | ui-ux-collaboration | design-assets | workflow-automation

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vinkius.com/mcp/lanhu

SCAN TO VIEW

The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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.

Lanhu MCP

10 tools available
Cloud-hosted on Vinkius

Imagine working on a massive product redesign, juggling dozens of asset files and endless feedback threads. Usually, you'd have to jump between the web interface, open project folders, manually check file versions, and scroll through comments just to get a status update. This MCP changes that. It lets your agent treat Lanhu like an extension of your chat window. You can ask it to list every active design project or pull up all team members involved in a specific build. Need to know if the 'Header' layer was updated for the new mobile version? Just ask your AI client, and it retrieves the file metadata instantly. This level of coordination means you never have to navigate complex web menus again; everything happens through natural conversation, making sure your production keeps moving smoothly, wherever you use Vinkius.

Core Capabilities

01 — Track Project Status

List all accessible design projects and the teams working on them.

02 — Audit Design Assets

Get detailed metadata, including layer structures and file details, for any specific design file.

03 — Monitor Team Feedback

Review discussions and comments attached to individual files or entire project boards.

04 — Manage Team Structure

List all available teams, members, and projects assigned across the workspace.

One Click on Vinkius — From Prompt to Execution

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

01 First, you subscribe to this MCP and provide your Lanhu Access Token.

02 Next, you invoke a tool through your agent (like listing all available teams).

03 Your AI client retrieves the structured data from Lanhu and presents it back to you in conversational text.

The bottom line is, your design workflow moves from clicks and tabs into pure conversation.

Built For

This MCP is for the Product Designer tired of manually chasing down asset versions. It's for the Frontend Developer who needs to check layer details without opening Figma, and the Product Manager who just wants a single source of truth about project progress.

Product Designer

Uses it to automate file organization, list projects, and manage assets using natural language prompts.

Frontend Developer

Retrieves design metadata, such as layer names or node structures, directly from their AI development environment.

Product Manager

Tracks overall design progress and monitors team feedback across multiple projects without needing to check the web UI.

What Changes When You Connect

01 Stop clicking through web dashboards. Instead of opening ten tabs to find project status, asking your agent to list team projects or get project details gives you a single overview in natural language.

02 Never lose track of comments again. Use the tool to fetch file comments and discussions attached to any design file, giving you immediate visibility into team feedback without manual searching.

03 Understand asset structure instantly. Instead of opening an SVG editor just to check layer names, ask your agent to list layers for a file; it gives you the hierarchy directly in chat.

04 Streamline handoffs from development. Frontend Developers can use this MCP to get design metadata and file details, linking requirements straight into their IDE or coding workspace.

05 Improve team visibility. You can easily list all teams and members, making sure every participant on a project is accounted for and assigned correctly.

Real-World Applications

The Quick Design Audit

A designer needs to know if the new 'checkout-v2' assets were updated with the latest button spacing guidelines. They simply ask their agent to get design file info for that asset, and the tool returns the metadata instantly, saving them a 15-minute deep dive into the web UI.

Project Kickoff Prep

A Product Manager starts a new initiative. They ask their agent to list all team projects and then list all accessible design projects on Lanhu. This gives them an immediate, comprehensive scope of work without navigating through multiple organizational boards.

Finding the Right Team

An employee needs to know who owns the 'Admin Dashboard' feature. They prompt their agent to list teams and members, quickly identifying the correct team leader and key contributors in seconds.

Reviewing Handoffs for Dev

A developer receives a ticket referencing an asset file but doesn't know which specific board it belongs to. They use their agent to list all project boards, narrowing down the correct source location immediately.

Patterns to Avoid

Treating files as black boxes

✗ AVOID

A user tries to copy-paste a screenshot of a complex design file into a document and asks their agent to read the 'layers'. The AI fails because it only sees an image, not the underlying structure.

✓ INSTEAD

Don't rely on visuals. Use your agent to list layers for the file instead; this sends the actual structural data (like 'Header', 'Footer') directly from Lanhu.

Asking for general project status

✗ AVOID

A user asks, 'How is Project X going?' The AI can only give a vague answer because it lacks specific details about the file versions or discussions.

✓ INSTEAD

Be specific. Use the agent to get board details and then ask it to get comments for a file within that project; this provides actionable feedback.

Ignoring team assignments

✗ AVOID

A user assumes they know who is working on a feature because they saw a name mentioned in an email, but the actual assignee has changed.

✓ INSTEAD

Always verify ownership. Use the tool to list members and then use another command to get project details to confirm current team assignments.

The Right Fit

Use this MCP if your workflow requires accessing highly structured, deep data about design assets—like layer names or specific file metadata—and you need that information via natural language chat. It's perfect when you need to move from a general question ('What's wrong with the checkout?') to actionable facts (The 'payment-btn' layer was deleted). Don't use this if your goal is simply basic task management, like creating an agenda or sending a simple reminder; those are better handled by dedicated messaging tools. If you only need a high-level list of projects and teams, this MCP works, but remember that its power comes from the detailed audit functions, such as listing project files or retrieving specific board details.

Checking Design Assets Used to Be a Web Crawl

Today, checking on design assets means opening the platform, navigating through nested folders and boards, clicking into individual files just to see layer names, then manually scrolling through comments to figure out who said what about button spacing. It's a tedious process of jumping between tabs and copying details into a status report.

With this MCP, you simply ask your agent for the information. The tool fetches file metadata or lists project assets directly from Lanhu and gives you a clean, conversational summary. You get instant facts without touching a single web menu.

Lanhu MCP: Get Project Clarity Through Conversation

The manual steps that vanish are the repeated logins and the need to check multiple dashboards just to compile one status update. You don't have to manually track down which team owns a specific project or who last commented on a core asset.

Now, your agent acts as a real-time design coordinator for you. It keeps all assets organized and moves your production forward by translating complex platform data into simple answers.

Lanhu: 10 Tools for Design Assets

These ten tools let your agent interact with every part of the Lanhu platform, enabling you to audit assets, list teams, and manage project details through conversation.

#	TOOL	DESCRIPTION
01	`get_board`	Retrieves detailed information about a specific project board.
02	`get_comments`	Fetches all discussion comments associated with a design file.
03	`get_file`	Gets comprehensive details and metadata for a specific design file.
04	`get_project`	Retrieves all high-level details about an entire project container.
05	`list_boards`	Provides a list of all available design boards within the workspace.
06	`list_layers`	Lists and details the layer names and structures contained within a given file.
07	`list_members`	Provides a roster of all individual team members in the platform.
08	`list_project_files`	Lists every design asset file connected to a specific project.
09	`list_team_projects`	Generates a list of all projects currently assigned to a particular team.
10	`list_teams`	Retrieves a complete directory listing of every team established in the Lanhu platform.

See It in Action

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

U List all my design projects on Lanhu.

I've retrieved your Lanhu projects. You have 3 active projects: 'Mobile Wallet V2', 'Admin Dashboard', and 'Marketing Landing Pages'. Which one would you like to explore?

U Show me the comments for design file 'checkout-v1'.

I've listed the comments for 'checkout-v1'. There are 4 recent discussions, including feedback on the payment success message and button spacing. Would you like a detailed summary?

U List the layers for file 'homepage-main'.

I've retrieved the layers for 'homepage-main'. It includes the 'Header', 'Hero_Section', 'Features_Grid', and 'Footer' groups. Which section would you like to inspect further?

Frequently Asked Questions

01 **How do I list projects using the Lanhu MCP?**

You use the agent to call the tool that lists team projects. This immediately gives you an overview of all accessible design work and helps narrow down your focus.

02 **Can I check file layers with the Lanhu MCP?**

Yes, using the list_layers tool allows you to retrieve detailed metadata about a file's internal layer structures. This is critical for developers checking asset handoffs.

03 **What if I want to know who is on the team?**

You use the list_members tool. It provides a full roster of every individual and team member across your entire Lanhu workspace.

04 **Is the Lanhu MCP only for large teams?**

No, while it handles large enterprises, it also works for smaller groups needing reliable project coordination. It's designed to keep assets organized whether you're working on one feature or a dozen.

05 **Does the Lanhu MCP track versions?**

While dedicated version control is outside its scope, using get_file allows your agent to pull detailed metadata about files, helping you confirm which assets are current.

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 `"lanhu": { "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

Lanhu 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

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