MCP SERVER | NO CODE | CLOUD HOSTED

Heroku (PaaS)

Heroku (PaaS) MCP connects your AI agent directly to your cloud application stack. Manage everything from listing hosted apps and auditing environment variables to rebooting specific containers or toggling maintenance mode—all through natural conversation.

A+ Quality Score 100/100

paas | dyno-management | app-deployment | runtime-configuration | cloud-hosting | infrastructure-management

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vinkius.com/mcp/heroku-paas

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.

Heroku (PaaS) MCP

10 tools available
Cloud-hosted on Vinkius

Manage your entire Heroku deployment cycle without logging into a dashboard or running CLI commands. This connector lets you talk to your infrastructure like it's a teammate on Slack. Need to check if a database token is exposed in an environment variable? Just ask. Want to confirm exactly which regional data center your app is running out of, down to the specific slug size? Your agent handles that. You can audit add-on services like Postgres or Redis and even trigger hard reboots for stalled containers. Because Vinkius hosts this MCP, you connect once from any compatible client—Claude, Cursor, or Windsurf—and get immediate control over your cloud-native apps.

Core Capabilities

01 — App Lifecycle Management

Create new applications or permanently wipe existing ones with a single command.

02 — Application Status Audit

Fetch detailed information on an app, including its runtime constraints, framework details, and total code size.

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One Click on Vinkius — From Prompt to Execution

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

Built For

10 Tools Available

#	TOOL	DESCRIPTION
01	`create_app`	Provision a fresh structural App container on Heroku
02	`delete_app`	Traffic routing instantly yields persistent 404/no web-dynos responses. Highly destructive. Permanently wipe an active App from Heroku servers
03	`get_app_info`	g. heroku-22, heroku-24). Confirms exact application routing URL mapping, total slug (code) size in memory, and regional datacenter placements (US or EU) verifying global latency strategies. Fetch intricate runtime constraints and framework details of an App
04	`list_addons`	Retrieve third-party Platform Add-ons mapping to an App
05	`list_apps`	Use this to discover App IDs, web URL designations, and git repository targets required to execute operational commands downstream. List all standard applications actively hosted on Heroku PaaS
06	`list_dynos`	1, worker.1). Tracks exactly whether the dyno is "up", "crashed", "idle", or "starting" based on the internal slug runner engine's telemetry. List discrete containerized Dynos executing inside an App
07	`list_config_vars`	Retrieves highly confidential database tokens `DATABASE_URL`, SendGrid passwords, or OAuth keys. Dump decrypted Application Environment Variables
08	`restart_specific_dyno`	Exceedingly useful for unsticking hung asynchronous queue workers without impacting active web traffic on the primary frontend replicas. Selectively reboot one isolated Dyno instance (e.g. worker.2)
09	`restart_all_dynos`	Often resolves ephemeral memory-leaks in Node.js or Ruby runtimes stalling standard request processing. Hard reboot all containers tied to an entire Application
10	`toggle_maintenance_mode`	Crucial for orchestrating complex sequential database migrations without encountering corrupted states from active sessions. Rapidly switch an Application's Maintenance Mode switch

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 Heroku apps

I've found 4 applications: 'production-api', 'staging-web', 'worker-service', and 'data-pipeline'. Which one would you like to inspect?

U Restart all dynos for 'production-api'

Restarting all dynos for 'production-api'... All web and worker containers are being recycled. This should resolve any transient issues within the next minute.

U What's the current maintenance mode status for the 'staging-web' app?

Maintenance mode is currently DISABLED for 'staging-web'. Would you like to enable it before performing your database migration?

Frequently Asked Questions

01 **Can I see the status of my dynos through my agent?**

Yes. Use the `list_dynos` tool to see the real-time status of each container process (e.g. web.1, worker.1). You'll know exactly if a dyno is up, crashed, starting, or idle.

02 **How do I check my application's environment variables?**

The `list_config_vars` tool allows your agent to dump the full dictionary of environment variables injected into your dynos, including sensitive keys like DATABASE_URL or API tokens.

03 **Can my agent restart a specific hung worker without affecting the web traffic?**

Absolutely. Use the `restart_specific_dyno` tool to reboot a single instance (e.g. worker.2). This is perfect for unsticking hung asynchronous queue workers without impacting your primary frontend traffic.

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 `"heroku-paas": { "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

Heroku (PaaS) 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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DOCUMENT INFORMATION

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Server ID	`019d75b0-0c39-7262-9e27-df41a05bca91`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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