

MCP SERVER

NO CODE

CLOUD HOSTED

Joomla CMS MCP

Manage articles and structure without logging in

Joomla CMS MCP lets you manage an entire website's content structure using natural conversation. List, create, and update articles; audit site menus, categories, and users—all without logging into the admin backend. It's full control over your digital publishing lifecycle.

A+ Quality Score 100/100

cms

article-management

taxonomy

web-publishing

content-orchestration



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.

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.

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.

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

Encryption at rest

Ed25519

PKI vault signatures

24h TTL

Ephemeral session keys

V8 Isolate

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.

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.

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.

06 — Honeypot Trap System

Phantom credentials are injected into isolated environments. If a honeypot 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.

FinOps

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

Firewall & DLP

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

Agent Activity

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

Tool Health

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

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.

Joomla (Open-Source CMS) MCP

10 tools available

Cloud-hosted on Vinkius

Forget navigating endless dashboards just to publish a small change. This MCP connects your Joomla website directly to your agent, letting you manage content creation and site structure using plain language. You can draft an article with a specific title and intro text, or pull up a list of every existing piece of content. Need to clean house? Delete old articles or update banners in minutes. Beyond the core articles, you get full visibility into how your site is built: check the user roles, see what global categories are active, or audit the entire menu hierarchy. This level of deep content control is critical for any modern web presence, and having it accessible through a central catalog like Vinkius makes running multi-site operations simple.

Core Capabilities

01 — Drafting new articles

You can generate brand new Joomla articles by providing the title, alias, category ID, and initial intro text.

02 — Updating existing content

Modify the full HTML body of any specific article or patch details on an already published piece of content.

03 — Managing site organization

List and manage global categories, system tags, and check the structure of all active site menus.

04 — Auditing user and asset data

Pull lists of all registered users or enumerate any active advertising banners currently running on the site.

05 — Controlling content lifespan

Permanently delete old articles from the CMS, keeping your digital storefront fresh and optimized.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/joomla-open-source-cms — connect your AI agent in three steps.

- 01 First, subscribe to this MCP on Vinkius.
- 02 Next, you input your Joomla Base URL and API Token credentials into your AI client.
- 03 Finally, you tell your agent what content task needs doing—like 'list all articles in the Technology category'—and it executes the action.

The bottom line is that this MCP turns complex website administration tasks into simple conversational commands for your agent to run.

Built For

Content Editors, Web Developers, and Site Administrators. If you spend time juggling multiple web dashboards just to move a piece of copy or check site permissions, this is for you. It gives you command over the CMS without the clunky admin UI.

Digital Content Editor

You use it daily to draft new articles and update existing content quickly, bypassing the need to log into the Joomla administrator backend.

Web Developer

You test API results and audit site structures by running real-time queries against menus, tags, and categories directly from your workspace.

Site Administrator

You monitor user activity across multiple projects, list system tags, and manage global category configurations efficiently.

What Changes When You Connect

- 01 Write new content quickly. Instead of manually navigating to the editor, you simply ask your agent to use `create_cms_article`, specifying the title and category, and it handles the draft.

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- 02** Maintain site accuracy by auditing everything. Use `list_site_menus` or `list_global_categories` to check if a new page needs a taxonomy tag or a menu link before development starts.
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- 03** Keep your content fresh and clean. When an article is obsolete, use `delete_cms_article`. You can manage the entire lifecycle of publishing from one chat window.
-
- 04** Understand who has access. If you need to audit team permissions, run `list_platform_users` to see every registered account and their roles instantly.
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- 05** Check site visibility at a glance. Use `list_active_banners` to confirm what promotional modules are currently live on the front end.
-

Real-World Applications

The team needs to update a product page but is locked out of the admin panel.

A marketing editor asks their agent, 'Update the main features article for Product X.' The agent uses `patch_cms_article` and updates the full HTML content in real time. No logins, no clicking through menus.

The administrator needs to see who has publishing rights and what they are doing.

An admin asks the agent to 'show all user roles.' The agent calls `list_platform_users`, giving a clear, actionable list of every registered account and its permissions.

The developer needs to map out the entire site navigation before building a new section.

A web developer asks their agent to 'list all main menu structures.' The agent runs `list_site_menus`, providing an immediate, structured view of the current navigation hierarchy for testing.

The content lead needs to see what articles exist in a specific topic area.

The lead asks the agent to 'list all published articles for tech news.' The agent uses `list_site_articles`, filtering results immediately and providing a list of IDs ready for review.

Patterns to Avoid

Manually copying content metadata

✗ AVOID

The user manually copies article names and category IDs from the live website into a spreadsheet, which is slow and prone to human error.

✓ INSTEAD

Instead of manual data extraction, ask your agent to run ``list_global_categories`` and then use that ID when calling ``create_cms_article`` for perfect accuracy.

Overwriting content by hand

✗ AVOID

A developer manually edits an article's HTML in a local file, only to realize it breaks the site upon deployment.

✓ INSTEAD

Use ``get_article_details`` first. This lets you pull the exact current code structure and metadata before attempting any changes with ``patch_cms_article``.

Assuming content exists

✗ AVOID

The user tries to update an article ID they think is active, but it was deleted or never existed.

✓ INSTEAD

Always check first. Run ``list_site_articles`` with filters like 'published' before attempting any updates or deletions using the specific tools.

The Right Fit

Use this MCP if your primary job revolves around managing structured, published content—drafting, organizing, and auditing articles, categories, menus, and users. If you need to perform deep database queries (like running complex SQL joins) or interact with non-CMS services (e.g., Stripe payments), then this isn't the right tool. You need a dedicated data layer MCP for that; try looking at category-specific tools in the Vinkius catalog instead. This is strictly for content governance and site architecture.

The headache of switching between admin interfaces

Every time you need to publish a simple update—maybe changing an introductory paragraph or

With this MCP, you just talk to your agent. You tell it exactly what needs changing, like 'create an

moving an article into a new section—you have to log out of your AI client, navigate the Joomla administrator panel, find the right content item, and then manually edit it. It's clicks, dropdown menus, and a lot of context switching.

article about X in category Y.' The entire process, from checking the available categories using `list_global_categories` to drafting the final content via `create_cms_article`, happens through a single conversation.

Content Drafting and Structure with Joomla CMS MCP

The tedious steps that vanish are navigating category pickers, remembering specific article IDs, and figuring out if the correct user permissions are applied. You no longer need to guess which backend page controls which piece of data.

Now, you just state your intent. Your agent handles the sequence: checking taxonomy availability, building the draft record, and setting the proper status—all without you ever seeing a complex form or needing an API key.

Joomla (Open-Source CMS) Listing with 10 Tools

These tools give you direct control over Joomla's core functions, allowing you to create articles, manage categories, audit menus, and handle user data via your AI agent.

#	TOOL	DESCRIPTION
01	<code>create_cms_article</code>	Generates a brand new Joomla article using specified title, alias, category ID, and intro text.
02	<code>delete_cms_article</code>	Removes an existing Joomla article permanently from the site content.
03	<code>get_article_details</code>	Retrieves all specific information about a single, identified Joomla article.
04	<code>list_site_articles</code>	Fetches a list of articles from the site; you can filter this list using parameters like state status.
05	<code>list_active_banners</code>	Lists all advertising banners and tracking modules currently running on the website.
06	<code>list_global_categories</code>	Provides a list of all main content categories defined across the entire Joomla instance.
07	<code>list_site_menus</code>	Retrieves and displays the current structure of the site's navigation menus.
08	<code>list_system_tags</code>	Gives you a comprehensive list of all system tags applied to content.
09	<code>list_platform_users</code>	Lists every registered user account on the platform and their assigned roles.
10	<code>patch_cms_article</code>	Updates all details of an existing Joomla article, allowing you to revise its content or metadata.

See It in Action

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

U List the last 5 articles from my Joomla site



I've retrieved the latest 5 articles. Highlights include 'Getting Started with Joomla 5' (ID: 101), '2024 Tech Trends' (ID: 105), and 'Product Launch Update' (ID: 108). All are currently published. Would you like the full text for any of these?

U Create a new article titled 'AI in CMS' in the 'Technology' category (ID: 5)



Article 'AI in CMS' created successfully in the Technology category. Alias: ai-in-cms. I've added the placeholder introtext you provided. You can now use the `patch cms article` tool to finalize the full HTML content.

U What are the active categories on our site?



I've identified 4 active categories: 'Uncategorised' (ID: 1), 'News' (ID: 2), 'Blog' (ID: 3), and 'Technology' (ID: 5). I can provide the description and parent mapping for any of these if needed.

Frequently Asked Questions

01 How do I list all articles using the Joomla CMS MCP?

You use the `list_site_articles` tool. This lets your agent pull a full inventory of published content, and you can optionally narrow down the search with status filters.

02 Can I delete old articles using the Joomla CMS MCP?

Yes, the `delete cms article` tool handles this. You just need to specify the article ID, and your agent executes the permanent deletion for you.

03 How do I check my site's navigation menus with Joomla CMS MCP?

Run ``list_site_menus``. This tool gives you a complete overview of every menu structure on your website, helping developers audit the current layout easily.

04 Does the Joomla CMS MCP help me create articles?

Absolutely. Use ``create_cms_article`` to draft brand new content by providing the title, alias, category ID, and intro text in one prompt.

05 Where can I see who uses my Joomla site with the MCP?







The ``list_platform_users`` tool lets you pull a list of all registered user accounts and their corresponding roles on your Joomla instance.

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 <code>"joomla-open-source-cms": { "url": "..." }</code>
 Windsurf	MCP Settings → <code>mcp_settings.json</code> → 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

Joomla (Open-Source CMS) 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](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Joomla (Open-Source CMS) MCP
Server ID	019d75be-00d4-72c6-b297-c7ba5e688bec
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

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