MCP SERVER | NO CODE | CLOUD HOSTED

URL Metadata Scraper MCP

Extract Clean Link Data for Social Media & SEO Audits

URL Metadata Scraper instantly pulls clean OpenGraph and SEO metadata (title, description, image) from any link without wasting tokens on full HTML scraping. Stop loading entire webpages just to get a title or an image. This MCP gives your AI client the exact structured data it needs for social previews, SEO audits, or content summaries.

A+ Quality Score 100/100

opengraph | metadata-extraction | seo-optimization | token-optimization | html-parsing | link-preview

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vinkius.com/mcp/url-metadata-scraper

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.

URL Metadata Scraper MCP

1 tools available
Cloud-hosted on Vinkius

When your agent needs to summarize a web page—maybe for a Twitter thread or a blog preview—you don't want it dumping gigabytes of raw HTML into the context window. That's slow, expensive, and often inaccurate. This MCP fixes that by natively fetching only the essential OpenGraph and SEO tags from any URL. It uses fast parsing to return four specific pieces of data: the title, description, image, and more. You can connect this via Vinkius, giving your AI client immediate access to rich link context. Instead of asking your agent to read an entire page just for a thumbnail, you simply ask it to pull the metadata using this MCP's tools.

Core Capabilities

01 — Generate Link Previews

Your AI client pulls structured title and description data from any URL instantly.

02 — Extract Visual Assets

You retrieve the main image URL for a web page, perfect for social media posts or reports.

03 — Perform SEO Audits

The agent collects structured SEO tags from a link to validate landing page performance.

04 — Optimize Content Summaries

You provide clean, targeted metadata instead of large blocks of raw text for better AI summarization.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/url-metadata-scraper** — connect your AI agent in three steps.

01 Give your agent the full URL you want to analyze.

02 Your AI client calls the `scrape_url` tool, which bypasses standard web scraping by reading only the specific metadata tags.

03 You receive a structured JSON payload containing clean title, description, and image URLs.

The bottom line is you get precise, actionable link data without paying for or waiting on full-page content loading.

Built For

Content strategists who write social copy daily. SEO specialists running audits across hundreds of links. Developers building tools that require accurate link previews and metadata indexing.

SEO Specialist

Running batch checks on competitor URLs to quickly validate if their OpenGraph tags are properly implemented.

Content Marketer

Drafting a campaign of social media posts and needs the correct title and main image URL for every link before posting.

Web Developer

Building a landing page widget that needs to pull real-time metadata from external links for display in an IDE or application.

What Changes When You Connect

01 Stop wasting tokens on full HTML scrapes. This MCP uses fast parsing to pull only the title, description, and image data you need.

02 Perfect for social media workflows. If your agent is building Twitter threads or LinkedIn summaries, it gets the exact metadata needed to make them look professional.

03 Reduces processing time dramatically. Instead of waiting on a full headless browser render, this MCP extracts core tags instantly.

04 Supports SEO validation. You can run audits across multiple links and get structured data for title or description length checks with minimal effort.

05 Works across all client applications. Connect it to your preferred AI agent via Vinkius, making link metadata retrieval a standard function of your workflow.

Real-World Applications

Building a Link Preview Widget

A developer needs to show users how a linked article will look on Twitter. Instead of writing complex scraping code, the agent simply uses `scrape_url` to grab the OpenGraph image and title, generating a perfect preview instantly.

Campaign Content Batching

A marketing team needs 50 social posts linking to different articles. They feed all 50 URLs into their agent, which uses `scrape_url` for each one to collect the title and image URL, saving hours of manual copy-pasting.

Competitive SEO Analysis

An SEO specialist wants to check if a competitor's landing page has proper metadata. They run `scrape_url` on several target URLs to quickly gather title and description data points for their audit report.

Summarizing External Content

Your agent receives a link but needs to summarize it for an executive brief. Using the MCP, it extracts just the clean metadata via `scrape_url`, keeping the context window small and highly focused on the most important details.

Patterns to Avoid

Using generic scraping tools

✗ AVOID

A user tries to use a general-purpose web scraper that loads the entire DOM tree, resulting in massive amounts of junk HTML and exceeding token limits.

✓ INSTEAD

Use this MCP's `scrape_url` tool. It bypasses full rendering by targeting only OpenGraph and SEO tags, keeping your context clean and efficient.

Relying on browser-based previews

✗ AVOID

The agent waits for a headless browser to load the page fully just to get an image URL. This process is slow and unreliable.

✓ INSTEAD

Just call `scrape_url`. It extracts the metadata directly, giving you the clean image URL without needing any full browser emulation.

Copy-pasting manual data

✗ AVOID

The content writer manually checks 10 links one by one in a browser to gather titles and images for a spreadsheet.

✓ INSTEAD

Let your agent handle it. Feed the list of URLs into a workflow that uses `scrape_url` across all inputs, compiling all necessary metadata automatically.

The Right Fit

Use this MCP if your goal is purely to extract structured link information—like title, description, or main image—from a URL as efficiently as possible. If you need the content *inside* the page (e.g., the body paragraphs, charts, or comments), then you need a full web scraping tool that loads and processes the entire HTML payload. This MCP is for metadata extraction only; it does not read articles. Don't use this if you plan to summarize long-form text; use it when you need to optimize link previews and collect SEO tags.

The Pain of Link Previews

Right now, gathering metadata for a campaign is a copy/paste nightmare. You open the link, right-

With this MCP, your agent handles it all in one step. You give it a batch of URLs, and it returns

click, grab the title; then you open another tab to find the image URL; maybe you have to check Google's search panel just for the clean description. It takes minutes per link and quickly becomes impossible at scale.

perfectly structured data: title, description, and image URL. You get ready-to-use content assets instead of fragmented manual labor.

Get Metadata Instantly with scrape_url

You eliminate the need to manually check multiple web elements, click through different platforms, or wait for slow browser rendering. The agent pulls all four key fields—title, description, image, and more—in one concise call.

The process is direct. You feed the URL; it returns the metadata. It’s that simple, fast, and reliable.

URL Metadata Scraper: 1 Tool Available

Use this single tool to pull structured OpenGraph and SEO data from links, perfect for content marketing and development workflows.

#	TOOL	DESCRIPTION
01	`scrape_url`	Pass any URL and get structured OpenGraph and SEO metadata, including the title, description, and image, without loading a full web page.

See It in Action

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

U Extract the OpenGraph metadata from `https://vinkius.com`.

Metadata: {"title": "Vinkius", "description": "The Agentic Platform", "image": "url.jpg"}

U Get the main image for this news article so I can post it on Twitter.

Extracted: `https://news.com/cover.jpg`.

U Check the SEO description for this landing page URL.

SEO Description: The best platform for AI automation.

Frequently Asked Questions

01 **What exactly does the scrape_url tool extract?**

scrape_url extracts OpenGraph and SEO tags from a URL. This includes the title, description, and main image, which are used by social platforms for link previews.

02 **Does URL Metadata Scraper load the entire webpage content?**

No, it doesn't. It uses fast parsing techniques to grab only the specific metadata tags (like title or description) without loading the full HTML body of the page.

03 **Can I use scrape_url for SEO audits?**

Yes. You can run structured checks on multiple URLs using `scrape_url` to validate if target pages have correctly implemented OpenGraph and SEO tags.

04 **Is this better than just asking the AI client to summarize a link?**

Absolutely. Asking the agent to summarize first forces it to load all content, which is slow and expensive. Using `scrape_url` gives your agent clean metadata context immediately.

05 **What formats does scrape_url return the data in?**

It returns a structured JSON format containing key-value pairs for the extracted title, description, and image URL. This makes it easy for your agent to parse.

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 `"url-metadata-scraper": { "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

URL Metadata Scraper 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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