

MCP SERVER

NO CODE

CLOUD HOSTED

# Federal Register API MCP

Audit US rules and government mandates instantly

Federal Register API provides direct access to official US government rules and public notices. This MCP lets your AI agent query thousands of active documents, audit agency publications, and retrieve precise metadata from federal sources without needing manual searches on government websites. It's the authoritative way for analysts and legal teams to integrate real-time regulatory data into their workflow.

**A+** Quality Score 100/100

public-policy

regulatory-data

us-government

document-auditing

administrative-law



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Federal Register API MCP

4 tools available

Cloud-hosted on Vinkius

When you need to track what the U.S. government is actually doing—from new regulations to minor policy notices—you can't rely on simple keyword searches. The Federal Register API connects your AI agent directly to this authoritative source of public law and administrative rules. Instead of navigating complex, siloed government portals, you ask your agent a question in plain English: 'What changes did the EPA make regarding water quality last month?' Your agent finds the answer instantly, pulling out key document details and publication dates. This makes deep-dive regulatory research feel like a natural conversation. By accessing this data through Vinkius, you get to run complex policy audits right from your preferred client, whether it's Cursor or Claude. You don't just read notices; your agent acts as a real-time administrative consultant that verifies and structures the raw governmental data for immediate use.

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## Core Capabilities

### 01 — Search public rules and documents

Your agent searches across thousands of federal public records using keywords, dates, or agency names.

### 03 — Retrieve document specifics

For any given rule or notice, you pull out all its unique metadata, official links, and full details.

### 02 — Identify publishing agencies

You can get a comprehensive list of every government body that publishes notices in the Federal Register.

### 04 — Audit policy patterns

You ask your agent to look for trends across multiple agencies or over a time period to map regulatory reach.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/federal-register-api](https://vinkius.com/mcp/federal-register-api) — connect your AI agent in three steps.

- 01 First, you subscribe to this MCP on Vinkius and connect it to your AI client.
- 02 Next, you prompt your agent with a research query, like 'Show me all recent rules concerning energy.'
- 03 Your agent runs the necessary lookups using the available tools and returns structured data containing document titles, agencies, and official links.

The bottom line is that you get verifiable, structured access to complex government data without writing a single query or visiting any government website.

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## Built For

This MCP is for anyone whose job depends on knowing exactly what the rules are —Legal researchers who need to verify compliance standards, Policy analysts tracking mandates, Journalists covering government policy, and Regulatory leads building audit reports.

### **Policy Analyst**

They use this MCP to track how various federal agencies interact by listing all publishing bodies and then searching for specific cross-cutting regulatory themes.

### **Legal Researcher**

They verify the current status of public rules or audit agency compliance patterns by retrieving full metadata for specific document numbers.

### **Journalist/Investigative Reporter**

They monitor government notices to find stories, using keyword searches across vast public datasets to track policy changes over time.

## What Changes When You Connect

- 01 Stop cross-referencing multiple government websites. Using the 'list\_federal\_agencies' tool gives you one place to see every agency that publishes rules, making oversight much faster.
- 02 Need to prove a rule was published? The 'get\_federal\_document\_details' tool pulls precise publication dates and unique identifiers for flawless citations and audits.
- 03 Instead of reading through endless PDFs, the 'search\_federal\_documents' tool finds exactly what you need—whether it's about environmental standards or local zoning rules—based on natural language prompts.
- 04 It saves hours of manual work. By letting your agent handle the querying, you bypass the tedious process of building complex search forms and filters across multiple government portals.
- 05 You get actionable metadata straight into your workflow. The API doesn't just give text; it provides structure, links, and dates that legal teams actually need.

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## Real-World Applications

### Verifying compliance for a client

A regulatory lead needs to know if their industry is affected by new federal mandates. They prompt the agent: 'Search for documents about carbon emissions in 2024.' The agent uses 'search\_federal\_documents' and provides relevant rules from multiple agencies, allowing the lead to immediately assess compliance risks.

### Tracking a legislative history

A policy analyst is tracking how a specific law evolved. They first use 'list\_federal\_agencies' to confirm all players and then repeatedly call 'get\_federal\_document\_details' for document numbers over several years, building an accurate timeline of regulatory change.

### Investigating agency scope creep

A journalist wants to know if a niche area is being regulated. They ask the agent to 'List all US government agencies that publish rules.' The resulting list shows which bodies have jurisdiction, helping them focus their investigation.

### Checking operational readiness

An operations team needs to ensure their research pipeline is working before a major report deadline. They quickly run the 'check\_api\_status' tool and confirm the service is fully operational, preventing last-minute workflow failures.

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## Patterns to Avoid

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### Using basic web searches

#### X AVOID

Typing 'EPA water rules 2024' into Google and clicking through dozens of PDFs. This requires manual filtering, reading headers to find the right date, and copying text snippets.

#### ✓ INSTEAD

Use this MCP. Ask your agent to 'Search for public documents about water quality standards.' The agent handles the search complexity, delivering structured results with metadata from 'search\_federal\_documents' instantly.

### Assuming a document is current

#### X AVOID

Finding an old PDF on a government site and assuming it's still valid. You have no way to confirm the official publication date or if it was superseded.

#### ✓ INSTEAD

Use 'get\_federal\_document\_details'. This tool pulls verifiable, up-to-date metadata directly from the Federal Register record, confirming its status and original publication timeline.

### Forgetting which agencies exist

#### X AVOID

Starting research on a topic but not knowing if it falls under the purview of the FDA or the EPA. You waste time checking unrelated sources.

#### ✓ INSTEAD

Start with 'list\_federal\_agencies'. This gives you an immediate, authoritative roster of every publishing body, ensuring your research scope is complete from day one.

## The Right Fit

Use this MCP if your workflow requires verifiable access to official US governmental policy data. If you need to audit rules, track agency mandates, or compare regulatory text across multiple sources, this connector is essential. Don't use it if you are just looking for general information—for simple fact-checks (e.g., 'What

is the capital of France?'), your AI client works fine without it. If you only need to search one specific website and don't require cross-agency comparison, a standard web scraper might suffice. But because this MCP handles structured metadata retrieval and agency mapping through tools like 'list\_federal\_agencies', it provides depth that simple scrapers can't touch.

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## The headache of manual government data collection

Today, gathering regulatory intelligence is a nightmare. You start by searching general databases, finding links to dozens of PDFs and web pages. Then you have to manually jump between agency sites—the EPA here, the Department of Commerce there—copying document numbers, comparing dates, and trying to piece together which rules are active versus retired.

With this MCP, your agent handles the mess. You simply ask it a complex question about policy drift or mandate overlap. It uses its tools to query across the entire Federal Register dataset, pulling out clean, structured metadata and giving you an answer that's ready for your report.

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## Federal Register API: Structured Policy Data

You never have to manually check the operational status or worry about data source integrity again. Instead of clicking through pages, you call 'check\_api\_status' once and know your entire research pipeline is reliable.

This changes everything. You move from being a manual data collector to an intelligence director. Your focus shifts entirely to analysis, not assembly.

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# Federal Register API: 4 Tools

Use these four tools to perform deep regulatory research by searching public rules, listing publishing agencies, or retrieving specific document details.

#	TOOL	DESCRIPTION
01	<code>check_api_status</code>	Confirms whether the Federal Register service is currently online and available for use.
02	<code>get_federal_document_details</code>	Retrieves the full metadata, official link, and details for one specific federal document number.
03	<code>list_federal_agencies</code>	Generates a complete list of every government agency that publishes rules in the Federal Register.
04	<code>search_federal_documents</code>	Searches for public documents and regulatory notices across the entire Federal Register using keywords or date ranges.

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## See It in Action

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

**U** Search for documents about 'environmental protection' in the Federal Register.



I've retrieved several documents about environmental protection! Notable entries include rules from the EPA and notices regarding new sustainability standards. Would you like the full details for the top matches or the agency metadata?

**U** Show details for Federal Register document '2023-00001'.



I've retrieved the details for document 2023-00001! It is titled [Title] and was published by [Agency]. I can provide the official link to the full text and the publication date metadata for you.

**U** List all agencies that publish in the Federal Register.



I've scanned the agency catalog! There are hundreds of federal entities listed, including the EPA, Department of Energy, and the FDA. I can help you search for specific documents from any of these thematic clusters.

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## Frequently Asked Questions

**01** Does the Federal Register API MCP include state-level regulations?

No, this MCP is limited strictly to federal rules and notices published in the official United States Federal Register. It does not cover state or local ordinances.

**02** What if I only have a document title and no number?

If you know the approximate date, use 'search\_federal\_documents' with keywords and dates to narrow down your search. Providing more detail always helps the agent find the right record.

**03 Is an API key required for the Federal Register API MCP?**

No API Key is needed. The Federal Register itself is a free, public service, so you can connect your AI client without managing credentials.

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**04 How do I find out which agencies publish rules?**

Just call the 'list\_federal\_agencies' tool. It provides an instant list of every US government body that publishes in the Federal Register, letting you scope your research immediately.

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**05 Can the Federal Register API MCP track historical changes?**

Yes, by combining 'search\_federal\_documents' with specific date ranges and then using 'get\_federal\_document\_details', you can build a precise timeline of regulatory evolution.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"federal-register-api": {   "url": "..."} </code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Federal Register API 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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