

MCP SERVER

NO CODE

CLOUD HOSTED

Campsite Availability MCP for real-time booking data.

Find the perfect campsite for your next trip without clicking through endless grids.

Campsite Availability MCP gives your AI agent direct access to the Recreation.gov inventory. It pulls live data from US national parks and forests, allowing your agent to find specific sites, check availability for multi-night stays, and compare different campgrounds side by side. Instead of just seeing if a park exists, you can ask your agent exactly which sites are open for your specific dates.

A+ Quality Score 96.67/100

camping

campgrounds

recreation-gov

national-parks

availability

reservations



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.

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.

Campsite Availability MCP

6 tools available

Cloud-hosted on Vinkius

You can stop manually hunting through reservation calendars. This MCP connects your AI client to the actual inventory used by US national parks and forests. While a standard website tells you a campground exists, this tool tells you if you can actually sleep there next weekend. It handles the heavy lifting of aggregating availability data, which is crucial because a site isn't truly available if it's only open for one night of a three-night trip. Your agent can now look at a whole month, identify specific sites that fit your exact window, and even account for stays that cross over into a new month. It filters out tours and permits to focus strictly on campground inventory, giving you a clean, usable view of what is actually bookable. Whether you need to know the specific amenities at a site or want to compare three different locations in Yosemite, your agent gets the same real-time data found on the official booking pages.

Core Capabilities

01 — Multi-night stay validation

Your agent checks that a site is available for every single night of your trip, not just the arrival date.

02 — Cross-month trip planning

The MCP handles stays that begin in one month and end in the next by fetching data from both months.

03 — Campground comparison

Your agent can evaluate multiple locations at once to find the best availability for a specific month.

04 — Facility and fee lookup

Your agent pulls specific details like water access, toilet types, and nightly costs from the official records.

05 — Inventory filtering

The tool ignores tours and permits to ensure your agent only sees actual campsite availability.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/campsite-availability — connect your AI agent in three steps.

- 01 Connect your MCP-compatible client to Vinkius.
- 02 Use the search tool to find the campground or park ID.
- 03 Query availability for specific dates or a full month.
- 04 Ask your agent to compare options or find specific sites that fit your stay length.

Connect your client to Vinkius to access the Recreation.gov data instantly.

Built For

This is for anyone planning outdoor trips who wants to use an AI agent to do the heavy lifting of searching through complex reservation grids.

Travel Planners

They hand off the tedious task of checking specific dates and site types to the agent.

Outdoor Enthusiasts

They use the agent to quickly find windows of availability in popular national parks.

Family Trip Coordinators

They ask the agent to find sites that fit specific capacity or facility needs for a group.

What Changes When You Connect

- 01 Eliminates the need to manually check every single day on a calendar grid.
- 02 Prevents booking errors by ensuring sites are free for the entire duration of a stay.

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- | | |
|-----------|--|
| 03 | Aggregates complex Recreation.gov data into simple, actionable answers for your agent. |
| <hr/> | |
| 04 | Provides direct access to official US national park and forest inventory. |
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Real-World Applications

Finding flexible windows

Ask your agent to find any arrival date in a month that allows for a four-night stay.

Comparing locations

Compare three different campgrounds in the same park to see which one has the most open sites for your dates.

Checking specific amenities

Ask if a specific campground has flush toilets or food storage lockers before you decide to go.

Planning long trips

Use the tool to find sites for a stay that starts at the end of one month and ends in the next.

Patterns to Avoid

Checking single nights only

❌ AVOID

You ask your agent to find a site available on Friday, but your trip actually lasts through Sunday.

✓ INSTEAD

Use `'find_available_sites'` to ensure the site is free for every single night of your entire stay.

Manual calendar hunting

❌ AVOID

You spend an hour clicking through different dates on a website to see if a park has openings.

✓ INSTEAD

Have your agent run `'get_monthly_availability'` to see a full breakdown of open and reserved sites at once.

Ignoring site amenities

❌ AVOID

You book a site based on date availability but realize too late that it lacks the water access you need.

✓ INSTEAD

Use `get\_campground` to pull the full descriptive record, including facilities and accessibility notes, before you commit.

The Right Fit

Connect this MCP if you want to automate the search for specific camping windows in US national parks. Do not connect it if you only need general travel inspiration or non-government park data. The decision depends on whether you need actionable, bookable inventory data rather than just reading articles about camping.

6 Tools for Real-Time Campground Inventory Access

These tools provide direct access to Recreation.gov data, allowing your agent to search, compare, and validate campsite availability for specific trip windows.

#	TOOL	DESCRIPTION
01	compare_campgrounds	Compares up to eight campgrounds side by side for a specific month. It reports site counts, the best dates for availability, and the first available arrival for each location.
02	find_available_dates	Identifies arrival dates within a month that have at least one site free for your entire stay duration. It handles the logic of finding consecutive open nights so you don't have to.
03	get_campground	Retrieves the full descriptive record for a single campground. This includes facilities, fees, accessibility notes, contact info, and stay limits.
04	get_monthly_availability	Provides a full monthly view of a campground's inventory. It breaks down open, reserved, and closed sites by arrival date and site type.
05	search_campgrounds	Searches the Recreation.gov inventory for specific parks or campground names. It returns the unique facility IDs required to use the other tools in this MCP.
06	find_available_sites	Lists the specific sites that are available for every night of a requested stay. It works even if your trip starts in one month and ends in the next.

See It in Action

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

U We want to camp in Yosemite in late January, three nights, arriving January 30. Which campgrounds have a site free for the whole stay, and what do they cost?



Upper Pines Campground (id 232447) has 66 sites free for all three nights. The stay crosses into February, and the tool handles the month boundary automatically. Sites 001, 002, and 006 in the Upper Pines loop are typical matches, costing about \$36 a night.

U I can be flexible. For Upper Pines in January, which arrival dates would let me stay four nights?



26 of the 31 days in January have at least one site free for four consecutive nights. The best arrival windows are around January 18-20 and 24-27, where 70 to 84 sites are open for the whole stay.

U Compare three campgrounds near Yellowstone for July: Madison, Tower Fall, and Lewis Lake. Which one has the most open sites?



Madison (232451) has the widest open window with 28 of 31 days holding at least one free site. Tower Fall (259308) is fully booked for the month, and Lewis Lake (259309) has 12 open days peaking at 40 sites.

Frequently Asked Questions

01 Does this MCP allow me to actually book the campsite?

No, this MCP provides the availability and descriptive data. You will still use the official Recreation.gov site to finalize your reservation.

02 How far in advance can I see availability?

Reservations are released on a rolling basis roughly five months ahead. If a month is empty, it might be because it is too far in the future or the park is closed for the season.

03 What happens if my trip crosses into a new month?

The MCP handles this automatically. It fetches the data for both months to ensure the site is available for every night of your stay.

04 Can I search for things other than campgrounds?

The search tool is designed to filter out tours and permits, focusing specifically on campground inventory.

05 Why does a campground show no availability if I know it's open?

The campground might be first-come-first-served, or it might be closed for the season. You can use the monthly availability tool to see if the park has published any inventory at all.

06 Do I need an API key or a Recreation.gov account?

No. The server reads the same public availability data the Recreation.gov website loads, without authentication. Booking still happens on Recreation.gov itself — this server answers what is open, it does not hold or modify a reservation.

07 Why does a month come back empty even though the campground exists?

Two common reasons. Recreation.gov releases reservations on a rolling schedule — roughly five months ahead, often on the 15th of the month — so a month beyond that window has no published inventory yet. Or the campground is first-come-first-served, or closed for the season, in which case there is simply nothing to reserve. The response says which of these it is rather than reporting zero sites as if the campground were gone.

08 A site is open on most nights of my stay — why is it not listed?

Because a booking needs one site free on every night of the stay, not several sites free across it. A site blocked on a single night cannot host the booking, so it is excluded. Use `find_available_dates` instead to see which arrival dates do work for the length of stay you want.

09 Why do I get fewer campgrounds than the amount I asked for?

Recreation.gov returns campgrounds, tours, permits and timed-entry listings in one mixed list, and its server-side filters are not reliable. This server keeps only campgrounds, so rows of other kinds are dropped and a page can hold fewer than requested. Advance the offset by the page size, not by the rows you received, to page through correctly.

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>"campsite-availability": { "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

Campsite Availability 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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Endpoint	<code>https://edge.vinkius.com/{token}/mcp</code>

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