MCP SERVER | NO CODE | CLOUD HOSTED

Impala MCP

Search Hotels, Rates, and Availability in One Chat.

Impala connects your AI agent to a comprehensive global hotel database, allowing you to search for accommodations using natural conversation. Check real-time room availability, compare cancellation rates, find property details, and read guest reviews—all without clicking through ten different booking sites.

A+ Quality Score 98.33/100

hotel-booking | api-integration | real-time-availability | travel-data | room-rates | guest-reviews

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vinkius.com/mcp/impala

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.

Impala MCP

8 tools available
Cloud-hosted on Vinkius

Stop juggling browser tabs just to plan a trip. With Impala, your agent acts like an expert travel concierge that knows every rate change and local detail. You simply tell it what you're looking for—say, 'I need a 4-star hotel near the museum with free breakfast.' The MCP handles the complex lookups: checking room types, verifying availability for specific dates, comparing rates across different cancellation policies, and even pulling property photos. When integrated through Vinkius, Impala provides access to this massive dataset, letting your AI client pull together all that data into a single, actionable response. It's about getting the answers you need immediately, whether you're drafting an itinerary or just checking prices for next week.

Core Capabilities

01 — Searching and Discovering Locations

Find hotels by name, city, coordinates, or general destination area.

02 — Checking Real-Time Availability

Verify if a specific hotel has rooms open for any given date range.

03 — Comparing Pricing and Policies

Get multiple rates for the same room type and compare their associated cancellation rules.

04 — Gathering Property Details

Fetch general hotel information, including available room types and high-resolution photos.

05 — Reviewing Guest Sentiment

Pull recent guest reviews and ratings to help you judge the property's reputation.

One Click on Vinkius — From Prompt to Execution

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

01 You tell your AI client what kind of hotel or trip details you need (e.g., 'Find me a 5-star spot in Miami').

02 The MCP routes that request to Impala, triggering the necessary tool calls like checking rates and searching locations.

03 Impala gathers all the raw data—availability, pricing, reviews, photos—and sends it back to your AI client for final presentation.

The bottom line is you get a single, unified answer that pulls together information usually spread across several different websites.

Built For

This MCP is essential for travel agents, e-commerce product managers, and research analysts who need to process massive amounts of dynamic data about accommodations. Stop manually comparing rates on three different sites; let your agent do the heavy lifting.

Travel Agent

Drafting complex itineraries for clients by pulling real-time availability and multiple rate options into a single proposal.

E-commerce Product Manager

Building product comparison pages that need to display accurate, up-to-the-minute rates and room types from various sources.

Market Research Analyst

Gathering competitor data by systematically retrieving reviews or searching hotel listings across different geographic zones.

What Changes When You Connect

01 Compare rates instantly. Instead of visiting multiple sites to compare prices, calling get_rates provides all available options and cancellation policies at once.

02 Plan complex trips easily. You can use search_hotels_by_city or search_hotels using coordinates to narrow down hundreds of listings based on geography.

03 Understand the property fully. Getting hotel details with get_hotel lets you pull general information, while get_room_types shows exactly what kind of rooms are available for booking.

04 Assess reputation quickly. Use get_reviews to summarize guest sentiment and ratings before committing to a location, saving research time.

05 Visual planning is fast. You can fetch property photos via get_photos so your agent can show you visuals alongside the rates.

Real-World Applications

Building an itinerary for a client's anniversary trip

A travel planner asks their agent to find luxury options. The agent uses search_hotels by city first, then checks availability and compares rates multiple times using get_rates to ensure the best cancellation terms are presented.

Developing a comparison tool for corporate clients

A product manager needs to show cost differences. They use search_hotels to find options near an office park, then call get_room_types and get_rates multiple times to build a matrix showing different tiers of accommodation.

Researching hotel quality in a new market

A market analyst wants to benchmark local competitors. They use search_hotels by city, then run get_reviews on the top five results to synthesize public opinion and identify common complaint themes.

Booking accommodation for an unexpected group size change

You need a last-minute room check. Instead of calling the hotel directly, you use check_availability with specific dates and then get_rates to see what's actually available right now.

Patterns to Avoid

Guessing rates or availability

✗ AVOID

Typing 'How much is it?' without specifying dates. The AI can't help because the data changes every minute and requires specific parameters.

✓ INSTEAD

Always specify the time frame you need by calling check_availability first, then confirm pricing using get_rates for accurate information.

Mixing up locations and rooms

✗ AVOID

Asking 'What are the rates?' without naming a hotel. The system has no context and cannot pull any data.

✓ INSTEAD

First, use search_hotels to pinpoint the location or name the hotel, then request pricing with get_rates.

Ignoring room variety

✗ AVOID

Assuming a single price covers all rooms. This leads to booking the wrong type of suite or getting unexpected fees.

✓ INSTEAD

Always call get_room_types before checking rates, so you know if you're comparing 'standard king' vs. 'ocean view executive'.

The Right Fit

Use Impala if your primary need is aggregating complex travel data from many sources into one conversational answer. If you are building a dedicated booking engine that requires direct API calls for

payment processing, this MCP might be part of the solution, but it won't handle payments itself; it just gathers the necessary data (availability, rates). Don't use Impala if all you need is to send an email or schedule a calendar event—those tasks require messaging or scheduling tools. If your goal is simple map plotting without pricing details, a pure mapping API might suffice. But when comparing prices and checking real-world availability across multiple criteria, this MCP is the definitive choice.

The Mess of Manual Trip Planning

Today, planning even a simple multi-day trip feels like an archaeological dig. You start by Googling hotels, then clicking through five different booking sites just to compare rates for the same room type. If you find a good spot, you have to open another tab to check if it's available for your specific dates. Then, you might spend twenty minutes reading reviews on Yelp and TripAdvisor, copy-pasting snippets into a spreadsheet—all before you even know which cancellation policy is best.

With this MCP, the process collapses into one chat exchange. You ask your agent for criteria—say, 'Find me places near downtown with 4+ stars under $300.' Impala handles the deep dive: it checks availability and rates across all those sites, compiles the photos, and summarizes what people are saying in a single breath. You get actionable data, not fifty tabs open on your browser.

Get Hotel Data with Impala

The biggest time sinks disappear: you never have to manually switch between searching by city and then checking availability. You also don't need to copy-paste rates from different booking pages; the get_rates tool pulls everything into a structured comparison.

What changes is the friction itself. Instead of spending hours coordinating data points across platforms, your AI client gives you a clean answer immediately. It’s not just faster—it makes complex travel research feel effortless.

Impala MCP: 8 Tools for Travel Data Access

These eight tools let you systematically gather everything needed for travel planning, including location searches, availability checks, rate comparisons, and review analysis.

#	TOOL	DESCRIPTION
01	`search_hotels`	Find hotels near a specific location using coordinates.
02	`get_hotel`	Retrieves general, detailed information about a specified hotel property.
03	`get_room_types`	Shows the different categories of rooms available at a particular hotel (e.g., King Suite vs. Double Room).
04	`check_availability`	Verifies if any rooms are open for booking within a specified date range.
05	`get_rates`	Retrieves the current pricing and associated cancellation policies for hotel stays.
06	`get_reviews`	Pulls recent guest feedback and overall ratings for reputation management.
07	`get_photos`	Retrieves visual media, including property shots and room pictures.
08	`search_hotels_by_city`	Searches for available hotels when given a city name.

See It in Action

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

U Find 5-star hotels in Barcelona for next weekend

🏨 **5-Star Hotels in Barcelona**

1. ⭐⭐⭐⭐⭐ **Hotel Arts Barcelona**
   📍 Passeig Marítim | 💰 €320/night | 🛏️ Sea View Suite

2. ⭐⭐⭐⭐⭐ **W Barcelona**
   📍 Barceloneta | 💰 €285/night | 🛏️ Fabulous Room

U Check room availability at the W Barcelona for tonight.

The W Barcelona currently has 4 rooms available for tonight: 2 'Fabulous Rooms' starting at €350/night, and 2 'Spectacular Rooms' starting at €420/night. Both include free cancellation until 6 PM.

U Find hotels in central Tokyo with a minimum rating of 4.5.

I found 8 hotels in central Tokyo matching your criteria. Top suggestions include The Ritz-Carlton Tokyo (4.8/5) and the Palace Hotel Tokyo (4.7/5). Would you like to check their current rates?

Frequently Asked Questions

01 **Can Impala MCP find me hotels by coordinates?**

Yes, it can. You use the search_hotels tool to pinpoint locations using specific geographic coordinates instead of just relying on city names.

02 **Does Impala check real-time pricing or historical rates?**

It checks real-time data. The get_rates tool pulls current prices and cancellation policies, which is what you need for booking today.

03 **How does the Impala MCP handle room types?**

The get_room_types tool lets your agent distinguish between different categories of rooms at a hotel, so you know exactly what kind of space you're comparing prices on.

04 **Can I use Impala to find hotels in an entire region?**

You can. You might start by using search_hotels_by_city for the main hub, and then refine your search or check adjacent areas with coordinates.

05 **What is the best way to use Impala to compare rates?**

The most effective method is asking the agent to run get_rates after you have confirmed a hotel name and date range. This groups all pricing options together for easy comparison.

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 `"impala": { "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

Impala 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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