

MCP SERVER

NO CODE

CLOUD HOSTED

Birthday Party Planner MCP.

Handle all your event logistics through your AI client.

Birthday Party Planner MCP handles the heavy lifting for your celebrations. It calculates food needs based on guest ages, determines how many supervisors you'll need, and checks if your planned expenses actually fit your budget. You can generate full itineraries and shopping lists through any MCP-compatible client like Claude or Cursor.

A+ Quality Score 100/100

party

birthday

logistics

budgeting

planning



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.

Birthday Party Planner MCP

4 tools available

Cloud-hosted on Vinkius

Planning a birthday party involves a lot of moving parts that are easy to mess up. This MCP gives your AI client the specific tools needed to manage those details without the guesswork. Instead of manually calculating how much food to buy or how many adults need to be present to watch the kids, you just provide the guest list and budget. Your agent then runs the math to give you a concrete plan. You can build a full timeline for the day, get a specific shopping list, and verify that your vendor quotes won't put you over budget. It turns a messy list of ideas into a structured logistics plan.

Core Capabilities

01 — Logistics Planning

Your agent creates a full itinerary and shopping list for the event.

02 — Food Math

The AI calculates specific food quantities based on guest ages and portions.

03 — Staffing Estimates

The tool determines the number of supervisors needed for guest safety.

04 — Budget Verification

Your agent checks if your vendor and supply costs stay within your limits.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/birthday-party-planner — connect your AI agent in three steps.

- 01 Connect the MCP to Claude, Cursor, or Windsurf via Vinkius.
- 02 Provide your guest details, budget, and vendor costs to your AI client.
- 03 The agent uses the tools to run calculations and build plans.
- 04 Review the generated timeline, shopping list, and budget check.

Connect the MCP to your client and start asking for party plans.

Built For

This is for anyone managing event logistics who wants to offload the math and scheduling to an AI agent.

Event Coordinators

Hand off the initial budget checks and staffing math to the AI.

Parents

Use the agent to build shopping lists and timelines for kids' parties.

Party Planners

Delegate the calculation of food portions and logistics breakdowns.

What Changes When You Connect

- 01Reduces manual math for food and staffing requirements.
- 02Prevents budget overruns by checking costs against limits.
- 03Creates structured timelines from simple event details.
- 04Generates actionable shopping lists automatically.

Real-World Applications

Kids Birthday Parties

Calculate how many supervisors are needed for a group of young children.

Grocery Planning

Get a precise food quantity count based on guest profiles.

Budget Management

Check if a specific vendor quote will fit into your existing party budget.

Event Scheduling

Build a minute by minute timeline for a multi hour celebration.

Patterns to Avoid

Guessing food quantities

❌ AVOID

You tell your agent you have 20 guests and hope for the best without providing age details.

✓ INSTEAD

Provide specific guest profiles to use `calculate_food_requirements` for an exact count of supplies.

Ignoring supervision ratios

❌ AVOID

You assume three adults can watch fifteen toddlers without checking safety requirements.

✓ INSTEAD

Run `estimate_staffing_needs` to determine the correct number of supervisors based on guest ages.

Overlooking hidden costs

❌ AVOID

You assume your vendor quote is fine without checking it against your total spending limit.

✓ INSTEAD

Use `verify_budget_feasibility` to confirm your planned costs won't exceed your set budget.

The Right Fit

Connect this MCP if you are managing an event where food, staffing, and budget math are critical. Do not connect it if you are just looking for party game ideas or themes. The decision comes down to whether you need a structured logistics plan or just a list of inspirations.

Birthday Party Planner MCP Tools

These tools handle the math and logistics for your event. They turn guest lists and budgets into actionable plans.

#	TOOL	DESCRIPTION
01	calculate_food_requirements	This tool determines exactly how much food and supplies you need based on the specific profiles of your guests.
02	estimate_staffing_needs	Use this to figure out how many supervisors are required to keep things safe based on the ages of the guests.
03	verify_budget_feasibility	This tool checks your planned costs against your total budget to make sure you aren't overspending.
04	plan_party_logistics	This tool generates a complete party plan that includes a timeline, shopping list, staffing requirements, and a cost breakdown.

See It in Action

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

U Plan a party for 10 guests. Ages are 5, 6, 5, 7, 8, 4, 5, 6, 7, 5. Budget is 500. Food portion is 2. Activity is 60 minutes. Venue is open for 4 hours. Vendors: Cake at 50, DJ at 150.



Timeline: 0:00 Arrival, 0:30 Activity starts, 1:30 Activity ends, 2:00 Departure. Shopping List: 20 food units. Staffing: 3 supervisors needed. Total Cost: 200.

U How much food do I need for 5 guests aged 25, 30, 28, 35, and 40 if the baseline portion is 3?



You will need 15 total food units.

U Is a budget of 100 enough for a 50 dollar cake and 60 dollar entertainer?



No, the total cost of 110 exceeds your budget of 100.

Frequently Asked Questions

01 What AI clients can I use with this MCP?

You can use this with any MCP-compatible client, including Claude, Cursor, and Windsurf.

02 How does it calculate food needs?

It uses guest profiles and a baseline portion number to determine the total food units required.

03 Can it help with staffing?

Yes, it estimates how many supervisors you need based on the ages of your guests.

04 Will it tell me if I am over budget?

Yes, the budget feasibility tool compares your total costs against your set budget and tells you if you have exceeded it.

05 Do I need to host the MCP myself?

No, Vinkius hosts and manages the MCP for you. You just connect it to your client.

06 How do I plan a full party with one command?

You can use the `plan\_party\_logistics` tool, which takes your guest count, ages, budget, and vendor costs to produce a complete timeline and shopping list.

07 Can I check if my party is within budget?

Yes, the `verify\_budget\_feasibility` tool allows you to compare your total estimated costs against your available funds.

08 How is staffing calculated?

The `estimate\_staffing\_needs` tool calculates the required number of supervisors based on the age distribution of your guests.

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>"birthday-party-planner": { "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

Birthday Party Planner 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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DOCUMENT INFORMATION

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Endpoint	https://edge.vinkius.com/{token}/mcp

LICENSE & USAGE

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