

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

Holiday Dinner Planner MCP

Turn your recipes and guest counts into a complete hosting plan.

Holiday Dinner Planner handles the math and timing of hosting large meals. It converts your recipes and guest lists into precise ingredient amounts, organized shopping lists, and step-by-step cooking schedules. You can also get budget estimates and inventory checks for table settings to make sure you have enough plates and cutlery for everyone.

A+ Quality Score 98.33/100

cooking

planning

recipes

budgeting

events



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.

Holiday Dinner Planner MCP

5 tools available

Cloud-hosted on Vinkius

Hosting a big dinner shouldn't feel like a math problem. This MCP takes the guesswork out of large-scale meal prep by connecting your recipes directly to your AI client. Instead of manually scaling ingredients or guessing when to put the turkey in the oven, you let your agent do the heavy lifting.

Once you provide your guest count and chosen recipes, the MCP calculates exactly how much food you need to buy. It builds a chronological timeline so you aren't rushing to finish the main course right as guests arrive. You can also use it to organize your shopping trips with categorized lists and keep your spending in check with budget overviews. It even helps with the physical setup by checking if you have enough silverware and plates for a formal or casual table setting.

Core Capabilities

01 — Recipe Scaling

Your agent uses this to adjust ingredient amounts based on how many people you are feeding.

02 — Time Management

The AI uses this to build a countdown schedule so food is ready when guests arrive.

03 — Inventory Auditing

Your agent checks if you have enough plates and cutlery for your specific table setting.

04 — Budget Tracking

The AI provides a financial overview to keep your meal costs within a specific range.

05 — Shopping Organization

Your agent generates a grouped list of ingredients to make grocery shopping more efficient.

One Click on Vinkius — From Prompt to Execution

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

01 Connect your preferred client like Claude or Cursor to Vinkius.

02 Provide your recipes and guest count to your AI agent.

03 Ask the agent to scale ingredients or build a timeline.

04 Review the generated shopping lists and budget estimates.

05 Follow the chronological schedule to prepare the meal.

Connect the MCP to your AI client and start planning immediately.

Built For

This MCP is built for anyone responsible for managing large group meals or holiday events.

Home Hosts

People managing holiday dinners who want to hand off the math and scheduling to an agent.

Event Planners

Professionals who need to quickly scale recipes and check inventory for small to medium events.

Catering Assistants

Staff members using AI to generate shopping lists and cooking timelines for specific orders.

What Changes When You Connect

01 Eliminates manual ingredient scaling math.

02 Prevents timing errors with backward-calculated cooking schedules.

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- 03 Reduces shopping errors with categorized ingredient lists.
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- 04 Prevents shortages of plates and cutlery through inventory checks.
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Real-World Applications

Large Holiday Gatherings

Scale a single recipe for a family of 20 and get a full cooking timeline.

Formal Dinner Parties

Calculate exactly how many pieces of glassware and silverware you need for a formal setting.

Budget-Conscious Hosting

Get a high-level financial overview before you start buying ingredients.

Efficient Grocery Runs

Turn a messy list of recipe ingredients into a clean, categorized shopping list.

Patterns to Avoid

Manual Scaling Errors

❌ AVOID

You try to multiply a recipe for 4 people by 5 in your head to feed 20 guests. You end up with too little flour or not enough butter.

✓ INSTEAD

Let your agent handle the math using ``plan_menu_quantities`` to get exact amounts for your specific guest count.

Poor Timing Management

❌ AVOID

You start roasting the turkey at 4 PM for a 6 PM dinner, only to realize the sides need an hour of prep time first.

✓ INSTEAD

Use ``generate_cooking_timeline`` to build a schedule that works backward from your serving time.

Last Minute Inventory Shortages

⚠ AVOID

You realize halfway through dinner that you only have six wine glasses for a table of twelve.

✓ INSTEAD

Run ``calculate_table_settings`` before the guests arrive to confirm you have enough plates and cutlery.

The Right Fit

Connect this MCP if you are managing a large group meal or a formal event where timing and inventory matter. Do not connect it if you are just cooking a quick meal for two or three people. The decision rests on whether the math of scaling recipes and scheduling tasks outweighs the effort of doing it manually.

Holiday Dinner Planner: 5 Specialized Kitchen Management Tools

These tools handle the math and logistics of meal prep, from scaling ingredients to managing your kitchen timeline.

#	TOOL	DESCRIPTION
01	create_shopping_list	This tool builds a categorized list of everything you need to buy. It groups items together to make your trip to the store faster.
02	calculate_table_settings	This tool checks your inventory for physical items. It tells you exactly how many plates, forks, and glasses you need for your guest count.
03	estimate_total_budget	This tool provides a high-level look at your expected costs. It helps you see the financial impact of your planned menu.
04	generate_cooking_timeline	This tool creates a step-by-step schedule for your kitchen tasks. It works backward from your serving time so everything finishes on schedule.
05	plan_menu_quantities	This tool scales your recipes to match your guest list. It calculates the exact amount of every ingredient required for the group.

See It in Action

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

U I have 12 guests and a recipe for Roast Turkey that serves 8. How much turkey and seasoning do I need?



To serve 12 guests, you will need 1.5 times the original recipe quantities. This includes 15kg of turkey and 45g of seasoning.

U What items do I need to buy for a formal dinner for 6 people?



For a formal dinner for 6, you will need 6 plates, 6 dessert spoons, 6 forks, 6 knives, 6 spoons, and 12 pieces of glassware.

U I want to serve dinner at 7:00 PM. When should I start preparing my recipes?



Based on your recipes, you should begin preparation at 3:30 PM to account for all cooking and resting durations before the 7:00 PM serving time.

Frequently Asked Questions

01 How does this MCP handle different guest counts?

The `plan_menu_quantities` tool scales every ingredient in your recipe to match your specific number of guests.

02 Can I use this with Claude or Cursor?

Yes, this MCP works with any MCP-compatible client including Claude, Cursor, and Windsurf.

03 Will it tell me when to start cooking?

Yes, the `generate_cooking_timeline` tool creates a schedule based on your target serving time.

04 Does it help with table settings?

Yes, you can use the `calculate_table_settings` tool to determine how many plates and utensils you need.

05 How are the shopping lists organized?

The `create_shopping_list` tool generates a consolidated and categorized list to make shopping easier.

06 How does the tool handle ingredient scaling?

The `plan_menu_quantities` tool scales all ingredients proportionally based on your total guest count relative to the original recipe servings.

07 Can I plan for different dining styles?

Yes, using `calculate_table_settings`, you can specify either a 'formal' or 'casual' style to determine the required inventory of plates, cutlery, and glassware.

08 How do I ensure my food is ready on time?

You can use `generate_cooking_timeline` by providing your target serving time. The tool calculates a backward schedule including prep, cooking, and resting times.

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>"holiday-dinner-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

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

LICENSE & USAGE

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