

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

Care Household Supply Plan MCP

Keep your home stocked without manual tracking.

Care Household Supply Plan MCP connects your AI agent to your home supply chain. It handles the math of when you'll run out of essentials, assigns shopping tasks to specific people based on budget, and provides storage instructions for new deliveries. It even suggests approved substitutes if your usual brand is out of stock.

A+ Quality Score 100/100

inventory

replenishment

budgeting

household-management

supply-chain



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.

Care Household Supply Plan MCP

4 tools available

Cloud-hosted on Vinkius

Managing a household's inventory shouldn't feel like a second job. This MCP turns your AI client into a logistics manager for your home. Instead of checking the pantry every three days, you let your agent track consumption patterns and predict shortages before they happen. You can delegate shopping duties by letting the AI assign specific items to different people in your house while staying within a set budget. When deliveries arrive, your agent knows exactly where everything belongs. If a store is out of your preferred brand, the AI doesn't just stop; it checks your pre-approved list of substitutes to keep things moving. It's about moving from reactive panic buying to a predictable, automated replenishment cycle.

Core Capabilities

01 — Predictive Replenishment

Your agent calculates exactly when supplies will hit zero.

02 — Budgeted Assignments

The AI assigns shopping tasks to specific people while respecting cost limits.

03 — Storage Guidance

Your agent provides instructions on where to put new deliveries.

04 — Automated Substitutions

The AI suggests pre-approved alternatives when items are out of stock.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/care-household-supply-plan — connect your AI agent in three steps.

- 01 Connect your AI client to the Care Household Supply Plan MCP via Vinkius.
- 02 Ask your agent to check your replenishment calendar for upcoming shortages.
- 03 Use the agent to generate shopping assignments for your household members.
- 04 Follow the agent's storage instructions when new supplies arrive.

You connect your AI client to the Vinkius-hosted MCP and start managing your supplies through natural language.

Built For

This MCP is built for anyone managing a multi-person household or a complex supply chain for domestic needs.

Household Managers

People who want to automate the mental load of grocery and supply tracking.

Family Coordinators

Users who need to assign specific shopping tasks to different family members.

Smart Home Enthusiasts

Users who want to integrate their inventory data directly into their AI agents.

What Changes When You Connect

- 01 Eliminates the need for manual inventory checks.
- 02 Reduces last-minute trips to the store through predictive scheduling.

-
- 03** Distributes shopping responsibilities across multiple people automatically.
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- 04** Prevents decision fatigue during out-of-stock scenarios.
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Real-World Applications

Weekly Grocery Planning

Your agent looks at the replenishment calendar to build a shopping list before you run out of food.

Delivery Coordination

When a shipment arrives, your agent tells you exactly where to store the items.

Budget Management

The AI assigns specific shopping duties to ensure total spending stays within your limits.

Emergency Substitutions

If a store is out of your usual brand, your agent immediately suggests the correct fallback item.

Patterns to Avoid

Manual inventory tracking

❌ AVOID

You spend every Sunday afternoon checking the pantry and writing down what you need on a notepad.

✓ INSTEAD

Let your agent handle the math by using `get_replenishment_calendar` to predict shortages before they happen.

Uncoordinated shopping trips

❌ AVOID

Two different family members buy the same gallon of milk because nobody communicated who was going to the store.

✓ INSTEAD

Use `generate_purchase_assignments` to assign specific duties and keep everyone on the same page within your budget.

Panic buying when items run out

❌ AVOID

You realize you're out of coffee and have to drive to the store immediately because you didn't have a backup plan.

✓ INSTEAD

Set up `get_out_of_stock_fallback` so your agent knows exactly which brand to grab if your usual choice is missing.

The Right Fit

Connect this MCP if you manage a multi-person household and want to stop manually tracking every grocery item. Do not connect it if you live alone and don't mind checking your own supplies. The decision comes down to whether you want to automate the mental load of domestic logistics.

Care Household Supply Plan Tools

These tools manage your home inventory, automate shopping assignments, and handle unexpected out-of-stock scenarios.

#	TOOL	DESCRIPTION
01	generate_purchase_assignments	This tool handles the logistics of who buys what and how much it costs. It maps out shopping duties based on your budget and the roles of people in your household.
02	get_delivery_instructions	This tool tells your agent how to receive and store incoming items. It provides specific guidance on where to put supplies once they arrive.
03	get_out_of_stock_fallback	This tool provides approved substitutes when an item is unavailable. Your agent uses this to find a replacement that meets your household standards.
04	get_replenishment_calendar	This tool tracks your inventory levels to predict shortages. It tells your agent exactly when you'll run out of items and when to schedule the next purchase.

See It in Action

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

U When will I run out of milk and laundry detergent?



You'll run out of milk on Tuesday, October 24th, and laundry detergent on Friday, October 27th.

U Who is responsible for buying the groceries this week?



John is assigned to buy milk and eggs, while Sarah is assigned to the cleaning supplies.

U What should I do if the brand of coffee I usually buy is unavailable?



You should purchase the medium roast blend instead, as it is your primary preferred substitute.

Frequently Asked Questions

01 How does the MCP know when I am running out of items?

The MCP uses the `get_replenishment_calendar` tool to track usage and predict when stock will be depleted.

02 Can I assign specific people to do the shopping?

Yes, the `generate_purchase_assignments` tool allows your agent to assign shopping tasks to specific people based on their roles.

03 What happens if my preferred brand is not in stock?

Your agent uses the `get_out_of_stock_fallback` tool to suggest an approved substitute you have already selected.

04 Does this MCP work with any AI client?

Yes, it works with any MCP-compatible client like Claude, Cursor, or Windsurf.

05 Where do I find the storage instructions for my deliveries?

You can ask your agent for delivery instructions, which it retrieves using the `get_delivery_instructions` tool.

06 How does the system decide when to reorder items?

The system uses `'get_replenishment_calendar'` to monitor inventory levels against usage rates and reorder thresholds to trigger timely purchases.

07 Can I limit how much is spent on supplies?

Yes, `'generate_purchase_assignments'` respects your defined budget limit and prioritizes urgent items if the budget is tight.

08 What happens if a specific item is out of stock?

The `'get_out_of_stock_fallback'` tool will suggest a substitute from your pre-defined list of preferred alternatives.

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>"care-household-supply-plan": { "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

Care Household Supply Plan 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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