MCP SERVER | NO CODE | CLOUD HOSTED

Care Laundry Household Rotation MCP

Automate your household laundry logistics and helper schedules.

Care Laundry Household Rotation MCP handles the messy logistics of managing laundry tasks. It coordinates helper availability, tracks storage capacity, and ensures smooth handoffs between staff. Your AI client uses this to build rotation schedules, generate pickup instructions, and create fallback plans when primary helpers are unavailable.

A+ Quality Score 100/100

laundry | rotation | scheduling | household-management | logistics

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vinkius.com/en/ai-agent-connect/care-laundry-household-rotation

SCAN TO VIEW

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.

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.

Care Laundry Household Rotation MCP

4 tools available
Cloud-hosted on Vinkius

Managing a household's laundry needs involves more than just washing clothes. You have to coordinate multiple helpers, track how much storage space is left, and ensure tasks actually get completed without constant supervision. This MCP takes that coordination off your plate. You can use your AI client to distribute laundry tasks among available staff while making sure you don't exceed your storage limits. If a scheduled helper can't make it, the MCP helps you figure out the next move. It also handles the sensitive part of household management by generating privacy-compliant handoff lists for staff transitions. Instead of manually tracking who does what and when, you just tell your agent the constraints, and it handles the scheduling and instructions.

Core Capabilities

01 — Task Distribution

Your agent uses this to assign laundry duties to available helpers based on their schedules.

02 — Capacity Management

The AI checks storage limits before scheduling new laundry tasks to prevent overflow.

03 — Contingency Planning

Your agent triggers this when a primary helper is unavailable to find a backup plan.

04 — Logistical Guidance

The AI generates specific instructions for helpers to follow during pickups.

05 — Privacy-Safe Handoffs

Your agent creates summaries for staff changes that protect household privacy.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/en/ai-agent-connect/care-laundry-household-rotation** — connect your AI agent in three steps.

01 Connect your preferred MCP-compatible client to Vinkius.

02 Tell your agent your laundry schedule and storage constraints.

03 The MCP calculates the optimal rotation and assigns tasks.

04 Your agent provides instructions or handoff lists as needed.

Connect your AI client to Vinkius to start managing household laundry logistics immediately.

Built For

This MCP is built for people managing complex household operations and staff rotations.

Estate Managers

They hand off staff scheduling and task distribution to the AI.

Household Managers

They use the AI to manage laundry logistics and storage constraints.

Private Household Owners

They use the AI to coordinate helper handoffs and pickup instructions.

What Changes When You Connect

01 Prevents storage overflow by tracking capacity during scheduling.

02 Reduces manual coordination by automating helper rotations.

03 Maintains service continuity through automated fallback planning.

04 Protects household privacy during staff handoffs.

Real-World Applications

Staff Rotation

Distribute laundry duties across a team of helpers while respecting their availability.

Storage Control

Ensure laundry tasks don't exceed the physical storage limits of your facility.

Emergency Backups

Automatically generate a new plan when a scheduled helper becomes unavailable.

Staff Transitions

Create clean, privacy-compliant handoff lists when staff members change shifts.

Patterns to Avoid

Ignoring storage capacity

AVOID

You tell your agent to schedule a massive laundry load for tomorrow without checking if you have the shelf space.

✓ INSTEAD

Always account for physical limits by using schedule_laundry_rotation to ensure tasks stay within your storage capacity.

Manual staff handoffs

AVOID

You write out long, detailed notes for a new helper that include too much personal household information.

✓ INSTEAD

Use generate_handoff_list to create clean, privacy-compliant summaries that protect your household's details.

Reactive scheduling

AVOID

A helper calls out sick and you spend an hour trying to figure out who can cover the shift manually.

✓ INSTEAD

Run calculate_fallback_plan immediately when a primary helper is unavailable to find a pre-planned alternative.

The Right Fit

Estate and household managers should connect this MCP if they oversee staff rotations and laundry logistics. People managing simple, single-person households with no staff changes don't need it. The decision depends on whether you need to coordinate multiple helpers while respecting physical storage constraints.

Care Laundry Household Rotation Tools

These tools manage staff schedules, storage limits, and logistical handoffs for laundry operations.

#	TOOL	DESCRIPTION
01	`calculate_fallback_plan`	This tool determines the next steps if your primary helper rotation fails. It finds alternative ways to keep laundry moving when the main plan falls through.
02	`generate_handoff_list`	This tool creates a clean summary for household transitions. It ensures handoffs are smooth and follow privacy guidelines.
03	`get_pickup_instructions`	This tool generates specific logistical instructions for the assigned helper. It tells them exactly how and where to handle the laundry.
04	`schedule_laundry_rotation`	This tool calculates how to distribute laundry tasks among available helpers. It respects your specific constraints like storage limits and staff availability.

See It in Action

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

U Schedule laundry for Monday and Wednesday with a storage limit of 5 units.

Laundry tasks have been scheduled for Monday and Wednesday. Total capacity used is within the 5-unit limit.

U Generate pickup instructions for the laundry located in the basement.

Please collect the laundry from the basement using the standard pickup method.

U Create a handoff list for the helper with minimal privacy masking.

Handoff complete: 3 tasks assigned at the laundry room location.

Frequently Asked Questions

01 **How does this MCP handle storage limits?**

The schedule_laundry_rotation tool checks your defined storage capacity before assigning tasks to ensure you don't run out of space.

02 **What happens if a helper is unavailable?**

You can use the calculate_fallback_plan tool to determine the next best steps for maintaining the laundry rotation.

03 **Can I use this with Claude or Cursor?**

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

04 **Does it protect my household privacy?**

Yes, the generate_handoff_list tool is designed to create summaries that are privacy-compliant for staff transitions.

05 **How do helpers know where to go?**

The get_pickup_instructions tool generates specific logistical details for the assigned helper to follow.

06 **How does the rotation work?**

The system uses `schedule_laundry_rotation` to match laundry tasks with helpers based on their specific availability days and the household's storage capacity.

07 **What happens if no helper is available?**

If a task cannot be assigned, the `calculate_fallback_plan` tool determines the next step based on your chosen policy, such as notifying the user.

08 **Is helper information kept private?**

Yes. The `generate_handoff_list` tool applies privacy rules to mask personal details during household transitions.

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 `"care-laundry-household-rotation": { "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

Care Laundry Household Rotation 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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Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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