

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

Household Guest Access Register MCP.

Control guest entry and zone permissions through your AI agent.

Household Guest Access Register MCP manages the entire lifecycle of visitors in residential or facility settings. Your AI client uses this MCP to log arrivals, check if guests have permission to enter specific areas, monitor who is currently on-site, and confirm that all departure protocols are finished before someone leaves.

A+ Quality Score 100/100

guest-access

residential

permissions

entry-log

departure-protocol



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.

Household Guest Access Register MCP

4 tools available

Cloud-hosted on Vinkius

You can use this MCP to bridge the gap between your AI agent and your property's access control registry. Instead of manually checking logs or physical sign-in sheets, you simply ask your AI client to handle the heavy lifting. It manages everything from the moment a visitor arrives until they walk out the door.

You can verify if a specific person is allowed in the kitchen or a private office without leaving your chat interface. The MCP keeps a real-time list of everyone currently on the premises, so you always know who is in the building. When it's time for guests to leave, the MCP helps you confirm they've completed necessary tasks, like returning keys or signing out, ensuring your security protocols stay intact. It's a direct way to turn your AI into a digital concierge and security monitor for any managed residential space or facility.

Core Capabilities

01 — Access Verification

Your AI checks specific zone permissions for any registered guest.

02 — Real-time Monitoring

The agent pulls a live list of all visitors currently on-site.

03 — Entry Logging

Your AI records new visitor arrivals directly into the registry.

04 — Departure Validation

The agent confirms that all exit tasks are finished for departing guests.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/household-guest-access-register — connect your AI agent in three steps.

- 01 Connect your preferred AI client to the Vinkius hosted MCP.
- 02 Tell your AI client to register a new guest arrival.
- 03 Ask the AI to check permissions for specific zones.
- 04 Request a list of active guests to see who is on-site.
- 05 Use the AI to validate that departure tasks are complete.

You connect your AI client to the hosted MCP and start managing guests via text.

Built For

This MCP is built for people managing access to residential properties or secure facilities.

Property Managers

They hand off guest logging and permission checks to their AI agent.

Facility Security

They use the AI to monitor active visitors and validate departure protocols.

Residential Hosts

They manage guest lifecycles and zone access through a chat interface.

What Changes When You Connect

- 01 Connects your AI client directly to the property access registry.
- 02 Automates the verification of zone-specific permissions.

- 03 Maintains a real-time record of all active visitors.
- 04 Ensures departure protocols are followed through task validation.

Real-World Applications

Residential Guest Management

A host uses the AI to log a friend's arrival and check if they can access the guest suite.

Facility Security Monitoring

A security officer asks the AI for a list of everyone currently in the building.

Access Control Enforcement

The AI prevents unauthorized entry by checking specific zone permissions for visitors.

Departure Protocol Compliance

The agent confirms a visitor has completed all exit tasks before they are cleared to leave.

Patterns to Avoid

Manual Log Checking

❌ AVOID

You spend ten minutes scrolling through a physical sign-in book to see if a contractor is still on-site.

✓ INSTEAD

Ask your AI client for a live list of everyone in the building using ``list_active_guests``.

Guessing Zone Permissions

❌ AVOID

You assume a visitor has access to the main office and let them in without checking the registry.

✓ INSTEAD

Use ``check_guest_access`` to confirm exactly which zones a guest is allowed to enter before they walk in.

Skipping Departure Checks

❌ AVOID

A guest leaves the property, but you forget to check if they returned the keys or signed out.

✓ INSTEAD

Run ``validate_departure_tasks`` to ensure all exit requirements are met before the guest is cleared.

The Right Fit

Property managers and security teams should connect this MCP if they need to digitize guest oversight. If you don't have a digital registry that needs real-time updates or permission enforcement, this won't add value to your workflow.

Household Guest Access Register 4 Tools

These tools give your AI agent direct control over the property registry, from logging arrivals to verifying exit protocols.

#	TOOL	DESCRIPTION
01	check_guest_access	This tool verifies if a guest has permission to enter a specific area. Your AI uses it to confirm access rights for different zones.
02	list_active_guests	This tool provides a list of all guests currently on the premises. Use it to see who is actively present in the facility.
03	register_guest_entry	This tool records a new guest arrival in the system. It's how you log a visitor's entry into the registry.
04	validate_departure_tasks	This tool checks if a guest has finished all required exit protocols. It ensures departure requirements are met before they leave.

See It in Action

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

U Is guest_123 allowed to enter the Kitchen right now?



Yes, guest_123 has permission to enter the Kitchen until 2025-12-31T23:59:59Z.

U Who is currently in the house?



There are currently 2 active guests: Alice (Host: John) and Bob (Host: John).

U Check if guest_456 has finished their departure tasks: task_01, task_02.



All tasks are complete. guest_456 is cleared for departure.

Frequently Asked Questions

01 How do I connect this MCP to my AI?

You connect once from any MCP-compatible client like Claude, Cursor, or Windsurf. Vinkius hosts the MCP and manages the connection for you.

02 Can I check if a guest is allowed in a specific room?

Yes. You can ask your AI client to use the `check_guest_access` tool to verify permissions for specific zones.

03 Does this MCP track who is currently on the property?

Yes. The `list_active_guests` tool allows your AI to see all visitors currently present.

04 How does the departure process work?

The AI uses the `validate_departure_tasks` tool to ensure all required exit steps are finished before a guest is cleared.

05 Do I need to host this myself?

No. Vinkius hosts and manages the MCP, so it is ready to use immediately after you connect your client.

06 How do I check if a guest is allowed in a specific room?

You can use the `'check_guest_access'` tool by providing the guest ID, the name of the area, and the current timestamp.

07 Can I see everyone currently staying at the property?

Yes, the `'list_active_guests'` tool provides a real-time view of all guests currently present.

08 How is a guest cleared to leave?

A guest is cleared once all assigned tasks are finished, which you can verify using `'validate_departure_tasks'`.

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>"household-guest-access-register": { "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

Household Guest Access Register 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

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