

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

SuperTokens MCP for AI Agents

Manage user authentication and RBAC permissions through natural language.

SuperTokens lets you manage your entire authentication system using your AI agent. You can handle user signups, session security, and role-based permissions without touching a dashboard or writing scripts. It turns your auth layer into a conversational interface.

A+

Quality Score 98.33/100

authentication

session-management

rbac

jwt

user-lifecycle

security



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.

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.

SuperTokens MCP

18 tools available

Cloud-hosted on Vinkius

This SuperTokens MCP lets you manage your entire authentication system using your AI agent. Usually, when you need to handle a user lockout or update a permission level, you have to stop what you're doing, open a new browser tab, log into a dashboard, and hunt for the right ID. It's a tedious context switch that breaks your focus. This MCP changes that by letting you handle those tasks directly through your AI client. You can just tell your agent to find a user, check their status, and update their role in one go. It turns your authentication layer into a conversational tool. Whether you're updating custom metadata for a specific profile, unlinking accounts, or revoking suspicious sessions, the agent does the heavy lifting of talking to SuperTokens Core for you. You don't have to worry about the API calls or the specific order of operations. You just describe the result you want, and the agent makes it happen. It makes managing user lifecycles and Role-Based Access Control (RBAC) feel like a natural part of your workflow. You'll find it's much faster to handle these quick tasks when they don't require opening a new tab or writing a one-off script. By connecting to the Vinkius catalog, you get access to this and thousands of other tools through a single connection from your preferred client. It makes your security operations more direct and less tedious.

Core Capabilities

01 — Sign up or sign in users

Create new user accounts or authenticate existing ones through your agent.

02 — Revoke or refresh active sessions

Manage user access by killing sessions or extending their validity.

03 — Assign roles and permissions

Grant or modify specific permission levels for any user in your system.

04 — Update custom user metadata

Modify and track application-specific data points on user profiles.

05 — Link or unlink multiple accounts

Merge or separate different user identities into a single profile.

06 — Bulk import user data

Populate your system with multiple user records in a single operation.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/supertokens — connect your AI agent in three steps.

- 01 Subscribe to the SuperTokens MCP on Vinkius.
- 02 Add your SuperTokens Core URL and API Key to the configuration.
- 03 Ask your agent to perform tasks like 'revoke all sessions for user X'.

The bottom line is you get a conversational interface for your entire authentication and user management layer.

Built For

For the backend dev who hates writing manual scripts for user updates, the support lead who needs to fix login issues fast, and the security engineer who needs to audit roles instantly.

Backend Developer

Debugging user sessions or updating roles without writing manual scripts or using the CLI.

Support Engineer

Inspecting user metadata and account status to resolve login issues for customers.

Security Engineer

Auditing roles and revoking suspicious sessions during a security incident.

What Changes When You Connect

- 01 Stop writing one-off scripts to update user roles because `assign_role_to_user` lets your agent handle it instantly.
- 02 Fix customer login issues faster by using `get_user` and `update_user_metadata` to see what's wrong and fix it on the fly.
- 03 Tighten security by using `remove_session` to kick out suspicious users without needing to find their session ID manually.

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- | | |
|-----------|---|
| 04 | Handle complex identity tasks like <code>link_accounts</code> and <code>unlink_accounts</code> without navigating through nested menus. |
| <hr/> | |
| 05 | Speed up testing by using <code>bulk_import_users</code> to populate your environment with dummy data in one go. |
| <hr/> | |
| 06 | Manage multi-tenant environments more easily with <code>create_or_update_tenant</code> and <code>get_tenant</code> commands. |
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Real-World Applications

Immediate Security Response

A user's account is compromised. You tell your agent to `remove_session` for that user and `assign_role_to_user` to 'locked' to stop the attack immediately.

Bulk Data Migration

You need to move 500 users from a legacy system. You use `bulk_import_users` to populate your SuperTokens Core instance without manual entry.

Fast Support Resolution

A customer can't access a feature. You use `get_user` to check their permissions and `create_or_update_role` to fix their access level in seconds.

Account Merging

A customer wants to combine two accounts. You use `link_accounts` to merge their identities into one primary profile.

Patterns to Avoid

Manual Scripting for Roles

✗ AVOID

Trying to write a Python script to update 10 different user roles one by one.

✓ INSTEAD

Use `assign_role_to_user` to let the agent handle the updates via natural language.

Dashboard Fatigue

✗ AVOID

Clicking through 5 different menus to find a specific tenant ID.

✓ INSTEAD

Use `get_tenant` to pull the info directly into your chat.

Database Session Killing

X AVOID

Manually killing sessions in a database to revoke access.

✓ INSTEAD

Use `remove_session` to revoke access safely through your AI client.

The Right Fit

Use this if you need to manage SuperTokens Core users, roles, or sessions via a conversational interface. It is perfect for support teams or developers who want to skip the dashboard for routine tasks like updating metadata or changing permissions. Don't use this if you need to build a custom UI for your users, as this is for managing the backend. Don't use it if you aren't using SuperTokens Core as your auth provider, as it won't work with other auth systems.

SuperTokens Auth Management for Faster User Lifecycle Control

You're currently jumping between your terminal and the SuperTokens dashboard. You have to find the right user ID, copy it, switch tabs, find the role settings, and manually click 'assign.' It's a lot of friction for a five-second task.

With this MCP, you just tell your agent to give a user a specific role. It talks to SuperTokens Core for you and confirms the change is done. You stay in your chat and get the job done instantly.

SuperTokens RBAC and Session Security for Secure Identity Management

Auditing roles or revoking sessions usually requires hunting through logs or using a CLI. You have to keep track of session IDs and manually expire them one by one when a security risk pops up.

This MCP lets you audit and revoke permissions with a single sentence. You get immediate control over who can access what without the manual overhead.

SuperTokens 18-Tool Auth & RBAC Management

Manage your entire auth layer, from user signups and session security to complex RBAC and multi-tenant data.

#	TOOL	DESCRIPTION
01	assign_role_to_user	Assign a specific role to a user account. This helps you manage permissions without clicking through menus.
02	bulk_import_users	Import a large batch of users into your system at once. This is perfect for setting up test data or migrating accounts.
03	create_or_update_role	Create a new user role or modify an existing one. Use this to define new permission levels for your app.
04	create_session	Generate a new session for a user to grant access. This allows you to manually authorize a user into the system.
05	create_or_update_tenant	Create a new tenant or update details for an existing one. Use this to manage multi-tenant data structures.
06	delete_user_metadata	Remove specific metadata associated with a user profile. This keeps your user data clean and organized.
07	get_tenant	Retrieve the details and configuration of a specific tenant. Use this to quickly check your multi-tenant setup.
08	get_user_metadata	Fetch the custom JSON metadata for a specific user. This lets you see custom preferences or app-specific data.
09	get_user	Retrieve the full profile and details for a specific user ID. This is the quickest way to check a user's current status.
10	link_accounts	Connect two different user accounts into a single identity. Use this to merge user profiles as needed.
11	list_roles	View a complete list of all roles currently in the system. This is helpful for auditing your current permission structure.
12	list_user_roles	See all the roles assigned to a particular user. Use this to verify what permissions a specific person has.
13	refresh_session	Update an existing session to extend its validity. This keeps users logged in without requiring a full re-authentication.

#	TOOL	DESCRIPTION
14	remove_session	Revoke an active session to kick a user out of the app. This is your go-to tool for immediate security actions.
15	signin_user	Authenticate a user and start a new session. Use this to programmatically sign users into your application.
16	signup_user	Create a new user account in the system. This allows your agent to handle new registrations for you.
17	unlink_accounts	Separate two previously linked user accounts. Use this to undo a previous account merge.
18	update_user_metadata	Modify or add custom JSON data to a user profile. This lets you track application-specific data points.

See It in Action

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

U Can you see if user-99 has any active sessions?



I checked the session logs for user-99. They currently have 3 active sessions. Would you like me to revoke any of them?

U Give the 'editor' role to user-456.



I've assigned the 'editor' role to user-456. They now have the permissions associated with that role.

U What's the metadata for user-123?



Here is the custom metadata for user-123:

- **Plan:** Premium
- **Onboarding:** Complete
- **Beta_Access:** True

Frequently Asked Questions

01 How does SuperTokens MCP help with user management?

It lets you handle the entire user lifecycle through natural language. You can sign up users, check their profiles, and update their account details without leaving your chat interface.

02 Can I use SuperTokens MCP to manage roles?

Yes, you can use it to manage Role-Based Access Control (RBAC). You can list all roles, create new ones, and assign them to specific users instantly.

03 Does the SuperTokens MCP support session security?

It does. You can use your agent to refresh active sessions or revoke them immediately to kick a user out of your application for security reasons.

04 Can I use SuperTokens MCP for multi-tenant apps?

Yes, it includes tools to create, update, and retrieve tenant details, making it easy to manage multi-tenant data via your AI client.

05 How do I handle account linking with SuperTokens MCP?

You can use the MCP to link or unlink different user accounts, allowing you to merge multiple identities into a single primary user profile through conversation.

06 Can SuperTokens MCP update user metadata?

It can. You can use it to read and update custom JSON metadata for any user, which is perfect for tracking application-specific data points.

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>"supertokens": { "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

SuperTokens 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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