

MCP SERVER

NO CODE

CLOUD HOSTED

LearnUpon MCP

Automate LMS Management from Your Chat Client

LearnUpon MCP connects your Learning Management System (LMS) to any AI client, letting you manage user accounts, course catalogs, and enrollments without logging into the portal. You can quickly provision new learners, find specific training content by name, or assign groups of users to courses—all through natural conversation with your agent.

A+ Quality Score 100/100

lms

corporate-training

course-management

enrollment-tracking

learner-profiles



The infrastructure that powers AI agents in the real world.

Vinkius connects AI to the world's software through secure, enterprise-grade infrastructure — enabling real-world execution at scale, built on the Model Context Protocol (MCP).

Your AI Connections Run Through Vinkius Cloud

The world's largest
managed MCP catalog

Vinkius is the cloud infrastructure where AI agents connect 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 — 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.

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.

LearnUpon MCP

9 tools available

Cloud-hosted on Vinkius

Manage your entire learning operation directly from your AI client. This MCP gives your agent full access to your LearnUpon portal, treating it like a simple data source rather than another login screen. Instead of navigating complex menus to add or update learner details, you simply ask your agent what needs doing.

Need to onboard ten new employees into mandatory compliance training? Your agent handles the assignment and updates the enrollment records instantly. Want to check who has finished the advanced leadership course? It pulls that participation data for you. Whether you're an administrator updating accounts or a manager monitoring progress, this MCP lets your AI client handle the heavy lifting. Connecting through Vinkius ensures that once you subscribe, all compatible clients like Claude and Cursor can access these tools immediately, letting you manage complex learning pathways effortlessly.

Core Capabilities

01 — Manage Learner Accounts

Create new accounts or update existing user profiles using basic information.

02 — Discover Training Content

Search across your entire catalog to find courses by name or topic.

03 — Assign and Remove Courses

Enroll users into specific classes, or easily unenroll them when training is complete.

04 — Track Progress Statuses

List all active enrollments and check the current status of a user's participation.

One Click on Vinkius — From Prompt to Execution

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

- 01** Subscribe to this MCP in Vinkius, providing your LearnUpon Subdomain, API Key ID, and Secret.
- 02** Your agent connects using the credentials you provided. It then recognizes all available tools for user management and course interaction.
- 03** You give a plain language command—for example, 'Enroll John Doe into Advanced Security'—and your agent executes the required actions in LearnUpon.

The bottom line is that it turns complex LMS API calls into simple conversational commands from any MCP-compatible client.

Built For

LMS Administrators, Learning & Development Managers, and HR Specialists use this when their daily tasks involve moving data between systems or managing large cohorts of employees. They're tired of jumping through multiple tabs just to assign a course.

HR Specialist

Automating the onboarding process for new hires, ensuring every person gets enrolled in their mandatory initial training path.

L&D Manager

Running reports on course availability and tracking learner progress across dozens of simultaneous training programs without logging into the portal dashboard.

System Administrator

Maintaining user accounts, updating profiles after changes in department, or manually adjusting enrollments for audit purposes.

What Changes When You Connect

-
- 01 Instantly provision new users. Instead of manually creating accounts and setting up credentials, your agent handles the whole process using the `create_user` tool.

 - 02 Never get lost in the course catalog again. Use `search_courses` to instantly find training by name, eliminating manual browsing through hundreds of courses.

 - 03 Manage user access without ever logging into the LMS. Your agent can assign or remove users from classes using tools like `enroll_user_in_course` and `unenroll_user` based only on your request.

 - 04 Automate onboarding reporting. Running a report on who is enrolled where used to take 20 minutes of clicks. Now, simply asking for an enrollment list gets you the data via `list_enrollments`.

 - 05 Keep track of everything with one command. By using `list_users`, you can get all necessary user IDs before performing bulk operations like updating profiles or assigning courses.
-

Real-World Applications

Onboarding a new department

A specialist needs to ensure 15 new employees are assigned the 'Compliance' course. Instead of individually searching and enrolling each person, they simply tell their agent: 'Enroll all users in Department B into Compliance.' The agent uses `'enroll_user_in_course'` repeatedly until it's done.

Auditing user roles

An administrator needs to know which courses are active and who is taking them. They ask the agent to 'List all course enrollments.' The system uses `'list_enrollments'`, giving an immediate overview of every single class registration.

Updating contact details

A manager notices five users have outdated phone numbers. Instead of logging in and finding each user, they ask the agent to 'Update the phone number for John Doe.' The system uses `update_user` on the fly.

Finding required training

A team lead needs a refresher course on data governance. They don't know the exact title, so they ask the agent to 'Search for courses about data privacy.' The system uses `search_courses` and returns the top matches immediately.

Patterns to Avoid

Manual record keeping

X AVOID

The user manually checks the LMS dashboard, copies down a list of 50 users who need enrollment, pastes it into a spreadsheet, and then has to log back in to perform actions.

✓ INSTEAD

You tell your agent: 'Enroll all these 50 users into Course ID 123.' The agent handles the entire batch process using `enroll_user_in_course` without you ever leaving the chat client.

Using generic data lookups

X AVOID

The user tries to update a user's profile but forgets the specific user ID, so they have to run several searches and cross-reference IDs manually.

✓ INSTEAD

First, ask your agent to `list_users` or use `search_users` to confirm the exact ID. Then, give the precise command: 'Update User 12345's name.' This prevents errors.

Assuming data is current

X AVOID

The user assumes a course exists and tries to enroll someone, only to find out later that the course was retired or renamed.

✓ INSTEAD

Always start by asking the agent to `search_courses` first. This confirms the course ID and name are still valid before you try to assign anything.

The Right Fit

Use this MCP if your core administrative workflow revolves around user identities, class assignments, or status checks within a structured LMS environment. If you need to perform bulk actions like mass enrollment, updating multiple records simultaneously, or finding specific content by name, this is the tool for you. Don't use it just because you need to read one piece of data; if all you need is a simple report that doesn't require an action (like 'What was John

Doe's score on the test?'), consider a dedicated reporting connector instead. This MCP focuses on *action*—creating, updating, and enrolling. If your goal is only viewing general organizational charts or accessing unrelated HR data like payroll records, you need a different specialized integration.

Managing learner accounts used to be a nightmare of clicks.

Think about the process: You open the LMS dashboard. To onboard one person, you click 'Add User,' fill out three forms, save it. Then, you have to go to another tab, find that user's profile again, and manually add them to their mandatory courses. If you do this for ten people, you're clicking through dozens of tabs and copying IDs.

Now, with the LearnUpon MCP, those repetitive steps disappear. You tell your agent what needs doing—for example, 'Add Jane Doe and enroll her in onboarding.' The system handles the user creation, the ID retrieval, and all necessary assignments behind the scenes. You just get a confirmation.

LearnUpon MCP: Assigning Courses Effortlessly

The biggest time sink used to be cross-referencing who needs what. If you needed to assign five different courses to thirty people, you'd spend an hour on assignments and status checks alone. You'd have to run searches, find the IDs, and then execute each assignment one by one.

With this MCP, you just state the goal. The agent executes complex multi-step actions, like enrolling a group of users in multiple courses, instantly. It turns a two-hour administrative slog into a single chat command.

LearnUpon MCP with 9 Tools

These tools give your agent the ability to perform every administrative function needed for an LMS, from creating accounts to tracking progress.

#	TOOL	DESCRIPTION
01	<code>list_courses</code>	Retrieves a full list of every course available in the system catalog.
02	<code>enroll_user_in_course</code>	Assigns an existing user to a specific class using its ID.
03	<code>create_user</code>	Establishes a brand new learner account using their email, name, and password.
04	<code>unenroll_user</code>	Removes a user's active enrollment from a specified course.
05	<code>list_enrollments</code>	Generates a list of all current course enrollments across the platform.
06	<code>search_courses</code>	Finds relevant training courses by entering keywords from the title or description.
07	<code>search_users</code>	Locates specific user accounts using either their email address or unique username.
08	<code>update_user</code>	Modifies details on an existing learner account, such as name changes or role updates.
09	<code>list_users</code>	Provides a comprehensive list of all accounts to identify specific user IDs for later actions.

See It in Action

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

U Find the user with email 'learner@example.com' in LearnUpon.



I've searched your LearnUpon portal and found 'John Doe' (ID: 12345). He is currently active and has 3 active enrollments. Would you like to see his course progress?

U Search for courses related to 'Cybersecurity'.



I found 2 courses matching 'Cybersecurity': 'Introduction to Cybersecurity' (ID: 101) and 'Advanced Threat Detection' (ID: 102).

U Enroll user ID '12345' into course ID '101'.



Successfully enrolled user 12345 into 'Introduction to Cybersecurity'. The new enrollment ID is '98765'.

Frequently Asked Questions

01 How do I find all available training classes using the LearnUpon MCP?

You use the `list_courses` tool to retrieve every class ID and name in your catalog. This gives you a complete reference list before making any assignments.

02 Can the LearnUpon MCP create users with specific roles?

Yes, the `create_user` tool allows you to provision new learner accounts using required details like email, name, and password, setting them up for training access.

03 What if I need to remove a user from one course? Use LearnUpon MCP.

You use the `unenroll_user` tool. You simply tell your agent which user needs removing and from what specific class, and it handles the cleanup.

04 Does the LearnUpon MCP help me find a user's current status?

The `list_enrollments` tool lets you check who is currently signed up for which courses. It gives you a clear overview of all active class registrations.

05 How do I update a user's name using the LearnUpon MCP?







You use the `update_user` tool, providing the target user's ID and the new details. This keeps your records accurate without manual intervention.

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>"learnupon": { "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

LearnUpon 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](https://cloud.vinkius.com) →

vinkius.com · support@vinkius.com

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