MCP SERVER | NO CODE | CLOUD HOSTED

Umami (Privacy Analytics) MCP

Track events and manage user data without cookies.

Umami (Privacy Analytics) connects your AI agent to an open-source analytics dashboard. It lets you track user events, manage websites, and oversee team access without relying on third-party tracking cookies. You get full control over your data—the perfect alternative for anyone prioritizing user privacy.

A+ Quality Score 98.33/100

web-analytics | privacy-focused | event-tracking | data-visualization | website-traffic

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/umami-privacy-analytics

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.

Umami (Privacy Analytics) MCP

53 tools available
Cloud-hosted on Vinkius

Need reliable insights into how users interact with your site? This MCP connects your AI agent to Umami, a privacy-focused analytics system that tracks events and behavior locally. Instead of logging into complex dashboards, you simply ask your agent what you need—like total signups or bounce rate by device—and get the answer back in plain text. Whether you're tracking custom actions with `send_event`, needing to check which websites are active using `get_me_websites`, or managing user access via administrative tools, this MCP handles it all. This integration is available through Vinkius, making Umami accessible from any compatible AI client. It gives you direct command over your analytics data and infrastructure.

Core Capabilities

01 — Track User Actions

Send specific custom events or page views directly to the Umami instance.

02 — Manage Websites

List, create, and delete websites associated with your account or the entire instance.

03 — Handle User Provisioning

Create, update, or delete user accounts and manage team membership within Umami.

04 — Generate Reports

Pull detailed reports on revenue, conversions, retention, and general site performance metrics.

05 — View Realtime Data

Retrieve live statistics and activity logs for the current session or recent time frames.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/umami-privacy-analytics** — connect your AI agent in three steps.

01 Subscribe to this MCP, providing your Umami Instance URL and API credentials.

02 Authenticate by running a login command within your AI agent to get an active token.

03 Ask your agent specific questions like 'Show me the top 5 revenue reports' or 'List all teams,' and it executes the necessary tool calls.

The bottom line is that you talk to your agent, and it handles the connection, authentication, and data retrieval from Umami for you.

Built For

This MCP is built for technical roles—like DevOps Engineers, Data Analysts, and Product Managers—who spend too much time context-switching between analytics dashboards, CRM systems, and user management panels. If your job involves translating raw data into actionable insights, this connector saves you hours of manual clicking.

Data Analyst

Using the MCP, they can pull detailed metrics like pageviews or website event data without leaving their chat interface.

DevOps Engineer

They use it to automate user provisioning, such as running `create_user` and managing team structures across self-hosted instances.

Growth Marketer

Marketers can trigger test events using `send_event` or generate attribution reports to verify their tracking pipelines during testing.

What Changes When You Connect

01 Stop manually sifting through dashboards. You can tell your agent to pull detailed reports—like generating a `create_funnel_report` or running a `create_revenue_report`—and get the summary instantly, right where you are working.

02 Improve data integrity by automating tasks like sending test events. Need to verify a new signup flow? Use `send_event` to trigger and track specific actions without touching any code.

03 Gain full administrative control over your user base. You can use tools like `create_user`, `delete_user`, or `add_team_user` directly through conversation, eliminating the need to navigate complex admin panels.

04 Conserve time by getting an immediate overview of your digital assets. Quickly check all linked sites using `get_me_websites` or list every team available via `list_teams` in a single query.

05 Get clear visibility into traffic flow and user behavior. You can ask the agent to provide historical data, retrieving session details with `get_website_sessions`, or checking real-time stats using `get_realtime_stats`.

Real-World Applications

Debugging a new signup flow

A Growth Marketer needs to ensure the 'thank you' page is properly tracked. Instead of setting up dev tools, they ask their agent to run `send_event` with the specific event name and properties needed for testing.

Onboarding a new client team

A DevOps Engineer needs to give three people access but keep them separate. They use `create_team`, then run `add_team_user` multiple times, followed by `get_team_users` to confirm everyone is set up correctly.

Calculating Q3 revenue performance

A Data Analyst needs a quick financial overview. They ask their agent to generate a report using `create_revenue_report`, getting instant access to the necessary metrics without having to export data and use spreadsheet software.

Investigating user drop-offs

A Product Manager suspects users are failing at checkout. They ask their agent for a `create_funnel_report` to pinpoint exactly where the conversion rate drops off across the site's journey.

Patterns to Avoid

Manually checking user roles

✗ AVOID

The engineer has to go into the Umami dashboard, click 'Users,' then filter by role, and finally manually check who is on which team.

✓ INSTEAD

Instead, ask your agent to run `admin_list_users` for a full list. Then, use `get_user_teams` or `get_team_users` to see the specific roles and assignments in conversation.

Writing complex API calls

✗ AVOID

The marketer is forced to write a multi-step API request just to check if their tracking pixel was created correctly.

✓ INSTEAD

Just ask your agent: 'Check my existing pixels.' It runs `list_pixels` and gives you the status directly.

Losing track of website scope

✗ AVOID

The admin isn't sure if they need to manage a site or just check its general performance, leading them to two different dashboard views.

✓ INSTEAD

Use `get_me_websites` first. Once you know the specific website ID, then ask for the metrics using tools like `get_website_metrics`.

The Right Fit

Use this MCP if your core pain point is translating complex analytics data or administrative tasks into natural language commands. You want to run reports (like `create_retention_report`) and manage users (`update_user`) without leaving the chat window. However, don't use it if you need highly specialized, real-time data streaming that requires direct integration into a live web component; for those cases, dedicated API SDKs are better. Also, if your goal is purely to build a custom dashboard visualization from scratch, stick with

traditional BI tools. This MCP excels at information retrieval and structured actions, not visual design.

The Pain of Dashboard Overload

Today, figuring out simple metrics means clicking through half a dozen tabs: the 'Users' tab for team info, then jumping to the 'Analytics' section, selecting the correct date range dropdown, and finally running five different reports just to build one summary slide. It’s slow, it’s tedious, and you often lose context between screens.

With this MCP, that whole process collapses into a single prompt. You simply tell your agent what metrics you need—like comparing the current session activity with overall website stats—and get an immediate, synthesized answer back in plain text conversation.

Get Site Insights With Umami (Privacy Analytics)

The manual steps that vanish include cross-referencing user accounts with website ownership lists and manually triggering test events. You don't have to remember which tool or dashboard holds the data for a specific type of metric.

Now, you treat Umami like an extension of your mind. It’s direct access, instantaneous answers, and total control over your site's story.

Umami (Privacy Analytics): 53 Tools

Use these tools to automate administrative tasks like managing user accounts or running detailed reports on site traffic and conversions.

#	TOOL	DESCRIPTION
01	add_team_user	Adds a specific user account to an existing team.
02	admin_list_teams	Retrieves a list of all teams, but only if the calling agent has admin privileges.
03	admin_list_users	Returns a complete list of every user on the instance (Admin required).
04	admin_list_websites	Gets an admin-level overview listing all websites managed by the account.
05	create_attribution_report	Generates a comprehensive report showing where conversions originated.
06	create_funnel_report	Builds and retrieves data detailing the steps users take toward conversion.
07	create_link	Generates a unique tracking link for marketing campaigns.
08	create_pixel	Creates a new pixel snippet to track specific user interactions.
09	create_report	Initializes the creation of a custom, ad-hoc report for analysis.
10	create_retention_report	Generates reports showing which users return to the site over time.
11	create_revenue_report	Pulls a report summarizing monetary value and revenue metrics.
12	create_team	Creates a new, dedicated team within the Umami instance.
13	create_user	Creates a brand new user account (Admin required).
14	create_website	Sets up and registers a new website within the Umami system.
15	delete_user	Permanently deletes an existing user account (Admin required).
16	delete_website	Removes a website and all associated data from the instance.
17	get_me_teams	Retrieves all teams that are currently assigned to the user running the agent.

#	TOOL	DESCRIPTION
18	`get_me`	Fetches basic information about the current connected session and authorized access levels.
19	`get_me_websites`	Lists all websites that are currently linked to the user's account.
20	`get_realtime_stats`	Retrieves aggregate statistics covering activity within the last 30 minutes.
21	`get_session_activity`	Shows a chronological list of actions performed during a specific session.
22	`get_session`	Pulls detailed information about one individual user session.
23	`get_team_users`	Lists all users who are members of a specific team (Admin required).
24	`get_team_websites`	Displays every website that belongs to an entire team.
25	`get_user_teams`	Retrieves all teams a specific user is part of (Admin required).
26	`get_user`	Fetches the profile details for any user by their unique ID (Admin required).
27	`get_user_websites`	Lists all websites associated with a specific user account (Admin required).
28	`get_website_active`	Counts and lists users who have been active on the site in the last 5 minutes.
29	`get_website_daterange`	Determines what date range of data is available for a specific website.
30	`get_website_event_data_events`	Provides a list and count of all unique event types that have been tracked on the site.
31	`get_website_event_data_fields`	Shows which properties and values were captured when events occurred.
32	`get_website_event_data`	Aggregates event data, grouping statistics by the specific event name.
33	`get_website_events_stats`	Calculates and returns overall statistical summaries for all recorded events.
34	`get_website_events`	Retrieves raw, detailed records of every event that occurred on the website.
35	`get_website_metrics_expanded`	Pulls comprehensive site metrics, including total time and bounce rates.

#	TOOL	DESCRIPTION
36	get_website_metrics	Gets key performance indicators for a set time range, broken down by path, browser, or OS.
37	get_website_pageviews	Retrieves historical data showing both pageviews and session counts over time.
38	get_website_sessions_stats	Provides a summary of key statistics, like total sessions and unique visitors.
39	get_website_sessions	Pulls detailed information for every recorded user session on the site.
40	get_website_stats	Returns a summary of overall website performance, including visitors and pageviews.
41	get_website	Retrieves the basic configuration details for a specific website by its ID.
42	join_team	Allows the user to join an existing team using a provided access code.
43	list_links	Returns all unique tracking links that have been created by the current user.
44	list_pixels	Shows every custom pixel snippet the user has set up for tracking.
45	list_reports	Lists all historical reports that have been generated for a given website ID.
46	list_teams	Returns a list of every team available on the instance.
47	list_websites	Retrieves all websites visible to the current user account.
48	login	Authenticates with a self-hosted Umami instance and retrieves an access token for API use.
49	reset_website	Wipes all data related to the website, returning it to its initial state (admin action).
50	send_event	Transmits a specific custom event and associated properties to Umami.
51	update_user	Modifies the profile details of an existing user account (Admin required).
52	update_website	Makes changes to the configuration or settings of a registered website.

#	TOOL	DESCRIPTION
53	verify_token	Checks whether the current API token is still valid and hasn't expired.

See It in Action

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

U List all websites I have access to in Umami.

I've retrieved your websites. You have access to: 'Personal Blog' (ID: 8f2...1a), 'E-commerce Store' (ID: 3d4...9b), and 'Documentation Portal' (ID: 1a2...5c).

U Send a 'newsletter_signup' event for website 8f2...1a on page /thanks.

The event 'newsletter_signup' has been successfully sent to Umami for the specified website and URL.

U Show me all users on this Umami instance.

Fetching user list... I found 3 users: 'admin' (Role: admin), 'editor_jane' (Role: user), and 'viewer_bob' (Role: user).

Frequently Asked Questions

01 **How do I check my current user status with Umami (Privacy Analytics)?**

You run `get_me` to retrieve information about the session. This confirms your current access level and details without needing manual login steps.

02 **Can I use Umami (Privacy Analytics) MCP to track a new event?**

Yes, you can use `send_event`. You just need to specify the desired custom event name and any associated properties for tracking purposes.

03 **What if I forget my API key for Umami (Privacy Analytics)?**

Don't worry. You should first use the `login` tool, which authenticates with your self-hosted instance and retrieves a fresh access token.

04 **How do I see all available user roles in Umami (Privacy Analytics)?**

You can list all users using `admin_list_users` to get the roster, or use `get_user_teams` if you only want to see teams for a specific user.

05 **Which tool should I use to check what websites I manage in Umami (Privacy Analytics)?**

Use `get_me_websites`. This function specifically lists all the websites that your current account has access to and manages.

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 `"umami-privacy-analytics": { "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

Umami (Privacy Analytics) 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

Generated	June 2026
MCP Server	Umami (Privacy Analytics) MCP
Server ID	`019e3900-ea95-7025-b1fd-cd83724e9c8a`
Platform	Vinkius Cloud for AI Agents
Endpoint	`https://edge.vinkius.com/{token}/mcp`

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