

MCP SERVER

NO CODE

CLOUD HOSTED

Equinix Metal MCP

Manage keys, emails, and access rights instantly.

Equinix Metal MCP manages your entire infrastructure access layer through natural language prompts. You can use this connector to create or delete API keys for both users and projects, handle email addresses, and manage project invitations—all without leaving your chat window. It lets you audit, provision, and revoke access credentials instantly.

A+ Quality Score 100/100

bare-metal

infrastructure-as-code

api-management

server-provisioning

cloud-computing

access-control



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.

Equinix Metal MCP

9 tools available

Cloud-hosted on Vinkius

Managing bare-metal cloud infrastructure usually means jumping between dashboards, clicking through permission menus, and copy-pasting IDs. This MCP brings all those actions into a single conversation thread. You handle API key creation and deletion for specific projects or users. Need to add a new team email or update the default contact address? It's here. Or maybe you just need to decline an unexpected project invitation without logging in. Instead of navigating complex portals, you simply ask your agent. Connecting this MCP via Vinkius means your AI client treats these infrastructure tasks like any other conversation—natural and immediate. You get full visibility into who has access and what they can do.

Core Capabilities

01 — Credential Lifecycle Management

Create, delete, or view API keys for both individual users and specific projects.

02 — Account Communication Setup

Add new contact emails to your account, update which email is the primary one, or remove old addresses.

03 — Invitation Workflow Control

View details about pending project invitations and decline them if they aren't needed.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/mcp/equinix-metal — connect your AI agent in three steps.

- 01** First, subscribe to this MCP on Vinkius and provide your Equinix Metal API Key.
- 02** Next, reference the required action—for example, asking the agent to create a key for a new service or add a team email.
- 03** Your AI client executes the necessary command and reports back the status of the change.

The bottom line is that your infrastructure management becomes an extension of your natural conversation flow.

Built For

This MCP saves time for security teams, DevOps engineers, and infrastructure leads who spend too much time clicking through complex cloud provider portals just to manage basic access rights. It's built for people whose job requires rapid, auditable credential management.

DevOps Engineer

Quickly generating temporary project-specific API keys for CI/CD pipelines or onboarding new services.

Security Analyst

Auditing, rotating, and deleting old user or project credentials to maintain strict least-privilege access policies.

Infrastructure Lead

Managing team communication settings by adding new contact emails or handling unexpected project invitations in bulk.

What Changes When You Connect

- 01** Audit credentials without leaving your chat. Instead of logging into the portal to check key status, you just ask your agent for details or to delete a specific user API key.

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- 02** Instant credential rotation: Need to revoke a compromised key? You can use `delete_user_api_key` and `delete_project_api_key` via natural language commands, making it auditable and fast.

 - 03** Simplified account administration. Don't waste time on the email settings page; you can add new contact emails using `create_email` or update your default address with simple instructions.

 - 04** Controlled access provisioning: Whether you need a temporary key for a CI/CD run (`create_project_api_key`) or a general user credential, this MCP handles it in one prompt.

 - 05** Project invitation control. You can check the details of an invite using `get_invitation` and immediately decline it with the `decline_invitation` tool—all done before you even remember to open your browser.
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Real-World Applications

Revoking access for a departed contractor

The security team needs to ensure a former vendor has zero remaining credentials. Instead of manually locating and deleting every key, they prompt the agent to `delete_user_api_key` and `delete_project_api_key` associated with that account ID.

Handling mailbox changes

The company merges departments and the default contact email needs updating. An infrastructure lead simply asks the agent to `update_email` with the new corporate address, bypassing manual settings clicks.

Onboarding a new microservice

A developer needs a non-personal credential for automated testing. They ask the agent to `create_project_api_key`, specifying read-only permissions and linking it immediately to the service name.

Patterns to Avoid

Manual key deletion

✗ AVOID

A user deletes a critical API key manually in the portal but forgets to document **why** it was deleted or who approved it.

✓ INSTEAD

Instead, ask your agent to `delete_api_key` and reference the incident ticket number. This creates an auditable record directly within the chat history.

Ignoring invitations

✗ AVOID

A team gets dozens of project invites via email but ignores them until a deadline passes, causing delays.

✓ INSTEAD

Use `get_invitation` to review all pending projects and `decline_invitation` immediately for any project the team doesn't need.

Using outdated credentials

✗ AVOID

A developer relies on an email address that was recently deprecated but hasn't been updated in the main system settings.

✓ INSTEAD

Use `update_email` to set the current, validated corporate email as the default contact point.

The Right Fit

Use this MCP if your primary need is managing access credentials, emails, and project invitations for Equinix Metal. You should use it when you are performing administrative tasks that require creating, deleting, or updating core account settings. Don't use it if you need to run infrastructure commands like spinning up servers or checking billing details; those require different cloud-specific tools. If your goal is pure data retrieval (like viewing a list of all users), stick with the dedicated key management tools like `get_invitation` and `delete_api_key`, as they handle that specific context better than general chat requests.

The hassle of logging into multiple cloud portals just to manage access.

Right now, changing a simple API key requires navigating through the Equinix Metal console. You have to find the 'API Keys' section, select the user or project, and then manually click delete. If you need to update your primary account email, that's another tab and a whole new set of fields to fill out.

With this MCP, it's different. You just tell your agent what needs to change—'Delete the old API key for staging' or 'Set my company email as the default.' The entire workflow executes within your chat, giving you immediate confirmation.

Manage Equinix Metal access through natural conversation.

Tasks like adding new contacts via `create_email` or reviewing pending project invitations using `get_invitation` used to involve multiple clicks and context switches. You'd open one tab for keys, another for emails, and a third just for invites.

Now, you stay put. Everything is managed by the agent in a single conversation thread. It's fast, auditable, and keeps your focus on what matters: building infrastructure.

Equinix Metal: 9 Tools for Infrastructure Management

These tools allow you to manage every aspect of your Equinix Metal account, including creating credentials, updating contact details, and handling project access requests.

#	TOOL	DESCRIPTION
01	<code>create_email</code>	Adds a brand new email address to your Equinix Metal account.
02	<code>create_project_api_key</code>	Generates an API key specific to one project, allowing you to limit access scope.
03	<code>create_user_api_key</code>	Creates a general API key attached to your overall user account.
04	<code>decline_invitation</code>	Blocks an incoming project invitation if you do not want to join the project.
05	<code>delete_api_key</code>	Permanently removes a user-level API key from your account.
06	<code>delete_email</code>	Removes an email address from your account settings.
07	<code>delete_user_api_key</code>	Deletes a user-level API key that was created previously.
08	<code>get_invitation</code>	Retrieves the full details of an invitation you received for a project.
09	<code>update_email</code>	Changes your primary contact email address on the account.

See It in Action

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

U Create a new user API key named 'CI-CD-Runner' that is read-only.



I've created the user API key 'CI-CD-Runner'. It is set to read-only as requested. The API key ID is 'uuid-123-456'.

U Add 'dev-alerts@company.com' to my account emails.



I have successfully added 'dev-alerts@company.com' to your account. You may need to verify it in your inbox.

U Show me the details for invitation ID 'inv-998877'.



Fetching invitation details... This is an invite to join the 'Production-Cluster' project, sent by admin@equinix.com. It expires in 48 hours.

Frequently Asked Questions

01 How do I check if I have pending project invitations with Equinix Metal MCP?

You use the `get_invitation` tool to view all invitation details. This lets you see which projects are inviting you and how long those invites remain active.

02 Can I delete a user API key using the Equinix Metal MCP?

Yes, the `delete_user_api_key` tool permanently removes that credential. This is useful for security audits when you need to revoke access immediately.

03 Which tool should I use if I only want a key for one specific project?

You must use `create_project_api_key`. This ensures the generated key has limited scope, which is always better security practice than using a general user-level credential.

04 How do I update my main contact email with Equinix Metal MCP?

Simply use the `update_email` tool. You provide the new address and set it as your default, bypassing the manual settings page entirely.

05 Can I create a read-only API key for a specific project?

Yes! Use the `create_project_api_key` tool. You can specify the `project_id`, a description, and set the `read_only` flag to true to ensure the key has restricted permissions.

06 How do I manage the email addresses associated with my account?

You can use `create_email` to add a new address, `update_email` to change settings like the default status, and `delete_email` to remove an address from your profile.

07 Is it possible to view and decline project invitations via AI?







Yes. Use `get_invitation` to see the details of a pending invite and `decline_invitation` if you do not wish to join that specific project.

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>"equinix-metal": { "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

Equinix Metal 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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