MCP SERVER | NO CODE | CLOUD HOSTED

Scaleway MCP

Control Your Cloud Infrastructure with Conversation

Scaleway MCP manages your entire cloud infrastructure through natural language commands. Use this connector to list, create, and control virtual machines across any zone directly from your AI agent. Power up, reboot, or terminate instances without leaving your chat window; it gives you direct access to the Scaleway Instances API.

A+ Quality Score 100/100

cloud-computing | virtual-machines | bare-metal | infrastructure-as-code | server-management

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vinkius.com/mcp/scaleway

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.

Scaleway MCP

3 tools available
Cloud-hosted on Vinkius

This MCP lets your AI client treat your cloud account like a natural extension of conversation. You stop writing boilerplate CLI commands and start talking about what you need done with your infrastructure. Need to check if that staging environment is up? Just ask, and it pulls all the status details for every virtual machine across different zones. If you realize you forgot an entire development tier, you can tell it to create a new cluster using specific types and images. It handles provisioning and lifecycle management entirely through text.

The power of connecting your cloud resources this way means complex tasks become simple requests. By adding Scaleway to the Vinkius catalog, any compatible AI client—whether it's in your IDE or a separate chat window—can manage your entire resource portfolio. You get full control over instance status and deployment actions without ever needing to switch tools or write an API script.

Core Capabilities

01 — Check all running instances

List every virtual machine across defined zones so you can audit current resources.

02 — Activate new machines

Create and provision brand new instances by specifying names, commercial types, and image IDs.

03 — Manage instance power state

Remotely cycle the power of an existing machine, including powering it on, off, or rebooting it.

04 — Remove old resources

Permanently terminate instances that are no longer needed for cleanup or cost control.

05 — Audit resource locations

Check the status of machines in specific availability zones (e.g., fr-par-1).

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your unique Scaleway Secret Key.

02 Your AI client reads your natural language request, identifying the required action (e.g., 'Reboot web-prod-01').

03 The agent sends a structured API call through the connector, and you receive an immediate confirmation or status update on the resource's state.

The bottom line is that your AI client runs all cloud commands using natural language, handling authentication and API calls behind the scenes.

Built For

This MCP is for anyone who treats infrastructure management as a constant interruption to their core work. It serves the DevOps Engineer tired of jumping between terminals and dashboards, the Developer who needs quick staging environments on demand, or the Cloud Architect auditing complex multi-zone deployments.

DevOps Engineer

Uses this to check status across dozens of instances in multiple zones quickly, allowing them to reboot a critical service without leaving their primary terminal session.

Developer

Spins up temporary development environments using simple text prompts instead of writing complex provisioning scripts every time they start a new feature branch.

Cloud Architect

Audits the entire resource footprint, listing and categorizing active machines across different geographical zones to ensure compliance or plan decommissioning.

What Changes When You Connect

01 Audit your entire environment instantly. Using `list_instances` lets you check the status of every machine across multiple availability zones without running zone-by-zone commands.

02 Spin up dev environments on demand. The `create_instance` tool lets developers provision new machines using simple text prompts, specifying everything from size to operating system image.

03 Manage power state via chat. If a service is stuck or needs maintenance, the agent uses `perform_instance_action` to reboot or power down resources directly through conversation.

04 Decommission safely and efficiently. When you know an instance isn't needed anymore, you can terminate it instantly, using the MCP to prevent resource waste.

05 Stay in your workflow. You don't have to leave your IDE or chat window. This MCP brings cloud control right where you're already coding.

Real-World Applications

The weekend audit

A Cloud Architect needs to know every single resource running in the 'NL-AMS-1' zone for a compliance report. Instead of logging into the console and clicking through dozens of dashboard tabs, they ask their agent to `list_instances`. The result is an immediate, comprehensive list they can copy.

Hotfix deployment

A DevOps Engineer realizes a production machine needs a patch immediately. They tell the agent to reboot it using `perform_instance_action` and get confirmation that the command was sent successfully, minimizing downtime.

New staging branch setup

A Developer finishes a feature and needs an isolated testing environment. Instead of running a multi-step CLI script, they prompt their agent to `create_instance` for the new staging machine, specifying the exact type and image needed.

Resource cleanup

A team finished a project and has several old development machines still running, incurring costs. They use the MCP to audit all resources and then systematically `perform_instance_action` (power off) or terminate them entirely.

Patterns to Avoid

Manual API calls

✗ AVOID

Trying to manually structure a REST call for every action, dealing with authentication headers and JSON body construction.

✓ INSTEAD

Just ask your agent. For example: 'list all my instances in the Paris zone.' The MCP handles the full request lifecycle using `list_instances`.

Using generic scripting

✗ AVOID

Writing a Python script that connects to Scaleway, requiring environment variables and complex error handling just to check status.

✓ INSTEAD

Use the natural language interface. Prompt your agent: 'What is the status of my web-prod-01 machine?' The MCP handles connection details automatically.

Over-reliance on dashboards

✗ AVOID

Logging into the Scaleway console to see if a resource was successfully rebooted, wasting time switching windows.

✓ INSTEAD

Ask your agent: 'Reboot instance X and confirm it succeeded.' The MCP sends the command via `perform_instance_action` and reports the status back directly.

The Right Fit

Use this MCP if your primary workflow involves managing the lifecycle of virtual machines—creating, listing, or changing the power state—and you want to do it entirely through conversational prompts. This is ideal for DevOps Engineers and Developers who live in an IDE or chat window.

Don't use this if your goal is to write actual application code,

manage database credentials, or integrate with services outside of cloud resource management. If you just need a simple API endpoint wrapper (e.g., only listing IDs), consider using a dedicated low-level SDK connector instead. But for broad operational control over instances, this MCP is exactly what you need.

Cloud infrastructure status used to require constant context switching.

To check your cloud resources today, you usually have to switch between multiple tabs: the dashboard for listing machines, a separate CLI terminal for running `list-instances`, and another area of code just to confirm if a resource was successfully rebooted. It's tedious, slow, and easy to miss something.

With this MCP, all that complexity vanishes. You talk to your agent and ask it what you need—like listing all machines in the Paris zone. The platform runs the command for you and gives you a clean, direct answer without any switching or copy-pasting.

The Scaleway MCP brings full control over resource provisioning.

Before this, if you needed a new staging environment, the steps meant writing a complex script to define the type, image, and zone. If you forgot one variable, the whole thing failed, and you were back at square one.

Now, telling your agent to create the instance is enough. It handles the full provisioning process—from defining the resource type to confirming its readiness—all in one natural command.

Scaleway - 3 Tools

These three tools allow you to list all active instances, build new ones with specific configurations, and perform immediate actions like powering off or rebooting existing resources.

#	TOOL	DESCRIPTION
01	`create_instance`	Builds a brand new virtual machine instance in Scaleway with specified configuration details.
02	`perform_instance_action`	Triggers an immediate action on an existing instance, such as powering it off or rebooting it.
03	`list_instances`	Retrieves a full list of all virtual machines currently running within a specific zone.

See It in Action

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

U List all my instances in the Paris zone (fr-par-1).

I've retrieved your instances in fr-par-1. You have 2 active servers: 'web-prod-01' (ID: ...213) and 'db-master' (ID: ...442). Both are currently running.

U Create a new DEV1-S instance named 'staging-app' in fr-par-1 using the Ubuntu image.

I am initiating the creation of 'staging-app' (DEV1-S) in fr-par-1. The request has been sent to Scaleway, and the instance is now being provisioned.

U Reboot the server with ID 550e8400-e29b-41d4-a716-446655440000 in nl-ams-1.

The reboot command has been successfully sent to the server in nl-ams-1. It should be restarting now.

Frequently Asked Questions

01 **How do I list all my instances using Scaleway MCP?**

You ask your agent to list instances, specifying the zone you are interested in. The `list_instances` tool retrieves every virtual machine status and ID for that location.

02 **Can I use Scaleway MCP to reboot an instance?**

Yes. You can tell your agent to perform an action, like rebooting a specific machine using `perform_instance_action`. It sends the command and confirms when the request was successfully sent.

03 **Is Scaleway MCP only for listing servers?**

No. The MCP is fully capable of lifecycle management, allowing you not only to list machines but also to create new ones with `create_instance` or terminate old ones.

04 **What information does the Scaleway MCP need to connect?**

You must subscribe and provide your unique Scaleway Secret Key. This key authorizes your agent to manage resources on your behalf within the Vinkius catalog.

05 **Does creating an instance take time with Scaleway MCP?**

The command initiates provisioning immediately via `create_instance`. The response confirms that the request has been sent and the machine is now being provisioned by Scaleway's systems.

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 `"scaleway": { "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

Scaleway 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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