

MCP SERVER

NO CODE

CLOUD HOSTED

# Resend Alternative MCP

Send emails and manage domains conversationally.

Resend Alternative MCP manages your entire transactional email stack through natural conversation. Send emails, run bulk notifications, and manage sending domains—all without touching a dashboard. Use this to track delivery status, verify DNS records, create API keys, and handle complex domain maintenance using any AI agent.

**A+** Quality Score 100/100

transactional-email

email-api

deliverability

email-analytics

domain-management



# 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

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## 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

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## 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

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## 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](https://cloud.vinkius.com) — connect your AI agent in under 60 seconds.

# Resend MCP

14 tools available

Cloud-hosted on Vinkius

You can use this connector to take complete control of your application's email infrastructure directly from your AI client. Instead of logging into an external web console just to send a welcome email or check if a notification bounced, you talk to your agent instead. It handles everything: sending individual emails with attachments, blasting out up to 100 notifications at once, and tracking every delivery status against bounces or complaints.

It's also your domain operations center. Need to add a new sender domain? You can initiate the process, get the required SPF and DKIM records, and even verify them through DNS updates. Want to audit who has access? List all API keys and manage permissions instantly. By connecting this MCP via Vinkius, you treat your AI agent like a dedicated email operations engineer living inside your workflow, keeping complex tasks out of the dashboard and right where you are.

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## Core Capabilities

### 01 — Manage Domain Infrastructure

Add new sending domains, check their status, retrieve required DNS records for verification, or delete old entries.

### 03 — Track Delivery Status

Retrieve details on specific sent emails, including whether they were delivered, bounced, or complained about.

### 05 — Manage API Keys

Create new access keys with specific permissions, list existing credentials, and delete compromised keys for security.

### 02 — Send Emails and Batches

Dispatch single transactional emails with custom headers and attachments, or send up to 100 messages in a single API call.

### 04 — Handle Scheduled Messages

Set up future email deliveries and manage them by updating the scheduled time or canceling them entirely.

# One Click on Vinkius — From Prompt to Execution

Available at [vinkius.com/mcp/resend-alternative](https://vinkius.com/mcp/resend-alternative) — connect your AI agent in three steps.

- 01** First, subscribe to this MCP and enter your Resend API Key into the Vinkius platform.
- 02** Next, instruct your AI agent on the specific email task—for example, 'Send a welcome email to user X' or 'List all domains.'
- 03** Your agent executes the necessary tool calls, performing the action and returning immediate status updates or IDs within your client.

The bottom line is you manage complex email operations using natural conversation instead of navigating multiple web dashboards.

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## Built For

This MCP is for the DevOps Engineer who gets frustrated manually verifying DNS records across three different consoles, or the Product Manager who needs to quickly audit delivery metrics without leaving their IDE. If your job involves reliable, high-volume email sending and domain upkeep, you need this.

### DevOps Engineer

Auditing sent email logs for bounces or complaints; verifying that a newly added domain has the correct SPF/DKIM records before deployment.

### Software Developer

Writing code that sends transactional emails, like password resets or onboarding messages, without writing boilerplate API calls into their local environment.

### Product Manager

Reviewing delivery metrics and managing batch notification campaigns to ensure critical user updates are reliably received.

## What Changes When You Connect

- 01 Audit delivery status instantly. Instead of opening the Resend dashboard to check if a critical email bounced, your agent uses `get_email` to pull the exact outcome directly into your chat window.
- 02 Handle bulk communication efficiently. Use `send_batch_emails` to send up to 100 notifications in one call, perfect for onboarding sequences or large-scale updates.
- 03 Maintain domain integrity without context switching. When you add a new sender domain, the MCP guides you through the necessary steps and provides the records needed for verification via `create_domain` and `verify_domain`.
- 04 Improve security operations. You can instantly audit all access points by using `list_api_keys`, ensuring that only active keys with minimal required scope are in use, and quickly revoking old ones with `delete_api_key`.
- 05 Manage complex schedules easily. Need to delay a mass communication? Use `update_email` or `cancel_email` to adjust previously scheduled messages without navigating the web UI.

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## Real-World Applications

### The Onboarding Flow Failure

A user signs up, but the welcome email fails because the domain wasn't verified. Instead of manually checking DNS records in a separate provider and then waiting for Resend to update, the agent uses `list_domains` to identify the missing verification step, you get the required SPF/DKIM record list, and you fix it immediately.

### Debugging Failed Notifications

A critical payment notification is reported as lost. Instead of guessing or digging through logs, the agent uses `list_emails` to find the ID of the message, then runs `get_email` to confirm if it bounced and why, pinpointing the exact failure point instantly.

### Mass Communication Prep

The marketing team needs to send 50 follow-up emails immediately. Rather than calling the API 50 times or building a complex script, they instruct the agent to use `send_batch_emails` with the recipients and subject lines, getting confirmation IDs for all of them in one prompt.

### Security Cleanup

A former contractor's API key is still active. Instead of hunting through dashboard settings, the agent runs `list_api_keys` to find the ID, and you use `delete_api_key` to immediately revoke access across the entire system.

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## Patterns to Avoid

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### Assuming a domain is ready

#### ✗ AVOID

A developer tries to send emails from 'newdomain.com' without verifying it, leading to immediate delivery failure and confusion about whether the issue is code or infrastructure.

#### ✓ INSTEAD

Always use `create_domain` first to get the required DNS records (SPF/DKIM). Then run `verify_domain` after adding those records to your registrar before attempting any sends.

### Treating email sending like basic messaging

#### ✗ AVOID

Sending highly sensitive, personalized reports via a general-purpose chat tool instead of an authenticated, tracked email service.

#### ✓ INSTEAD

Use `send_email` because it supports attachments and detailed tracking. For any transactional communication, you must use the dedicated Resend API calls.

### Overlooking key lifecycle management

#### ✗ AVOID

Leaving old, unused API keys active because they were 'just in case,' creating a massive security vulnerability.

#### ✓ INSTEAD

Periodically run `list_api_keys` to audit your credentials. If you don't need it, use `delete_api_key` immediately.

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## The Right Fit

Use this MCP if your core business process relies on reliable, high-volume transactional email and managing the infrastructure around that sending capability (domains, API keys). You need to act like an internal email operations team running directly in your agent. Don't use this if you simply need to send a single, simple chat message or integrate with a dedicated SMS platform; those are better covered

by other category tools. If all you do is write the body text and never worry about who sends it or how it tracks, then using a general messaging tool will work. But if domain verification, batching, and tracking are part of your job, this MCP handles the complexity so you don't have to think about the dashboard.

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## The Headache of Dashboard Switching

Today, sending a simple transactional email often feels like navigating an airport terminal. You start in your IDE to write the logic, then you switch to the Resend website to check if your sender domain needs verification, and finally, if you need to send 50 notifications, you run a separate batch job on another tab. It's slow, it's error-prone, and you lose context every time you copy an ID or remember which dashboard was doing what.

With this MCP, the process stays contained. Your agent handles all those external handoffs in one conversation. You ask it to 'Verify my domain,' and it gives you the exact records needed. Then you say 'Send 50 emails,' and it handles the batching and returns the IDs—all without you ever leaving your primary workflow.

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## Resend Alternative MCP: Domain & Email Operations

The tedious parts that disappear are the constant manual checks for DNS records, the copy-pasting of API key IDs between services, and the need to manually check delivery status tabs one by one. You don't have to jump between your code editor and a separate web console just to send an email.

Now, managing your entire outbound mail flow is a conversational task. It's specific, it's auditable, and it keeps your focus on what you're building, not on the infrastructure surrounding it.

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# Resend Alternative with 14 Tools

These tools allow you to manage every aspect of your email infrastructure, from sending complex batches of messages to verifying core domain settings.

#	TOOL	DESCRIPTION
01	<code>verify_domain</code>	After making DNS record updates, you use this tool to confirm that your domain records have been successfully recognized.
02	<code>cancel_email</code>	This tool stops an email that was scheduled for a future time, provided you give the specific email ID.
03	<code>create_api_key</code>	It generates a brand new API key with defined permissions (like 'sending' or 'domains'); remember to copy it right away because you won't see its value again.
04	<code>create_domain</code>	This tool adds a new sending domain and returns the required DNS records, like SPF and DKIM, that you must set up for verification.
05	<code>delete_api_key</code>	It permanently revokes an API key's ability to authenticate requests; be careful with this one because it can't be undone.
06	<code>delete_domain</code>	This removes a domain and invalidates all associated DNS records; confirm you want to proceed as this action is irreversible.
07	<code>get_domain</code>	You can pull up specific details on one of your domains by providing its ID.
08	<code>get_email</code>	This retrieves all tracking data for a single sent email, including who sent it, to whom, and its final delivery status.
09	<code>list_api_keys</code>	It provides a list of all API keys currently active in your account, showing their scope and creation date without revealing the actual key value.
10	<code>list_domains</code>	This shows you every domain configured, detailing its current status (verified or pending) and necessary DNS records.
11	<code>list_emails</code>	It returns a paginated list of your most recently sent emails, giving you the ID, subject, and last known event status for quick auditing.
12	<code>send_batch_emails</code>	You can send multiple emails (up to 100) in one go by providing a structured list of recipients and subjects. Each message counts against your quota.
13	<code>send_email</code>	This sends a single, fully featured email, allowing you to specify the sender, multiple recipients, subject, body type (HTML or text), attachments, and more.

#	TOOL	DESCRIPTION
14	update_email	It changes the delivery time of an existing scheduled email by providing its ID and a new ISO 8601 timestamp.

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## See It in Action

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

**U** Send a welcome email to `newuser@example.com` from `onboarding@myapp.com`.



Done! I've sent a welcome email to `newuser@example.com`. The email ID is `49a3999c-0ce1-4ea6-ab68-afcd6cc2e934` and it was accepted by the Resend API for delivery. You can track its status using `get_email`.

**U** Show me all domains configured in my Resend account.



I found 2 domains: `'myapp.com'` (verified, us-east-1) and `'notifications.io'` (not\_verified, us-east-1). The `notifications.io` domain needs DNS records configured — would you like the SPF and DKIM records?

**U** Create a new API key called `'production-sending'` with sending permissions only.



Done! I've created the API key `'production-sending'` with `'sending'` permissions. The key value is `re_2mXq9K...` — make sure to copy and store it securely as it won't be shown again.

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## Frequently Asked Questions

### 01 How do I verify my domain using Resend Alternative MCP?

You first use `create_domain` to add your domain and retrieve the necessary records. Then, after adding those DNS records via your registrar, you run `verify_domain` through the agent to confirm verification status.

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**02 Can Resend Alternative MCP send emails with attachments?**

Yes, when using the ``send_email`` tool, you can provide physical file data to include attachments in your messages. You also have control over setting CC and BCC recipients.

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**03 What is the difference between ``send_email`` and ``send_batch_emails``?**

``Send_email`` handles one specific message, great for single notifications like password resets.

``Send_batch_emails`` is designed to send multiple emails (up to 100) in a single API call when you need mass communication.

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**04 Does Resend Alternative MCP help me manage my API keys?**

Absolutely. You can use ``list_api_keys`` to see what keys are active and their permissions, or use

``create_api_key`` to generate a new key when needed.

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**05 What if I need to change the time of an already scheduled email using Resend Alternative MCP?**

You must use the ``update_email`` tool. This requires the specific email ID and the new delivery timestamp formatted in ISO 8601.

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**06 How do I create a Resend API Key?**

Log in to the [**Resend Dashboard**](https://resend.com/api-keys), go to **Settings > API Keys**, click **Create API Key**, select the permission scope (Full Access, Sending, or Domains), give it a name and copy the key immediately — it starts with ``re_`` and won't be shown again.

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**07 Can I send HTML emails with attachments?**

Yes! Use the ``send_email`` tool with the ``html`` parameter for HTML body content and optionally include attachments. You can also provide a ``text`` fallback for email clients that don't render HTML. Attachments are passed as objects with filename, content (base64) and content\_type.

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**08 How do I verify a domain for sending?**

Use ``create_domain`` with your domain name (e.g. "example.com"). Resend will return the SPF and DKIM DNS records you need to add to your DNS provider. After adding the records, use ``verify_domain`` with the domain ID to trigger re-verification. The domain status will change to "verified" once DNS propagation is complete.

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**09 What are the API rate limits?**

Resend allows 5 requests per second per team, shared across all API keys. If you exceed this limit, you'll receive a 429 response. Rate limits can be increased by contacting Resend support for verified senders.







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# Go Live in 60 Seconds

Get your connection token from [cloud.vinkius.com](https://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
 <b>Claude AI</b>	Profile → Customize → Connectors → "+" → Add custom connector → Paste endpoint
 <b>Cursor</b>	Settings → Features → MCP Servers → "+ Add New MCP Server" → Type: SSE → Paste endpoint
 <b>VS Code</b>	Ctrl/Cmd+Shift+P → "MCP: Add Server" → add <code>"resend-alternative": { "url": "..." }</code>
 <b>Windsurf</b>	MCP Settings → <code>mcp_settings.json</code> → Add endpoint URL
 <b>ChatGPT</b>	Settings → Tools & plugins → Add MCP server → Paste endpoint
 <b>Gemini</b>	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

# Resend 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](https://vinkius.com) · [support@vinkius.com](mailto:support@vinkius.com)

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### DOCUMENT INFORMATION

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