MCP SERVER | NO CODE | CLOUD HOSTED

Resend MCP

Manage domains, campaigns, and delivery status conversationally.

Resend MCP connects your agent directly to a professional email infrastructure. Send transactional emails with HTML or attachments, check delivery status instantly, manage sending domains through DNS verification, and handle large broadcast campaigns—all from one chat interface.

A+ Quality Score 100/100

transactional-email | email-api | delivery-analytics | broadcast-campaigns | contact-management | webhooks

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vinkius.com/mcp/resend

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.

Resend MCP

10 tools available
Cloud-hosted on Vinkius

Managing modern email isn't just about hitting 'send.' It involves verifying sender domains, tracking bounces, organizing contacts into specific audiences, and ensuring critical transactional emails get out the door reliably. This MCP brings all that complex infrastructure control right where you work.

With this integration from Vinkius, your AI agent becomes a dedicated email operations center. You stop switching between dashboards just to check if an important welcome sequence delivered or to see which domain needs DNS verification. Instead, you talk to your client and it handles the mechanics. Need to debug why a test message bounced? Just ask. Want to know how many people are in the 'VIP' audience list before launching a campaign? Your agent gets that data instantly. It’s about taking full control of every part of your email lifecycle—from setting up domains to sending mass updates.

Core Capabilities

01 — Send and Manage Emails

Dispatch single transactional emails or entire batches, including complex HTML content and attachments.

02 — Monitor Delivery & Analytics

Retrieve detailed status reports, bounce information, and full delivery metadata for any email sent previously.

03 — Manage Sending Domains

List verified sending domains, inspect DNS records like SPF/DKIM, and trigger domain verification checks.

04 — Organize Audiences & Contacts

Browse existing email audiences, list all subscribers within them, or add new contacts programmatically for campaigns.

05 — Audit Security Keys

List and inspect active API keys to maintain security hygiene across your system.

One Click on Vinkius — From Prompt to Execution

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

01 Subscribe to this MCP and provide your Resend API Key (the key usually starts with `re_`).

02 Your AI client authenticates the credentials, giving it full access to your email infrastructure controls.

03 You ask natural questions—like 'Send a welcome email' or 'Check domain status'—and the agent executes the necessary actions and returns structured data.

The bottom line is you get complete, conversational command over all aspects of your email delivery system without touching a dashboard.

Built For

This MCP solves problems for roles that spend time debugging complex, multi-stage communication flows. It's for the developer who needs to test emails and verify domains before committing code, or the marketing manager who can’t afford to wait while campaign data is pulled manually.

Software Developer

They use this MCP to send test messages, debug delivery issues, and verify domain DNS records directly within their development environment.

Marketing Campaign Manager

They check broadcast campaign statuses, list subscribers in specific audiences, and add new contacts for targeted email outreach.

DevOps Engineer

They audit API keys, monitor domain verification status, and automate checks on the core email infrastructure to ensure compliance.

What Changes When You Connect

01 Instantly check email performance. Instead of logging into a separate dashboard to see if an important message got delivered or bounced, use the 'get_email' tool to pull that metadata straight into your chat session.

02 Build trust with verified domains. You can list all sending domains and run through DNS record checks using tools like 'add_domain', ensuring every email you send comes from a properly authenticated source.

03 Scale outreach effortlessly. If you have hundreds of new sign-ups, use the 'send_batch_emails' tool to blast out welcome sequences or updates without writing any code.

04 Keep your lists clean and current. Use 'list_audiences' and 'list_contacts' together to audit who belongs where before launching a major marketing campaign.

05 Streamline debugging for developers. When testing, use the 'send_email' tool to fire off test messages and then immediately follow up with 'get_email' to verify the tracking ID.

Real-World Applications

Debugging a failed automated email.

A developer needs to know why a critical password reset email isn't reaching users. They ask their agent, which uses 'get_email', and immediately gets the full delivery metadata showing whether it bounced or was caught by spam filters.

Launching a major product announcement.

A marketing manager needs to send an update to 5,000 subscribers. They first use 'list_audiences' to confirm the correct group exists, then use 'send_batch_emails' to distribute the content safely.

Onboarding a new subdomain.

A DevOps engineer needs to start using a brand-new marketing subdomain. They run 'add_domain', get the required DNS records, and then update their internal systems—all without ever leaving the agent interface.

Auditing system access.

The security team needs to confirm which parts of the system are using email credentials. They run 'list_api_keys' to get a full inventory and audit the permission scope for each key.

Patterns to Avoid

Treating emails like simple messages.

✗ AVOID

A user tries to just send an email and forgets they need to track it or verify the domain first, leading to failed sends that are hard to troubleshoot later.

✓ INSTEAD

Always use 'send_email' for tracking. Before sending anything important, check your infrastructure by calling 'list_domains' to confirm verification status.

Handling contacts in multiple systems.

✗ AVOID

The marketing team updates a contact list in the CRM but forgets to add them to the active Resend audience, meaning they miss out on targeted campaigns.

✓ INSTEAD

Use 'list_audiences' first. Then, use 'create_contact' explicitly to ensure every new subscriber is placed into the correct campaign audience.

Ignoring security best practices.

✗ AVOID

A developer leaves an old or unused API key active for testing purposes, creating a potential security vulnerability that could be exploited later.

✓ INSTEAD

Run 'list_api_keys' periodically. Review the list and revoke any keys that are no longer actively needed.

The Right Fit

Use this MCP if your core problem is managing the *infrastructure* of email sending, not just sending individual emails. You need visibility

into domains (like running 'add_domain' or inspecting DNS records), audience management ('list_audiences'), and delivery analytics ('get_email'). If you only need to send a single message based on data already provided by another system, a simple API wrapper might suffice. However, if you need the AI agent to handle the entire flow—from domain verification setup, through contact list population ('create_contact'), up to running 'send_batch_emails' and then reporting back on delivery status—then this MCP is essential. Don’t use this if your only goal is reading raw database records; instead, you need a specialized data retrieval tool.

The pain of managing email infrastructure through dashboards.

Right now, setting up or debugging an email send involves a painful series of clicks. You have to jump between the domain verification dashboard to check SPF records, then open the contact list manager to find the right audience ID, and finally navigate to the campaign creation tab just to hit 'send.' It's tedious context switching.

With this MCP, you keep everything in one place. Your agent handles all those background checks—domain status, audience membership, delivery metadata retrieval—so you just ask, and get a clear answer.

Resend MCP: Total control over email sending.

Manual processes for testing often require developers to copy domain details from one screen into another, or manually check the status of every single test message by logging in and refreshing different tracking pages. This wastes time and increases errors.

Now you simply ask your agent to 'send_email' and then follow up with 'get_email' to get the ID and status instantly. The entire operational cycle happens conversationally, eliminating manual workflow steps completely.

Resend MCP: 10 Tools for Email Operations

These tools let you send messages, verify domains, audit API keys, and manage every aspect of your email infrastructure using natural language commands.

#	TOOL	DESCRIPTION
01	`send_email`	Sends a single transactional email and returns an ID so you can track its delivery later.
02	`create_contact`	Adds a specific contact to one of your defined email audiences.
03	`get_email`	Retrieves the complete delivery status, including bounce data, for any email you sent.
04	`send_batch_emails`	Sends a group of emails at once, requiring sender, recipient, subject, and HTML content for each one.
05	`list_domains`	Lists all the sending domains that are currently verified through your Resend account.
06	`get_domain`	Retrieves detailed information about a specific, listed sending domain.
07	`add_domain`	Initiates the process of adding a new sending domain and provides you with necessary DNS records to configure.
08	`list_api_keys`	Lists all currently active API keys tied to your Resend account for auditing purposes.
09	`list_audiences`	Displays a comprehensive list of all email audiences you have set up.
10	`list_contacts`	Retrieves and shows the contacts that belong to a specific audience.

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 john@example.com from our onboarding address.

Done! I sent the welcome email from 'Onboarding <welcome@yourdomain.com>' to john@example.com. The email ID is `49a3999c-0ce1-4ea6-ab68-afcd6dc2e794`. Would you like me to check its delivery status?

U Show me all our verified sending domains and their DNS status.

You have 2 domains configured:

1. **notifications.acme.com** — Status: `verified` (Region: us-east-1)
2. **marketing.acme.com** — Status: `pending` (Region: eu-west-1)

Would you like me to trigger DNS verification for the pending domain?

U List all contacts in our newsletter audience.

I found 3 audiences. The 'Newsletter' audience (ID: `78b36e1b-...`) contains 1,247 contacts. Here are the first entries:

- john@acme.com (John Smith)
- sarah@startup.io (Sarah Chen)
- dev@company.com (Marcus R.)

Would you like to add a new contact or inspect a specific subscriber?

Frequently Asked Questions

01 **How do I check if my sending domain is verified using Resend MCP?**

You can list all verified domains by calling 'list_domains'. If a domain isn't listed, you need to use the 'add_domain' tool; it will provide the exact DNS records required for verification.

02 **Can I send emails to multiple people at once with Resend MCP?**

Yes, you can handle large groups using 'send_batch_emails'. Make sure you have all the necessary sender and recipient data ready for the batch operation.

03 **What is the difference between 'list_contacts' and 'list_audiences' in Resend MCP?**

'list_audiences' shows you the containers (the groups), while 'list_contacts' pulls the actual member list from a specific audience container.

04 **How does Resend MCP help me track a sent email?**

After sending an email using 'send_email', your agent provides an ID. You then use 'get_email' with that ID to retrieve the full delivery status and analytics.

05 **I need to send a welcome sequence for new users; which tool should I use?**

First, make sure you have the user in the system using 'create_contact'. Then, use 'send_email' or 'send_batch_emails' depending on if it is a single or multiple message campaign.

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 `"resend": { "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

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 →

vinkius.com · support@vinkius.com

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