

MCP SERVER

NO CODE

CLOUD HOSTED

Dropbox MCP for AI Agents

Manage and audit complex cloud storage files and folder structures

Dropbox MCP lets your AI agent manage every file and folder across your entire cloud storage ecosystem. You can audit metadata, create shared links, organize directories, and search for specific files without ever leaving your chat interface.

A+ Quality Score 100/100

dropbox

cloud-storage

file-management

file-audit

content-collaboration



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.

DropBox MCP

10 tools available

Cloud-hosted on Vinkius

Managing a large network of digital assets is complex; it usually means jumping between dashboards just to find what you need or verify who has access to what. This MCP turns Dropbox into an operational tool for your agent. Instead of manually clicking through folders, your AI client acts like a real-time file operator. It can instantly list contents across any directory, check the metadata on files, and even search your entire account using natural conversation. For those managing digital assets or running content teams, this integration is huge. You're not just reading about storage management; you're performing it. By connecting Dropbox through Vinkius, your agent gains a unified view of all your files, allowing you to create new folders, move items, and govern sharing permissions—all from one place. It keeps your data organized and immediately accessible.

Core Capabilities

01 — List contents of a folder

Retrieves an itemized list of every file and subdirectory within a specified Dropbox location.

03 — Create new directories

Instantly builds organization by creating a brand-new folder at any specified location in Dropbox.

05 — Generate share links

Quickly creates new shared links for specific paths, controlling who can access the content.

02 — Search all files

Queries your entire account structure to locate files or folders based on keywords, names, or partial paths.

04 — Copy and move files

Manages file placement by copying or moving existing files and folders from one path to another.

06 — Audit account data

Fetches current user and account usage information to maintain an accurate record of your storage footprint.

One Click on Vinkius — From Prompt to Execution

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

- 01** Start by connecting Dropbox using your access token within Vinkius.
- 02** Tell your agent exactly what you need—for example, 'List all files in the Marketing folder' or 'Create a folder called Q3 Reports'.
- 03** The agent executes the necessary action against your account and provides you with the live results, confirming the change.

The bottom line is that your AI client treats Dropbox like a command line interface, letting you manage complex file structures using plain language requests.

Built For

This MCP is essential for anyone whose job revolves around managing shared digital assets. If you spend time navigating folder trees or tracking down the latest version of a document, this saves hours of clicking and searching.

Content Creator

Auditing large media libraries for consistency, checking metadata on asset folders, or generating shared links for client previews.

Operations Lead

Verifying if team documents landed in the correct project directory, moving completed assets, or ensuring old files are deleted to save space.

Asset Manager

Monitoring project folder structures for compliance, performing rapid searches across multiple years of work, and maintaining a clean file lifecycle.

What Changes When You Connect

- 01** Instead of manually navigating deep folders, you can use the `search_files` tool to query your entire account instantly and find specific documents across years of work.

- 02 The ability to automatically generate shared links using `create_shared_link` means content creators never have to deal with manual link sharing or permission settings again.

- 03 You'll save time by letting your agent perform folder audits. Running `list_folder` and fetching metadata lets you verify file contents and sizes in seconds, not minutes.

- 04 Never worry about misplaced files; using the `move_item` tool allows you to reorganize large projects or archives instantly through conversation.

- 05 The `get_metadata` tool provides necessary audit trails, giving operations leads verifiable details on when a file was last modified or who created it.

Real-World Applications

Auditing compliance for regulatory files

An ops lead needs to prove that all Q1 reports are stored in the 'Compliance/2024' folder and haven't been modified since May 1st. They ask their agent to use `list_folder` and then repeatedly call `get_metadata` on every item, compiling a detailed report of paths and last modified dates.

Reorganizing a client's massive project folder

An asset manager receives a huge dump of assets. They tell their agent to use `move_item` repeatedly: 'Move all files from the Desktop/Incoming folder into the Client X/Raw Assets directory.' The entire structure updates instantly.

Quickly finding old presentation versions

A content creator can't remember where they saved the final draft of 'Q3 Marketing Deck'. They ask their agent to use `search_files` with keywords ('Marketing', 'Deck', '2024'), and it pulls up the top 5 matches, saving them time.

Setting up public access for a presentation

A business owner needs an external vendor to review a document. They ask their agent to use `create_shared_link` on the specific file path, ensuring that only the shared link is needed, not complex permissions.

Patterns to Avoid

Treating Dropbox like a local drive

X AVOID

Trying to list files using general commands without specifying the exact folder. The agent gets confused because cloud paths are hierarchical and require specific starting points.

✓ INSTEAD

Always start by telling your agent the full path or root directory you want to check, like 'List contents of /Work/2024/Marketing'. This focuses the scope immediately.

Overwriting file histories

X AVOID

Simply using a generic delete command without checking if other users still need that data. You risk losing crucial history or needed audit trails.

✓ INSTEAD

Before calling `delete_item`, always ask your agent to first use `get_metadata` on the item and confirm who else has access via `list_shared_links`. This prevents accidental loss.

Ignoring link management

X AVOID

Manually sharing files and forgetting where those links are stored or if they need to be updated. It leads to 'broken' public links.

✓ INSTEAD

Use `list_shared_links` first. This gives you a clean overview of all existing shared URLs, helping you manage permissions without manually digging through the web interface.

The Right Fit

You should use this MCP if your workflow requires consistent, reliable access to file metadata or complex folder management across multiple projects. If your job involves anything from auditing content libraries to reorganizing corporate archives, this tool is essential because it lets you operate on the data conversationally.

Don't use it if your only need is simple document creation (you'll need a dedicated word processor integration) or if you are only moving one file once in a while. For single, isolated actions, the native Dropbox interface might be faster. However, if you are trying to perform multi-step operations—like 'Find all PDFs created last month and move them to Archive'—this MCP is necessary because it chains together multiple tools like `search_files`, `get_metadata`, and `move_item` into one simple request.

Managing Dropbox File Structure with the Dropbox MCP for AI Agents

Right now, managing a corporate file structure means clicking through folders, copying links to Slack, and opening separate tabs just to check if permissions are correct or if the document is in its final location. It's slow, it's tedious, and you constantly lose track of which version is actually the master copy.

With this MCP, that process vanishes. You tell your agent exactly what needs doing—for instance, 'List all files under Marketing/2024 and get their size.' The AI executes the `list_folder` tool instantly and gives you a clean report right here in the chat. It's immediate verification.

Streamlining Dropbox Content Collaboration with the Dropbox MCP for AI Agents

Previously, sharing files meant logging in, selecting the file, clicking 'Share,' adjusting permissions (Read-Only? Editor?), and then

Now, your agent handles it. You simply ask, 'Create a shared link for the annual report.' It uses `create_shared_link`, manages the access

copying a link. If you needed to share ten things, that was ten separate sequences of clicks.

settings based on your request, and gives you the working URL immediately. Collaboration is instant.

Dropbox MCP: 10 Tools for File Audit and Folder Management

Use these tools with your agent to list contents, search the full directory structure, move assets, or manage sharing links in Dropbox.

#	TOOL	DESCRIPTION
01	<code>copy_item</code>	Copies an existing file or folder to a new location within Dropbox.
02	<code>create_folder</code>	Creates a completely new, empty folder structure in your chosen Dropbox directory.
03	<code>create_shared_link</code>	Generates a unique, shareable link for any specified file or folder path.
04	<code>delete_item</code>	Permanently removes an existing file or folder from your Dropbox account.
05	<code>get_current_user</code>	Retrieves basic details about the current user and their overall account status in Dropbox.
06	<code>get_metadata</code>	Pulls detailed information—like creation date, file size, or last modified time—for a specific item.
07	<code>list_folder</code>	Lists the contents of any specified folder, showing both files and subdirectories it contains.
08	<code>list_shared_links</code>	Retrieves a list of all existing shared links you have previously generated within your account.
09	<code>move_item</code>	Relocates an existing file or folder from its current spot to a new path in Dropbox.
10	<code>search_files</code>	Searches your entire Dropbox account for items matching specific criteria or keywords.

See It in Action

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

U Find all photos from last year in the 'Client Media' folder.



Search Results: Client Media

Found 5 items matching your criteria:

1. `2023_Launch_Shoot` (Folder) - Contains 48 files.
2. `Sarah_Portrait_V1` (File) - Size: 12 MB, Last Modified: 2023-11-15.
3. `Team_Event_Dump` (Folder) - Contains 120 files.

Would you like the full metadata for any of these folders?

U I need to make sure my team has access to the new budget template.



Okay, I see a file called 'Q4_Budget_v3.xlsx' in your root directory. I can generate a shared link for it right now.

Access Level: View Only

Shared Link: <https://www.dropbox.com/s/abcd123xyz>

I recommend listing the existing shared links so we confirm this one isn't already public.

U Help me clean up my 'Draft Assets' folder.



Cleanup Plan:

1. I found three old folders: `2021_Concepts`, `Beta_Testing`, and `Outdated`.
2. Shall I use the `move_item` tool to move these into a new 'Archive/Old' directory?
3. Do you want me to run `list_folder` on that Archive folder next?

Frequently Asked Questions

01 How does the Dropbox MCP help me audit my cloud storage?

It gives your AI agent the power to list all contents and retrieve detailed metadata for any folder. You can check file sizes, paths, and modification dates across massive directory structures without manual clicking.

02 Can I use the Dropbox MCP to organize my files?

Yes. Your agent lets you create new folders using ``create_folder``, move items with ``move_item``, or delete old assets instantly, all controlled by conversation.

03 What if I need a link for an external client? Does the Dropbox MCP handle that?

Absolutely. You can ask your agent to use ``create_shared_link`` on any file or folder and generate a secure, shareable URL instantly.

04 Is this better than just using the standard Dropbox website for management?

The biggest difference is speed and scale. Instead of performing limited actions in an interface, your agent chains multiple tools together—like searching, listing, and moving items—in one request.

05 Does the Dropbox MCP help me find specific files across many folders?







Yes. The ``search_files`` tool lets you query your entire account for keywords or file types, regardless of how deep they are buried in subdirectories.

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>"dropbox-alternative": { "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

DropBox 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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