

M C P S E R V E R

N O C O D E

C L O U D H O S T E D

NYC Parks & Open Land MCP

Get direct access to New York City green space data.

NYC Parks & Open Land MCP gives your AI client direct access to the city's parkland database. You can query details on 2,000 park properties, 1,000 playgrounds, and 340 synthetic turf fields. It handles the connection to NYC Open Data so you can filter by borough, acreage, waterfront status, or specific site names without managing API keys.

A+ Quality Score 96.67/100

new-york

nyc

parks

dca

playgrounds

synthetic-turf



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.

NYC Parks & Open Land (DCA) MCP

8 tools available

Cloud-hosted on Vinkius

You can now pull specific NYC park data directly into your AI agent. Whether you are analyzing urban green space or checking the proximity of a waterfront park to a real estate development, this MCP provides the raw data you need. You can filter the city's ~2,000 park properties by borough, type, or minimum acreage. If you need to find specific recreational assets, you can pull lists of playgrounds with dedicated children areas or locate synthetic turf fields by their infill material. The data includes everything from street addresses and acreage to jurisdiction codes and community board districts. For conservation-focused queries, you can access the Forever Wild sites to identify protected land and tree areas. It is a direct pipeline to the Department of Citywide Administrative Services (DCA) datasets, formatted for immediate use by your AI client.

Core Capabilities

01 — Property Filtering

Your agent can filter park data by borough, acreage, or waterfront status.

02 — Recreational Asset Mapping

The AI can locate specific playgrounds and synthetic turf fields across the city.

03 — Conservation Data Access

Your agent can identify protected Forever Wild sites by name.

04 — Data Volume Checks

The AI can quickly count how many properties meet a specific set of criteria.

05 — Exact Name Lookups

Your agent can retrieve full details for a specific park using its exact name.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/nyc-parks-open-land-dca — connect your AI agent in three steps.

- 01 Connect the MCP to your AI client through Vinkius.
- 02 Ask your agent a question about NYC parks or land.
- 03 The agent selects the appropriate tool to query the DCA dataset.
- 04 The data is returned to your agent in a structured format.
- 05 Your agent provides you with the final answer or list.

Connecting to this data is a single-step process that brings NYC park information into your existing AI workflow.

Built For

This MCP is built for professionals working with urban environments and civic data in New York City.

Urban Planners

Use the AI to find green space distribution and playground availability in specific boroughs.

Real Estate Analysts

Hand off tasks to your agent to identify properties near waterfront parks or large green spaces.

Civic Researchers

Let your agent aggregate data on park types and conservation sites for city-wide studies.

What Changes When You Connect

- 01 Access NYC Open Data without needing to manage your own API keys.

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- 02 Filter large datasets by specific attributes like acreage or waterfront access.
 - 03 Get precise property details including street addresses and district codes.
 - 04 Query specialized datasets like synthetic turf fields and playgrounds directly.
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Real-World Applications

Real Estate Proximity Analysis

Ask your agent to find all parks with waterfront access within a specific borough to evaluate property values.

Recreational Planning

Identify neighborhoods that lack synthetic turf fields or playgrounds by querying specific borough data.

Environmental Research

Use the Forever Wild tool to list protected sites for conservation studies.

Civic Data Audits

Count the number of specific park types in a district to understand land use distribution.

Patterns to Avoid

Broad data requests

❌ AVOID

Asking your agent to list every single park property in New York City at once.

✓ INSTEAD

Use ``count_park_properties`` first to see the scale of the data, then apply borough or ZIP filters to narrow your search.

Vague playground searches

❌ AVOID

Requesting a list of all recreational areas in Manhattan without specifying the type.

✓ INSTEAD

Use ``list_playgrounds_dca`` to target the 1,000 specific playgrounds that feature dedicated children's areas.

Unstructured turf queries

❌ AVOID

Asking for information on all sports fields in a specific borough.

✓ INSTEAD

Use `'list_synthetic_turf_fields'` to filter specifically by infill material or turf type for more precise results.

The Right Fit

Connect this MCP if you work in urban planning, real estate, or environmental research and need granular NYC land use data. Do not connect it if you only need general city information or non-park related civic data. The decision depends on whether your work requires specific property details like acreage, waterfront status, or turf composition.

NYC Parks and Open Land 7 Tools

These tools provide direct access to Department of Citywide Administrative Services datasets for all NYC park properties and conservation sites.

#	TOOL	DESCRIPTION
01	count_park_properties	This tool returns a quick count of NYC park properties that match your specific filters. Use it to see how many results you'll get before pulling a full list.
02	list_forever_wild_sites	This tool provides a list of the ~140 protected Forever Wild conservation sites. You can also pin a specific property name to find its details.
03	list_functional_parkland	This tool retrieves data on approximately 2,000 parkland parcels. You can narrow the results down by borough or ZIP code.
04	list_park_properties	This tool pulls a list of NYC park properties including acreage, type, and waterfront status. You can filter by borough, type, or waterfront availability.
05	list_playgrounds_dca	This tool lists about 1,000 playgrounds that feature dedicated children areas. You can filter the results by borough.
06	list_synthetic_turf_fields	This tool finds the ~340 synthetic turf fields in the city. You can filter by park name, system type, or specific infill material.
07	lookup_park_property	This tool finds a specific park property by its exact name. It returns the address, acreage, and district information.
08	top_park_types	This tool ranks property types by their frequency in the database. Use it to see the most common park categories in NYC.

See It in Action

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

U What are the most common NYC park types?



The most common types are Triangle/Plaza, Garden, and Neighborhood Park.

U Which parks in Manhattan of over 50 acres have a waterfront?



I found the matching park properties in Manhattan with at least 50 acres and waterfront access.

U Where are the synthetic turf fields at Inwood Hill Park?



The synthetic turf fields at Inwood Hill Park include details on the system type, turf type, and infill material used.

Frequently Asked Questions

01 Do I need an API key to use this NYC parks data?

No. Vinkius hosts the connection, so you can use the tools without managing your own API credentials.

02 How can I filter parks by borough?

You can use the borough codes (B, M, Q, R, X) or the full borough name when using the property listing tools.

03 Can I find specific playground information?

Yes. The MCP includes a tool specifically for listing playgrounds that have dedicated children areas.

04 What kind of information is included for each park?

You can get the name, acreage, street address, property type, waterfront status, and jurisdiction details.

05 How do I find protected land in NYC?

Use the tool designed to list Forever Wild sites to find the city's protected land and tree sites.

06 Do I need an API key?

No. NYC Open Data serves all public datasets anonymously over its SODA API (data.cityofnewyork.us). This MCP defines no credentials and needs nothing configured.

07 Do the text filters ignore case or match partial values?

No. The NYC data platform only supports exact-match filters, so a filter value must equal the stored value. In this MCP, property types are stored as "Garden", "Triangle/Plaza" or "Neighborhood Park", subcategories as e.g. "Greenthumb", and the waterfront/retired flags as the strings "True" or "False". Use `top_park_types`, or a list tool with no filters, to see the exact stored values before filtering.

08 How do I filter park properties by borough?

Park properties, functional parkland and DCA playgrounds store the borough as a single letter — B (Brooklyn), M (Manhattan), Q (Queens), R (Staten Island), X (Bronx). The tools accept the full name ("Manhattan", "Staten Island") and convert it to the letter automatically; passing the letter directly works too.

09 What do the waterfront and retired flags mean?

Both are stored as the strings "True" or "False". waterfront marks properties with a water edge; retired marks properties that have left the active Parks portfolio. Filter with the string values, e.g. waterfront: "True".

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>"nyc-parks-open-land-dca": { "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

NYC Parks & Open Land (DCA) 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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DOCUMENT INFORMATION

Generated	September 2026
MCP Server	NYC Parks & Open Land (DCA) MCP
Server ID	01a0dfcf-4908-709f-a957-422dd683cf6d
Platform	Vinkius Cloud for AI Agents
Endpoint	https://edge.vinkius.com/{token}/mcp

LICENSE & USAGE

This document is generated automatically by the Vinkius PDF Engine. Content reflects the MCP server configuration at the time of generation and may change as updates are deployed. For the most current information, visit vinkius.com/en/ai-agent-connect/nyc-parks-open-land-dca.