MCP SERVER | NO CODE | CLOUD HOSTED

Pet Growth Tracker MCP

Track your puppy's health from day one.

Pet Growth Tracker estimates an adult puppy's weight and guides owners through expected milestones for specific breeds. Use this MCP to predict your dog’s final size, check its current health status against breed norms, or review a complete roadmap of expected weight changes.

A+ Quality Score 100/100

puppy | growth | weight-estimation | breed-specific | animal-care

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vinkius.com/mcp/pet-growth-tracker

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.

Pet Growth Tracker MCP

3 tools available
Cloud-hosted on Vinkius

Managing a growing puppy means keeping track of rapid changes—especially weight. This connection gives you the tools to monitor developmental progress without guessing. You can input basic metrics like your dog's age and current weight, and the system predicts their eventual adult size. Beyond that, it provides breed-specific roadmaps, showing exactly what weights are expected at different ages. It also assesses if a puppy is currently healthy or falling outside its normal growth range relative to its breed. Because Vinkius hosts this MCP in its catalog, you connect your preferred AI client once and gain access to all these features for pet health tracking.

Core Capabilities

01 — Predict final adult weight

Input a puppy's current age and weight; the system returns an estimated adult weight range.

02 — Check current growth health

The MCP evaluates if a puppy's recorded weight falls within the healthy parameters for its breed.

03 — Review breed weight milestones

Access a specific, expected timeline of weights and sizes tailored to a particular dog breed.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/pet-growth-tracker** — connect your AI agent in three steps.

01 Tell your AI client what kind of puppy you have, its current age, and how much it weighs.

02 The MCP processes these metrics against established canine growth data for that specific breed.

03 You receive a direct assessment: either an estimated adult weight, confirmation that the puppy is in the normal range, or flagged details if it's underweight or overweight.

The bottom line is you get instant, accurate health guidance based on your dog's unique breed trajectory and current metrics.

Built For

This MCP is for dedicated puppy owners who are stressed about whether their pet is growing correctly. It also helps veterinary technicians needing a quick way to generate growth reports or recommend weight checks during routine visits.

New Puppy Owner

Using the MCP, you check if your puppy's current weight is normal for its age and breed. You also run predictions to see what your dog will look like when it's fully grown.

Veterinary Technician

You use this tool to quickly generate a growth curve comparison for patient records, helping the vet identify if weight issues need immediate attention.

What Changes When You Connect

01 Predicting future weight: Don't just track today; use `estimate_adult_weight` to know what size to expect when the puppy is fully grown. It gives you a concrete target for growth.

02 Real-time status checks: Need an immediate answer? Running `check_growth_status` tells you right away if your dog's weight is healthy, overweight, or underweight compared to its breed standard.

03 Milestone roadmap: Forget guessing games. The `get_growth_curve` tool provides a clear timeline of expected weights for the specific breed—like German Shepherd or Golden Retriever.

04 Breed-specific care: This isn't generic advice. Since it uses your dog's exact breed, every prediction and status check is tailored to its unique biological trajectory.

05 Simplicity: Instead of cross-referencing multiple charts online, you give the info to your AI client, and the MCP handles all the complex calculations instantly.

Real-World Applications

The owner worried about size

A new Golden Retriever owner wants to know if their current 4kg puppy is on track. They ask their agent, who uses `estimate_adult_weight` and confirms the dog should reach roughly 30kg. The owner feels confident knowing the expected final size.

The vet checking a repeat patient

A veterinarian needs to check if a Chihuahua is developing normally after a slight dietary change. They use `check_growth_status` and get confirmation that, despite minor fluctuations, the puppy remains within its expected weight parameters.

The owner planning for vet visits

An owner wants to prepare for next month's checkup. They use `get_growth_curve` on their German Shepherd and now know exactly what weights (3kg at 4 weeks, 6kg at 8 weeks) they should be expecting to see.

The concerned parent

A puppy owner sees a weight drop that worries them. They ask their agent to run `check_growth_status` immediately and get an instant assessment of whether the dip is normal or requires intervention.

Patterns to Avoid

Treating growth as linear

✗ AVOID

Assuming that because a puppy weighed 3kg at 8 weeks, it will hit 10kg by 16 weeks. Growth isn't always a straight line.

✓ INSTEAD

Use the `get_growth_curve` tool to see the expected milestones for your breed. This shows you the typical range and trajectory instead of just one single number.

Ignoring breed variations

✗ AVOID

Looking up generic puppy weight guides that don't account for size differences between, say, a Chihuahua and a Labrador.

✓ INSTEAD

Always specify the breed when using this MCP. The system uses your dog's specific type to provide accurate status checks with `check_growth_status`.

Relying on memory

✗ AVOID

Trying to recall if a puppy was healthy last month, only having vague measurements and notes.

✓ INSTEAD

Use the MCP's tools in tandem. Check current status with `check_growth_status`, then use that data to predict where it needs to be using `estimate_adult_weight`.

The Right Fit

Use this MCP if you need a reliable, breed-specific way to track puppy weight development and check against biological norms. You should run this when planning routine vet visits or after noticing any unusual changes in your pet's diet or activity level. However, don't use it if you are looking for general nutritional advice (you need a dedicated nutrition MCP) or if your dog has complex medical conditions that override standard growth models—in those cases, consult the veterinarian directly. This tool is purely about weight metrics and expected size.

Keeping track of puppy progress feels like juggling spreadsheets.

Every time a vet visit comes up, you find yourself cross-referencing different charts: one for general canine weights, another by breed, and then trying to manually plot the puppy's weight over time. You copy down today's measurement, pull up an old chart, estimate where they should be, and try to visualize if that drop was normal or concerning.

With this MCP, you skip all the manual charting. Just give your AI client the dog's age and current weight. The system instantly runs the numbers, providing a clear status check on whether the puppy is growing correctly for its specific breed.

Getting an accurate size prediction with estimate_adult_weight

Before you even plan for next year's vet visit, you have to predict what the puppy will actually weigh when it's done growing. You might spend time looking up breed averages, but those don't account for the dog's specific starting point.

Simply running `estimate_adult_weight` gives you a professional prediction based on current metrics and genetics. It tells you exactly what size to aim for, making planning easier from day one.

Pet Growth Tracker with 3 Tools

These tools allow you to calculate predicted adult weights, verify if a puppy is growing correctly, or map out expected weight milestones for any specific dog breed.

#	TOOL	DESCRIPTION
01	`check_growth_status`	Checks if a puppy's current recorded weight falls within the healthy range for its breed.
02	`estimate_adult_weight`	Predicts what a puppy’s final, full-grown adult weight will be based on today’s measurements.
03	`get_growth_curve`	Maps out the expected weight milestones and size progression for any specific dog breed.

See It in Action

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

U What will my 8-week old Golden Retriever, weighing 4kg, likely weigh as an adult?

Based on the current weight and age, your Golden Retriever is estimated to reach an adult weight of approximately 30kg.

U Is my 12-week old Chihuahua, weighing 1.5kg, growing correctly?

Your Chihuahua is currently within the normal growth range for its breed and age.

U Show me the expected weight milestones for a German Shepherd.

The growth curve for a German Shepherd includes milestones such as 4 weeks (approx 3kg), 8 weeks (approx 6kg), and 16 weeks (approx 12kg).

Frequently Asked Questions

01 **Can the Pet Growth Tracker MCP predict weight for adult dogs?**

While it focuses heavily on puppy development, this MCP uses current metrics and breed data to provide estimates. Always consult a vet for complex adult health predictions.

02 **How do I use get_growth_curve with my specific breed?**

You simply tell your AI client the name of the dog's breed. The tool then returns a detailed roadmap showing expected weight milestones at set time points for that type of dog.

03 **Is check_growth_status reliable if my puppy is eating differently?**

The status checker evaluates your current data against established norms. If you know the change was due to a specific medical or dietary reason, mention it to the vet when reviewing the results.

04 **What kind of information does estimate_adult_weight need?**

To get the best prediction, provide the puppy's current weight and its exact age in weeks or months. The more precise you are, the better the result will be.

05 **Does Pet Growth Tracker help with mixed-breed dogs?**

The MCP is designed to work with specific breeds for the most accuracy. While general input is possible, providing the closest known breed type yields the best growth curve data.

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 `"pet-growth-tracker": { "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

Pet Growth Tracker 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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Endpoint	`https://edge.vinkius.com/{token}/mcp`

LICENSE & USAGE

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