MCP SERVER | NO CODE | CLOUD HOSTED

Pet Body Condition Score MCP

Standardize pet nutrition checks on demand.

Pet Body Condition Score (BCS) Assessor provides veterinary-grade scoring for pet nutrition and weight status. Use this MCP to analyze physical signs, like rib visibility and waist definition, generating a precise 1-to-9 BCS. It translates that raw score into clear health categories—Underweight, Ideal, or Obese—and flags potential metabolic risks.

A+ Quality Score 100/100

bcs | pet-health | nutrition | veterinary-tools | body-condition-score

MAINTAINED BY VINKIUS CLOUD FOR AI AGENTS · JUNE 2026
vinkius.com/mcp/pet-body-condition-score-bcs-assessor

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 Body Condition Score (BCS) Assessor MCP

3 tools available
Cloud-hosted on Vinkius

Determining if a pet is at the right weight isn't just about looking in the mirror; it requires analyzing specific physical indicators. This MCP gives you standardized tools used by vets to calculate a Body Condition Score (BCS) on a 9-point scale. You simply input observations—like how easily ribs are felt or how defined the waist is—and the system handles the math. It doesn't just give you a number, either. The tool immediately translates that score into clear weight classifications and runs an assessment of potential health risks associated with that level of body mass. If your current workflow involves tracking pet nutrition manually, connecting through Vinkius means you get instant access to this specialized scoring system alongside thousands of other operational tools for your agent.

Core Capabilities

01 — Calculate the BCS Score

Takes physical examination details (ribs, waist, fat) and outputs a precise numerical Body Condition Score from 1 to 9.

02 — Classify Weight Status

Converts any calculated BCS number into a simple, readable weight category like 'Ideal' or 'Obese'.

03 — Assess Health Risk

Provides an immediate clinical assessment of potential health implications based on the pet’s current body mass.

One Click on Vinkius — From Prompt to Execution

Available at **vinkius.com/mcp/pet-body-condition-score-bcs-assessor** — connect your AI agent in three steps.

01 Provide physical details observed during the exam, such as rib palpability and abdominal fat presence.

02 The MCP calculates the specific numerical Body Condition Score based on those inputs.

03 You receive three outputs: the raw score (1-9), a human-readable weight category, and a detailed list of associated health risks.

The bottom line is that you get an instant, standardized assessment of your pet's nutritional status without needing specialized veterinary calculation knowledge.

Built For

This MCP is essential for veterinarians who need a quick second opinion on patient weight. It helps grooming salons and pet care assistants document findings professionally, moving beyond subjective observations to actionable data.

Veterinarian

Uses the tool to confirm if a pet's current BCS is contributing to or mitigating specific chronic diseases like joint issues or diabetes.

Pet Groomer/Stylist

Documents findings for client records, providing clients with objective data points about their pet's nutritional status after a grooming session.

Veterinary Technician

Quickly cross-references initial physical observations against known clinical risk profiles to guide the vet's treatment plan.

What Changes When You Connect

01 Get an objective score instantly. Instead of subjective notes, the `compute_body_condition_score` tool provides a precise 1-to-9 number based on physical observations.

02 Understand the implications immediately. The system doesn't just score; it uses `evaluate_health_risk` to tell you what that score means for the pet's long-term health, flagging real concerns like joint strain or metabolic issues.

03 Clear communication with owners. Use `get_body_classification` to translate complex scores into simple terms—Underweight, Ideal, Obese—making client conversations straightforward and professional.

04 Documentation consistency. Ensures every pet record uses the same standardized, veterinary-grade method for assessing body mass, improving data reliability across your practice.

05 Actionable results. The output isn't just text; it's a calculated risk level that guides immediate care recommendations to both staff and owners.

Real-World Applications

Client concern about weight gain

A client is worried their dog gained too much weight during the last month. Instead of just guessing, you use the MCP to analyze current physical findings (e.g., difficulty seeing ribs). The system generates a BCS and tells the owner not only what the score is but also lists specific metabolic risks they need to watch for.

Initial intake assessment at a new clinic

A vet needs to document the nutritional status of 10 incoming patients quickly. By running `compute_body_condition_score` on each pet's findings, you get a consistent data set that instantly flags any patient who falls into an 'Obese' category for immediate weight management planning.

Post-surgery care monitoring

A vet needs to monitor if a large dog is recovering well after surgery. You use the MCP to check the BCS, which helps determine if poor muscle tone or rapid weight fluctuation is putting undue stress on healing tissues.

Grooming service quality assurance

A grooming salon wants to add a premium 'nutritional health' service. They use the MCP tools to take physical measurements, generate the BCS, and provide clients with a professional, standardized report they can trust.

Patterns to Avoid

Relying on visual estimation

✗ AVOID

Writing 'The pet looks heavy' or 'Looks like he needs some weight loss.' These phrases are subjective and useless for tracking progress.

✓ INSTEAD

Use the MCP to analyze findings, then let `compute_body_condition_score` give you a precise 1-to-9 number. Follow up by using `get_body_classification` to state it is 'Obese'—that's measurable fact.

Just checking weight on a scale

✗ AVOID

A client brings in the pet and just weighs them, assuming that number equals good health. Weight alone doesn't tell you about muscle mass or fat distribution.

✓ INSTEAD

Weight is only one part of it. Always use `compute_body_condition_score` first to assess physical indicators, then check for risk with `evaluate_health_risk`.

Ignoring the full health picture

✗ AVOID

Calculating a score and just stating '5' without context. The number means nothing if you don't know what it implies for their joints or metabolism.

✓ INSTEAD

Always use all three tools: calculate the BCS, get the classification from `get_body_classification`, and then run `evaluate_health_risk` to provide comprehensive care advice.

The Right Fit

Use this MCP if your workflow requires converting vague physical observations—like 'fat seems high' or 'ribs are hard to see'—into objective, standardized data points. It is perfect for veterinary techs and groomers who need consistency across multiple clients daily.

Don't use this if you simply need a general weight scale measurement; that only tells part of the story. If your goal is purely educational or theoretical scoring without linking to specific health risks, other simple calculation tools might suffice. But because this MCP connects three distinct steps—scoring, classifying, and risk assessment—it's unmatched for creating actionable, clinical reports.

The problem with current pet wellness checks is inconsistency.

Today, assessing a pet's nutritional status involves physical exams followed by subjective notes. You write things like 'Seems a little round' or 'Ribs visible but hard to see.' This process relies heavily on the individual technician's experience and memory, leading to inconsistent records that are tough for clients to understand.

With this MCP, you turn those vague observations into concrete data. Inputting findings automatically generates the full 9-point BCS score, translates it into a clear weight category, and gives an immediate risk assessment. You walk away with a professional report that tells a complete story.

Using the Pet Body Condition Score MCP for standardized care.

Manual checking requires multiple steps: first, assessing rib visibility; second, determining waist definition; and third, manually cross-referencing those findings against a risk chart. Each step is prone to human error and takes up valuable time in the examination room.

This MCP bundles that entire process into three clear commands. You calculate the score using `compute_body_condition_score`, confirm the category with `get_body_classification`, and finalize the report by running through `evaluate_health_risk`. The outcome is a single, definitive health profile.

Pet Body Condition Score Assessor MCP with 3 Tools

This collection of tools lets you calculate, classify, and assess the health risks associated with a pet's body condition score based on physical examination findings.

#	TOOL	DESCRIPTION
01	`compute_body_condition_score`	Calculates a numerical Body Condition Score (1-9) based on detailed physical exam findings.
02	`evaluate_health_risk`	Provides potential health implications and a clinical risk rating for any given BCS score.
03	`get_body_classification`	Translates the raw numerical BCS into a simple, descriptive weight category (e.g., Ideal).

See It in Action

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

U My dog's ribs are very easy to feel, the waist is extremely visible, and there is minimal abdominal fat. What is his BCS?

Based on those findings, your dog has a Body Condition Score of 2, which falls into the Underweight category.

U The pet's ribs are impossible to feel, there is no visible waist, and significant abdominal fat is present. What is the score and what are the risks?

The calculated Body Condition Score is 9. This indicates extreme obesity, which carries a High Risk level due to potential metabolic and joint-related health concerns.

U What is the classification for a BCS of 5?

A Body Condition Score of 5 is classified as Ideal.

Frequently Asked Questions

01 **How do I use the compute_body_condition_score tool?**

You describe the pet's physical findings—specifically rib visibility, waist definition, and abdominal fat presence. The MCP then runs those details through the standardized 9-point calculation to give you a numerical score.

02 **Does this BCS Assessor only calculate the number?**

No, it does more than just score. After calculating the BCS, you can run `get_body_classification` to instantly translate that number into common terms like 'Ideal' or 'Underweight,' making the result easy for clients to grasp.

03 **What if I need to know about health risks?**

You use the `evaluate_health_risk` tool. By giving it the BCS you just calculated, it provides a clinical assessment of potential metabolic issues or joint-related concerns tied directly to that specific score.

04 **Can I use this MCP for dog and cat weight assessments?**

Yes, the scoring system is standardized across breeds. As long as you provide accurate physical indicators (ribs, waist, fat), the BCS Assessor will calculate the score regardless of species.

05 **Are these tools better than just using a standard vet chart?**

They are more consistent because they enforce the standardized calculation and immediately link that score to clinical risks. You get an integrated, repeatable process rather than relying on static charts alone.

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-body-condition-score-bcs-assessor": { "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 Body Condition Score (BCS) Assessor 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

INDEPENDENT PLATFORM DISCLAIMER

Vinkius is an independent platform and is not affiliated with, endorsed by, sponsored by, verified by, or otherwise authorized by Pet Body Condition Score (BCS) Assessor. All third-party trademarks, logos, and brand names are the property of their respective owners. Their use in this document is strictly for informational purposes to identify service compatibility and interoperability.

DOCUMENT INFORMATION

Generated	June 2026
MCP Server	Pet Body Condition Score (BCS) Assessor MCP
Server ID	`019ef979-1d4c-73cb-a0df-ed56fd4b76b4`
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/mcp/pet-body-condition-score-bcs-assessor.