

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

Certificate Progress MCP for tracking credentials.

Know exactly what you need to finish your certifications.

Certificate Progress MCP monitors your professional certification journey. It lets your AI client calculate completion percentages, break down requirements by category, and identify exactly which tasks are still pending. You can use it to confirm when you have finally met all the criteria to claim your credential.

A+ Quality Score 100/100

certification

progress

tracking

compliance

education



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.

certificate-progress MCP

4 tools available

Cloud-hosted on Vinkius

You can stop manually checking checklists to see if you're ready for your next professional credential. This MCP connects your AI client directly to your certification data so you can get instant updates on your standing. Instead of digging through emails or portals, you just ask your agent for a status report.

You can see a high-level percentage of how much work is left or dive into specific categories to see which exams or practical tasks are still outstanding. It's built to help you identify the exact next steps needed to move forward. When you think you're done, your agent can run a final check to confirm you've met every mandatory requirement before you attempt to claim your certificate.

Core Capabilities

01 — Progress Tracking

Your agent calculates your completion percentage at any time.

02 — Requirement Auditing

The AI breaks down your status by specific categories like exams or practical work.

03 — Task Identification

Your agent pulls a list of exactly what you need to do next.

04 — Eligibility Verification

The AI confirms if you have met all the rules to claim your credential.

One Click on Vinkius — From Prompt to Execution

Available at vinkius.com/en/ai-agent-connect/certificate-progress — connect your AI agent in three steps.

01 Connect the MCP to your preferred client like Claude or Cursor via Vinkius.

02 Ask your agent for a progress update on a specific certification.

03 Review the breakdown of completed and pending requirements.

04 Use the validation tool to confirm you are ready to claim your credential.

Connect the MCP to your AI client and start asking questions about your status.

Built For

Professionals managing multiple technical or industry certifications through an AI-driven workflow.

IT Professionals

They ask their agent to track progress through various cloud or security certification paths.

Compliance Officers

They use the tool to verify that staff have met all necessary training requirements.

Students

They check their remaining exam and practical work requirements to plan their study schedules.

What Changes When You Connect

- 01 Eliminates manual tracking of certification checklists.
- 02 Provides instant visibility into remaining workload.
- 03 Reduces the risk of attempting to claim a certificate before meeting all criteria.

Real-World Applications

Certification Planning

Use the tool to see how much time and effort remains in a specific certification track.

Gap Analysis

Identify which specific categories of requirements are holding back your progress.

Final Readiness Check

Confirm you have met every single requirement before paying for or attempting a final credential claim.

Status Reporting

Get a quick summary of completed versus pending tasks to share with managers or mentors.

Patterns to Avoid

Manual checklist hunting

❌ AVOID

You spend an hour digging through old emails and portal logins to see if you finished your practical exams.

✓ INSTEAD

Just ask your agent for a status report. Use ``get_requirement_breakdown`` to see exactly which sections are still pending.

Guessing your readiness

❌ AVOID

You assume you are ready to pay for a final exam because you finished the main course.

✓ INSTEAD

Don't risk the fee. Run ``validate_certification_readiness`` to confirm you have satisfied every single requirement first.

Vague progress tracking

❌ AVOID

You tell your manager you are 'almost done' with a security certification without any hard data.

✓ INSTEAD

Provide a concrete number. Use ``get_completion_percentage`` to give them a specific percentage of the finished curriculum.

The Right Fit

Connect this MCP if you manage multiple technical credentials and need a single source of truth for your status. If you only have one single exam to take, you probably don't need this. The decision comes down to whether you want to stop manually checking portals and start asking an agent for instant updates.



4 Tools to Track and Validate Your Certification Progress

These tools give your agent direct access to your certification data, from high-level completion percentages to specific pending tasks.

#	TOOL	DESCRIPTION
01	get_completion_percentage	This tool calculates your total progress toward a specific certification. It gives you a direct percentage to show how much of the curriculum is finished.
02	get_requirement_breakdown	This tool provides a detailed view of your status across different requirement categories. It shows you exactly which sections are complete and which are still pending.
03	list_pending_requirements	This tool identifies the specific tasks you still need to complete. It acts as a targeted to-do list for your next steps.
04	validate_certification_readiness	This tool checks your final eligibility. It confirms whether you have satisfied all necessary criteria to officially claim your credential.

See It in Action

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

U How close am I to finishing my AWS Cloud Practitioner certification?



You are 75% complete. You have 2 requirements remaining.

U What requirements have I finished for my certification?



You have completed 2 out of 3 Exams and 1 out of 1 Practical Work requirement.

U Am I ready to claim my certificate?



Yes, you have met all mandatory criteria and are ready to claim your certificate.

Frequently Asked Questions

01 How do I use this MCP with Claude?

You connect to the MCP through the Vinkius platform. Once connected, your agent in Claude can immediately use the tools to check your certification status.

02 Can I see which specific exams I still need to take?

Yes. You can use the `list_pending_requirements` tool to get a specific list of what you need to do next.

03 Does this tool tell me if I am eligible for my certificate?

Yes. The `validate_certification_readiness` tool checks your status against all mandatory criteria to confirm eligibility.

04 Can I see my progress by category?

Yes. The `get_requirement_breakdown` tool provides a detailed view of finished and pending requirements organized by category.

05 What if I only want to know my total completion percentage?

You can simply ask your agent for your completion percentage, which triggers the `get_completion_percentage` tool.

06 How is the completion percentage calculated?

The percentage is calculated by summing the weights of all completed requirements and dividing that by the total weight of all requirements in the certification mandate.

07 Can I see what I need to do next?

Yes, you can use the `'list_pending_requirements'` tool to get a specific list of tasks that are currently in a pending or in-progress state.

08 How do I know if I am ready to claim my certificate?

You can use `'validate_certification_readiness'` to check if you have met all mandatory criteria and are eligible for final certification.

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>"certificate-progress": { "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

certificate-progress 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	<code>https://edge.vinkius.com/{token}/mcp</code>

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