

Agentic Web Search Certification Exam Guide

Role description

The Agentic Web Search Exam is intended for individuals who can connect AI agents and RAG pipelines to live, real-world information using the Tavily API. They use Tavily Search and Extract to retrieve and clean web content, and Tavily Map and Crawl to discover and traverse larger sites.

They also understand how to optimize search parameters for relevance, latency, and cost.

They are responsible for how an agent finds, retrieves, and reasons over web content, not for training, fine-tuning, or hosting the underlying LLM itself.

Target candidates

Software engineers with knowledge of at least one programming language, preferably Python, and basic REST API concepts. 1+ year of experience is recommended but not required.

Domains & Weighting

The exam includes the following content areas and their weightings. This guide doesn't cover every topic, but it provides helpful context to prepare for the exam.

Domain	Exam Weight
1. Foundations of agentic web search	~15%
2. Tavily search capabilities	~35%
3. Tavily agent integrations	~25%
4. Production operations & reliability	~25%

Exam Format

The assessment is delivered remotely and monitored with AI-assisted proctoring. It is delivered via a partner exam platform.

All questions in the exam follow the same format:

Multiple choice – one correct answer and three incorrect options (distractors).

There are no strict prerequisites. No pre-tests or additional eligibility checks are required.

Duration is limited to 1 hour.

Content Outline

1. Foundations of Agentic Web Search

Potential Topics Covered

- Real-time web search fundamentals
- Crawl, search, and extract web-access operations
- Source relevance, recency, and credibility in returned results
- Agent tool selection
- Blended RAG pipelines

2. Tavily Search & Extract

Potential Topics Covered

- Tavily Search parameters
- Tavily Extract + Search pipelines
- Reading and using response fields
- Failed extraction and partial result recovery

3. Tavily Crawl, Map & Agent Integrations

Potential Topics Covered

- Tavily Map operation and usage
- Tavily Crawl parameters
- Tavily MCP server integration
- Endpoint selection
- Error recovery and handling around Tavily calls
- Crawl scope and depth constraints

4. Production Operations & Reliability

Potential Topics Covered

- Tavily API key authentication

- Credit consumption monitoring
- HTTP 429 responses and handling
- Credit budget management
- Forecasting cost
- Key-rotation and secret-handling best practices

This exam guide is provided for informational purposes only and is subject to change without notice. The exam content, including but not limited to exam structure, format, domains, weightings, topics, pass scores, and target candidate description, may be updated, modified, or removed at any time. This guide should be used as a reference for preparation and not as a definitive or exhaustive list of exam content.

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