

PATCH RELEASE

SASVA Canvas 3.1.2

Fact Service agent and a fix for masked API keys leaking to the backend.

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PRODUCT VERSION**3.1.2****SOFTWARE RELEASED****10 March 2026****DOCUMENT PUBLISHED****10 March 2026****SURFACES****Web**

§ Contents

- 1 About this document
- 2 Document control
- 3 Product release history
- 4 In this release
- 5 What's new
- 6 Security & trust
- 7 Improvements
- 8 What to expect after upgrade

1 About this document

This document is the release note for **SASVA Canvas 3.1.2**. It describes what this release delivered — each capability in enough detail that a reader who was not in the room can brief a customer, an operator, or an auditor. It lists this release and earlier releases only.

How to read this note. Each item below is a capability or a defect closed in 3.1.2. The first sentences say what changed; the next say why it matters and what you will see after upgrade.

2 Document control

Document title	SASVA Canvas 3.1.2 Release Notes
Document version	1.0 — published with Canvas 3.1.2
Product version	3.1.2
Software released on	10 March 2026
Document published on	10 March 2026
Classification	Internal — Persistent Systems

Document revision history

Version	Date	Description of change
1.0	10 March 2026	Initial publication of the Canvas 3.1.2 release notes, aligned with the product release date.

3 Product release history

This table lists this release and earlier Canvas releases. The highlighted row is this document.

Version	Date	Type	Headline
3.1.2	10 Mar 2026	Current Patch	Fact Service agent and a fix for masked API keys leaking to the backend
3.1.1	9 Mar 2026	Minor	Billing, 8-factor ROI, team collaboration, image generation, and PENTEST-001
3.1.0	8 Feb 2026	Minor	Multi-agent RAG, Business and Product workspaces, enterprise security, and mobile

4 In this release

3.1.2 added a verified knowledge source that outranks a web search, and closed a security hole that presented as a SerpAPI outage. After login, masked API keys were being posted back to the server and used as if they were real. Market research then failed with 401 and looked like the search provider was down.

The version number is aligned to 3.1.2.

5 What's new

Fact Service agent

Chat gains a Fact Service agent that queries an external verified knowledge base and treats the result as a prioritized source of truth. When Fact Service has an answer, it outranks a web snippet and an unvetted document chunk for that claim.

The agent runs across workspace chat, knowledge chat, and multi-agent flows. Super Admins and Tenant Admins configure the service URL, Top K, and debug from Settings → Fact Service. A deployment that does not set a URL simply does not run the agent — other retrieval paths are unchanged.

6 Security & trust

Masked API keys are not live credentials

After login the client held masked stand-ins for keys it had already saved (SerpAPI among them). Those masked values were sent back on later requests. The server treated them as the real key, called SerpAPI, and received 401. Market Insights looked broken. The real key never left the server; the client had just taught the server to forget it.

3.1.2 stops treating a masked value as a credential. The server keeps using the key it already stored. The customer-visible SerpAPI-401-after-login failure is the symptom this closed. The same class of bug applied to any masked secret the client was echoing.

7 Improvements

ctx-code is whatever Settings says it is

Verification agents invoked ctx-code through a path that did not reliably match the Settings page. An admin would set a model or a working directory and the agents would still use the old ones. 3.1.2 reads path, model, and working directory from Settings at invocation time. The page is the runtime.

8 What to expect after upgrade

If Market Insights started failing right after login on 3.1.1, 3.1.2 is the fix — you do not need a new SerpAPI key. Configure Fact Service only if you have a verified knowledge-base URL to point at; it is optional.

PREVIOUS RELEASE

3.1.1

SASVA Canvas · 3.1.2 Release Notes 1.0

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