



**Persistent**

# **SASVA IDE Plugin 2.1.1**

**For Visual Studio Code**

Release Notes

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## Revision history

Version	Date	Description of change
1.0	20 June 2025	Initial release

For the latest version of this document, refer to the SASVA Help Articles page on:

<https://support.accelerite.com/hc/en-us/sections/37500881870477>.

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## About this document

This document provides information about the changes, enhancements, known issues and limitations, and the defects fixed in SASVA IDE Plugin 2.1.1 for Visual Studio Code.

## What's new

Increased the character limit for the **First Name** and **Last Name** fields on the **Sign-Up** page to accommodate longer names.

## Known limitations

This section lists the known limitations of IDE Plugin 2.1.1 for Visual Studio Code.

- \ The SASVA IDE does not accept blank lines in your prompts.
- \ When SASVA tries to create a repository in GitHub automatically, it fails and creates a blank repository.
- \ During project migration, the following error message is displayed:  
`Server closed the connection.`
- \ It takes approximately 2 minutes to create project diagrams in the Project Diagrams feature.
- \ It takes approximately 2 minutes to receive a response to a question in SASVA Ask.

## Fixed defects

This section lists the defects fixed in IDE Plugin 2.1.1 for VS Code.

1. Defect: The **Sign In** prompt reappears even after a successful IDE login.

Cause: Base64-encoded email addresses that had == were not handled correctly during session validation.

Solution: Updated the session validation logic to handle encoded email edge cases

2. Defect: Issues fetch repository data due to naming conventions.  
  
Cause: Special characters like hyphens (-), spaces ( ), and ampersands (&) in repository names caused fetch failures.  
  
Solution: Updated the repository name handling logic to support special characters
3. Defect: The responses in SASVA Ask feature displays `Undefined`.  
  
Cause: Incomplete response-handling led to displaying the term `Undefined`.  
  
Solution: Corrected the response formatting to eliminate undefined values
4. Defect: Single Sign On (SSO) login fails in User Management  
  
Cause: The authentication flow was not functioning as expected.  
  
Solution: Fixed the SSO login process to ensure successful authentication
5. Defect: Builder creates files in a Git-connected folder despite selecting another folder  
  
Cause: Files were being created in the default Git-cloned directory.  
  
Solution: Corrected the folder selection logic to allow user input
6. Defect: The text in the project diagram in the generated PDF is not legible due to wrapping issues.  
  
Cause: PDF viewers like the Edge browser enforce the **Fit to Page** view, which affects readability  
  
Solution: Clarified the document behavior; no programmatic fix available due to browser limitations
7. Defect: In **Source Connect** feature, an error occurs while executing the `generateCodeIndexScript`.  
  
Cause: An exception occurs while creating the index.  
  
Solution: Improved error handling to prevent script failure
8. Defect: The **SASVA Ask** feature explains the entire file instead of the selected lines of code.  
  
Cause: The `lineNumberCount` config parameter included the extra context lines.  
  
Solution: Updated the configuration to allow explanation of only the selected lines

9. Defect: Old images are shown when the model fails to generate new project diagrams
  - Cause: The Fetch mode was enabled that was causing a fallback to previous images
  - Solution: Updated logic to prevent reuse of outdated images
10. Defect: Project Structure: setting folder not visible in project scan folder structure
  - Cause: By design, the hidden folders were getting excluded
  - Solution: Updated the design to include hidden folders in the structure
11. Defect: The **Generate** button remains enabled during diagram fetch.
  - Cause: The state of button was not updated during the fetch operation.
  - Solution: Disabled the button during fetch
12. Defect: Axios Error 503 in SASVA Ask (small window)
  - Cause: Axios request failed due to server error.
  - Solution: Resolved the issue to prevent the error.
13. Defect: Unable to select a different folder for a new application in Builder
  - Cause: The Python script error broke the code, which disabled the folder selection option in the Builder.
  - Solution: Added a new flow to allow folder selection for new applications
14. Defect: Large repository or branch names are not legible; need to manually zoom to view all the details
  - Cause: Support for displaying large repository or branch names was not considered during initial development.
  - Solution: Adjusted the IDE layout to fit all the elements within the visible area
15. Defect: In **SASVA QE** feature, the Selenium automation script for .NET is not generated.
  - Cause: Due to model changes and the implementation of enforce learning to enhance accuracy.
  - Solution: Resolved the script generation issue
16. Defect: The **Fetch** button is not disabled during diagram generation.
  - Cause: Disabling the fetch button during diagram generation was not implemented during initial development.

Solution: Corrected the button state management

17. Defect: Export Logs generate empty or irrelevant logs

Cause: Relevant log handling was not included during initial development.

Solution: Added a warning message for missing logs and disabled export during active operations

18. Defect: Error while calling background scan status API during project repository scan

Cause: Backend server was down.

Solution: Resolved API call issue

## Documentation

The following are the other SASVA 2.1.1 release documents:

	Module name	Document name	Format
1	IDE Plugin documents	<ul style="list-style-type: none"><li>a. Release Notes for Visual Studio Code (this document)</li><li>b. User Guide for Visual Studio Code</li></ul>	PDF
2	North Star documents	<ul style="list-style-type: none"><li>a. Release Notes</li><li>b. User Guide</li></ul>	PDF
3	Release Management documents	<ul style="list-style-type: none"><li>a. Release Notes</li><li>b. User Guide</li><li>c. Administrator Guide</li></ul>	PDF

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## SASVA Support

For any assistance or queries, feel free to write to us at [support@sasva.ai](mailto:support@sasva.ai).

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