

apache / airflow Public

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Add `access_key` and `connection_string` to `DEFAULT_SENSITIVE_FIELDS` #61580

Merged shahar1 merged 1 commit into apache:main from sunank200:fix/azure-connection-se... on Feb 7

Conversation 3 Commits 1 Checks 61 Files changed 1



sunank200 commented on Feb 7

Collaborator

Azure Blob Storage, Azure File Share, and Azure Data Lake Store connection strings and shared access keys are stored in the connection `extra` JSON under keys that were not matched by the existing sensitive field patterns. This allowed users with read-only Connection permissions (e.g. Viewer role) to retrieve these secrets in plaintext via the API.

This PR adds `connection_string` and `access_key` to the default set, ensuring these values are automatically redacted in API responses and logs.

Was generative AI tooling used to co-author this PR?

Yes (please specify the tool below)

- Read the [Pull Request Guidelines](#) for more information. Note: commit author/co-author name and email in commits become permanently public when merged.
- For fundamental code changes, an Airflow Improvement Proposal (AIP) is needed.
- When adding dependency, check compliance with the [ASF 3rd Party License Policy](#).
- For significant user-facing changes create newsfragment: `{pr_number}.significant.rst` or `{issue_number}.significant.rst`, in [airflow-core/newsfragments](#).



sunank200 requested review from amoghrajesh, ashb and potiuk as code owners 2 months ago

sunank200 removed the request for review from **ashb** [2 months ago](#)

Add `access_key` and `connection_string` to `DEFAULT_SENSITIVE_FIELDS` [065b22c](#)

sunank200 [force-pushed](#) the `fix/azure-connection-secret-exposure` branch from **e6752c4** to **065b22c** [2 months ago](#) [Compare](#)

shahar1 approved these changes [on Feb 7](#)

[View reviewed changes](#)

shahar1 added `provider:microsoft-azure` `security` `backport-to-v3-1-test` labels [on Feb 7](#)

shahar1 merged commit **6d9d86c** into `apache:main` [on Feb 7](#)
62 checks passed

[View details](#)

sunank200 deleted the `fix/azure-connection-secret-exposure` branch [2 months ago](#)

github-actions Bot pushed a commit that referenced this pull request [on Feb 7](#)

`[v3-1-test]` Add `access_key` and `connection_string` to `DEFAULT_SENSI...` [86a5fa8](#)

github-actions Bot commented [on Feb 7](#)

Contributor

Backport successfully created: v3-1-test

Status	Branch	Result
	v3-1-test	PR 61582

shahar1 pushed a commit that referenced this pull request [on Feb 7](#)

`[v3-1-test]` Add `access_key` and `connection_string` to `DEFAULT_SENSI...` [5b1304e](#)

amoghrajesh commented [on Feb 8](#)


Contributor

This is cool but we need to spend *more* time getting to the bottom of the root cause here. "schema" should not be holding the sensitive field in the first place. We should have it be under "extra". [@sunank200](#) you can choose to work on it

potiuk commented [on Feb 8](#)

Member

Yeah. I think we need a bit more for it. The change is good as well, but it does not solve the underlying schema issue

 **jhgoebbert** pushed a commit to [jhgoebbert/airflow_Owen-CH-Leung](#) that referenced this pull request [on Feb 8](#)

 [Add access_key and connection_string to DEFAULT_SENSITIVE_FIELDS \(a...](#) ... [523cc52](#)

 **Ratasa143** pushed a commit to [Ratasa143/airflow](#) that referenced this pull request [on Feb 15](#)

 [Add access_key and connection_string to DEFAULT_SENSITIVE_FIELDS \(a...](#) ... [7926f28](#)

 **choo121600** pushed a commit to [choo121600/airflow](#) that referenced this pull request [on Feb 22](#)

 [Add access_key and connection_string to DEFAULT_SENSITIVE_FIELDS \(a...](#) ... [d12c5ab](#)


 **AkshayArali** pushed a commit to [AkshayArali/airflow_630](#) that referenced this pull request [on Feb 27](#)

 [Add access_key and connection_string to DEFAULT_SENSITIVE_FIELDS \(a...](#) ... [33acc6c](#)

 **Subham-KRLX** pushed a commit to [Subham-KRLX/airflow](#) that referenced this pull request [on Mar 4](#)

 [Add access_key and connection_string to DEFAULT_SENSITIVE_FIELDS \(a...](#) ... [2264915](#)

 **vatsrahul1001** pushed a commit that referenced this pull request [on Mar 4](#)

 [\[v3-1-test\] Add access_key and connection_string to DEFAULT_SENSI...](#) ... [8bf7346](#)

 **dominikhei** pushed a commit to [dominikhei/airflow](#) that referenced this pull request [on Mar 11](#)



Add [access_key](#) and [connection_string](#) to DEFAULT_SENSITIVE_FIELDS (a... ... [b563f02](#)



Ankurdeewan pushed a commit to Ankurdeewan/airflow that referenced this pull request on [Mar 15](#)



Add [access_key](#) and [connection_string](#) to DEFAULT_SENSITIVE_FIELDS (a... ... [f5c597f](#)



radhwene pushed a commit to radhwene/airflow that referenced this pull request on [Mar 21](#)



Add [access_key](#) and [connection_string](#) to DEFAULT_SENSITIVE_FIELDS (a... ... [49d7fbf](#)



nixpkgs-security-tracker (Bot) mentioned this pull request [last week](#)

[Apache Airflow: Sensitive Azure Service Bus connection string \(and possibly other providers\) exposed to users with view access NixOS/nixpkgs#510501](#)



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Reviewers



shahar1



amoghrajesh



potiuk



Assignees

No one assigned

Labels

- provider:microsoft-azure
- security

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

None yet

4 participants

