

apache / airflow Public[Code](#) [Issues](#) 1.2k [Pull requests](#) 478 [Discussions](#) [Actions](#) [Projects](#)

Mask secrets properly when using deprecated import path #58662

Merged

amoghrajesh merged 1 commit into apache:main from

amoghrajesh:compat-shim-for-maske...  on Nov 26, 2025[Conversation](#) 6 [Commits](#) 1 [Checks](#) 84 [Files changed](#) 1

amoghrajesh commented on Nov 25, 2025

Contributor

The deprecated import path 'airflow.sdk.execution_time.secrets_masker' was redirecting mask_secret() to a single-process implementation that only masked secrets in the task subprocess. This caused secrets to not be masked in logs because the supervisor process (which writes logs) did not receive masking instructions through this message: <https://github.com/apache/airflow/blob/main/task-sdk/src/airflow/sdk/log.py#L244-L250>

Users importing mask_secret from the old path would see their secrets appear unmasked in task logs despite calling mask_secret() successfully.

The compatibility shim now redirects mask_secret to the supervisor aware implementation in airflow.sdk.log that properly masks secrets in both the task and supervisor processes.

Testing

DAG used:

```
import sys
from time import sleep

from airflow.sdk import DAG, Variable
from airflow.providers.standard.operators.python import PythonOperator
from airflow.exceptions import AirflowTaskTimeout

from airflow.sdk.execution_time.secrets_masker import mask_secret

mask_secret("username")

def py_callable():
```



```
print("Hello World!")
print("This is an username: username")
print(f"This is in dict form: {'key': 'username'}")
print(f"This is in list form: {[1, 2, 3, 'username']}")
```

```
with DAG(
    dag_id="testing_secrets_masker",
    schedule=None,
    catchup=False,
    tags=["hello", "world"],
) as dag:
    my_task = PythonOperator(
        task_id="say_hello",
        python_callable=py_callable,
    )
```

Before the change:

```
All Log Levels  All Sources  Log Settings  ↗  ↓
Log message source details sources="/root/airflow/logs/dag_id=testing_secrets_masker/run_id=manual__2025-11-25T06:19:00+00:00/task_id=say_hello/attempt=1.log"
2 [2025-11-25 11:49:02] INFO - __file__='/files/plugins/triggeera.py' loaded source=task.stdout
3 [2025-11-25 11:49:02] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=manager.py:209
4 [2025-11-25 11:49:02] INFO - Filling up the DagBag from /files/test_dags/logging-secrets.py source=airflow.dag_processing.dagbag.DagBag loc=dagbag.py:626
5 [2025-11-25 11:49:02] INFO - __file__='/files/plugins/triggeera_comprehensive.py' loaded source=task.stdout
6 [2025-11-25 11:49:02] INFO - Done. Returned value was: None source=airflow.task_operators.airflow.providers.standard_operators.python.PythonOperator loc=python.py:218
7 [2025-11-25 11:49:02] INFO - Hello World! source=task.stdout
8 [2025-11-25 11:49:02] INFO - This is an username: username source=task.stdout
9 [2025-11-25 11:49:02] INFO - This is in dict form: {'key': 'username'} source=task.stdout
10 [2025-11-25 11:49:02] INFO - This is in list form: [1, 2, 3, 'username'] source=task.stdout
```

After the change:

```
All Log Levels  All Sources  Log Settings  ↗  ↓
Log message source details sources="/root/airflow/logs/dag_id=testing_secrets_masker/run_id=manual__2025-11-25T06:39:56+00:00/task_id=say_hello/attempt=1.log"
2 [2025-11-25 12:09:57] INFO - __file__='/files/plugins/triggeera.py' loaded source=task.stdout
3 [2025-11-25 12:09:57] INFO - __file__='/files/plugins/triggeera_comprehensive.py' loaded source=task.stdout
4 [2025-11-25 12:09:57] INFO - DAG bundles loaded: dags-folder source=airflow.dag_processing.bundles.manager.DagBundlesManager loc=manager.py:209
5 [2025-11-25 12:09:57] INFO - Filling up the DagBag from /files/test_dags/logging-secrets.py source=airflow.dag_processing.dagbag.DagBag loc=dagbag.py:626
6 [2025-11-25 12:09:57] WARNING - Importing from 'airflow.sdk.execution_time.secrets_masker' is deprecated and will be removed in a future version. Please use 'airflow.sdk_shared.secrets_masker' instead. cat...
7 [2025-11-25 12:09:57] INFO - Hello World! source=task.stdout
8 [2025-11-25 12:09:57] INFO - This is an ***: *** source=task.stdout
9 [2025-11-25 12:09:57] INFO - This is in dict form: {'key': '***'} source=task.stdout
10 [2025-11-25 12:09:57] INFO - This is in list form: [1, 2, 3, '***'] source=task.stdout
11 [2025-11-25 12:09:57] INFO - Done. Returned value was: None source=airflow.task_operators.airflow.providers.standard_operators.python.PythonOperator loc=python.py:218
```

I also fixed the deprecation warning which was not being emitted.

^ Add meaningful description above

Read the [Pull Request Guidelines](#) for more information.

In case of fundamental code changes, an Airflow Improvement Proposal ([AIP](#)) is needed.

In case of a new dependency, check compliance with the [ASF 3rd Party License Policy](#).

In case of backwards incompatible changes please leave a note in a newsfragment file, named

`{pr_number}.significant.rst` or `{issue_number}.significant.rst`, in [airflow-core/newsfragments](#).





  **amoghrajesh** requested review from **ashb** and **kaxil** as [code owners](#) [5 months ago](#)

  **boring-cyborg** bot added the `area:task-sdk` label [on Nov 25, 2025](#)

  **amoghrajesh** requested a review from **potiuk** [5 months ago](#)

  **amoghrajesh** self-assigned this [on Nov 25, 2025](#)

  **amoghrajesh** added this to the **Airflow 3.1.4** milestone [on Nov 25, 2025](#)

  **amoghrajesh** requested a review from **sunank200** [5 months ago](#)

  **amoghrajesh** added the `backport-to-v3-1-test` label [on Nov 25, 2025](#)

  **amoghrajesh** requested review from **ephraimbuddy** and **uranusjr** [5 months ago](#)

 **sunank200** approved these changes [on Nov 25, 2025](#)

[View reviewed changes](#)



sunank200 left a comment

Collaborator

Overall good change

> `task-sdk/src/airflow/sdk/execution_time/secrets_masker.py`

 Show resolved

 **potiuk** approved these changes [on Nov 25, 2025](#)

[View reviewed changes](#)

amoghrajesh commented [on Nov 26, 2025](#)

Contributor

Author

I will try the fix for automatic backport on this PR: [#58705](#)



amoghrajesh merged commit **0afe6d3** into **apache:main** on Nov 26, 2025

85 checks passed

[View details](#)



github-actions (bot) pushed a commit that referenced this pull request on Nov 26, 2025

[v3-1-test] Mask secrets properly when using deprecated import path (#... [65f7af9](#))

github-actions (bot) commented on Nov 26, 2025

Contributor

Backport successfully created: v3-1-test

Status	Branch	Result
✓	v3-1-test	PR 58726



github-actions (bot) pushed a commit to aws-mwaa/upstream-to-airflow that referenced this pull request on Nov 26, 2025

[v3-1-test] Mask secrets properly when using deprecated import path (a... [380e04f](#))



potiuk pushed a commit that referenced this pull request on Nov 28, 2025

[v3-1-test] Mask secrets properly when using deprecated import path (#... [9c26db9](#))



ephraimbuddy pushed a commit that referenced this pull request on Dec 3, 2025

[v3-1-test] Mask secrets properly when using deprecated import path (#... [7d62cbf](#))



Copilot (AI) pushed a commit to jason810496/airflow that referenced this pull request on Dec 5, 2025

[v3-1-test] Mask secrets properly when using deprecated import path ([apache#58662](#)) [423749b](#)



itayweb pushed a commit to itayweb/airflow that referenced this pull request on Dec 6, 2025

[v3-1-test] Mask secrets properly when using deprecated import path ([apache#58662](#)) [8ecb8c4](#)



Subham-KRLX pushed a commit to Subham-KRLX/airflow that referenced this pull request on Mar 4



Mask secrets properly when using deprecated import path (apache#58662)

0532d69



nixpkgs-security-tracker (bot) mentioned this pull request yesterday

Apache Airflow: Secrets from Airflow config file logged in plain text in DAG run logs UI

NixOS/nixpkgs#509909



Sign up for free to join this conversation on GitHub. Already have an account? [Sign in to comment](#)

Reviewers

- potiuk ✓
- ashb 🛡️ ●
- kaxil 🛡️ ●
- uranusjr ●
- ephraimbuddy ●
- +1 more reviewer ^
- sunank200 ✓

Assignees

- amoghrajesh

Labels

- area:task-sdk

Projects

None yet

Milestone

Airflow 3.1.4

Development

Successfully merging this pull request may close these issues.

None yet

3 participants

