

apache / airflow Public

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AIP-84 : Add JWT token revocation for logout invalidation (#47952) #61339

Merged

vincbeck merged 19 commits into apache:main from

anishgirianish:feature/47952-aip-... on Feb 5

Conversation 25

Commits 19

Checks 128

Files changed 17



anishgirianish commented on Feb 1 • edited

Contributor

Summary

- Adds a `revoked_token` table to persist revoked JWT token JTIs on logout
- On logout, the token's `jti` is extracted and stored with its `exp` timestamp
- On every authenticated request, `get_user_from_token` checks if the `jti` has been revoked before allowing access
- Expired revoked tokens are automatically cleaned up via the existing `db_cleanup` mechanism

closes: #47952

👍 1

anishgirianish requested review from XD-DENG, ashb, bugraoz93, choo121600, ephraimbuddy, jason810496, pierrejeambrun, rawwar, shubhamraj-git and vincbeck as code owners 2 months ago

boring-cyborg bot added area:API area:db-migrations kind:documentation labels on Feb 1

anishgirianish marked this pull request as draft 2 months ago

 **anishgirianish** marked this pull request as ready for review 2 months ago

  **anishgirianish** mentioned this pull request on Feb 2

AIP-84 Token Invalidation #47952

 Closed

 1 task

 **jason810496** reviewed on Feb 2


View reviewed changes


 **jason810496** left a comment • edited ▾


Member


Nice! Thanks for the PR and it LGTM.
I think this PR is on the correct direction to resolve [#47952](#).


 1


> airflow-core/src/airflow/api_fastapi/auth/managers/base_auth_manager.py Outdated  Show resolved


> airflow-core/src/airflow/api_fastapi/auth/managers/base_auth_manager.py Outdated  Show resolved

> airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py Outdated  Show resolved

> airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py Outdated  Show resolved

> airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py Outdated  Show resolved

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> airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py Outdated  Show resolved

```
> airflow-core/tests/unit/api_fastapi/core_api/routes/public/test_auth.py
```

Show resolved

```
> airflow-core/tests/unit/api_fastapi/core_api/routes/public/test_auth.py
```

Outdated Show resolved

 **anishgiranish** force-pushed the `feature/47952-aip-token-invalidation-on-logout` branch 2 times, most recently from `0c84287` to `e7f823e` [2 months ago](#) Compare

 **vincbeck** reviewed [on Feb 2](#)

[View reviewed changes](#)

```
> airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py
```

Outdated Show resolved

 **jason810496** reviewed [on Feb 3](#)

[View reviewed changes](#)



jason810496 left a comment


Member

These added tests were already part of the existing TestLogout class.,

My bad, I overstated the the TestLogout class above.

Nice! Regarding the public method Vincent mentioned, the tests look good, and rest of the changes LGTM. Thanks!

 1

 **anishgiranish** force-pushed the `feature/47952-aip-token-invalidation-on-logout` branch from `e7f823e` to `3be8480` [2 months ago](#) Compare

potiuk commented [on Feb 3](#)

Member

Nice. Tests need to be fixed of course, and I think we should also add another thing - auto cleanup not only on `clean_db` but `run` (not always - just from time to time - we could store in memory last time when it was run and run it after an hour passes or so - when a token is checked.

That will slightly slow down some login attempts - but it will also auto-clean the db when `airflow db cleanup` is not run periodically. simply those expired tokens are not useful immediately after they expired.



vincbeck approved these changes [on Feb 3](#)

[View reviewed changes](#)



vincbeck left a comment

Contributor

Very good!



anishgirianish force-pushed the `feature/47952-aip-token-invalidation-on-logout` branch 2 times, most recently from `3b52ca2` to `0c51fff` [2 months ago](#) [Compare](#)

vector810496 reviewed [on Feb 4](#)

[View reviewed changes](#)



vector810496 left a comment

Member

Nice! Thanks for addressing the comments and fixing the tests.



> `airflow-core/src/airflow/models/revoked_token.py` Outdated [Show resolved](#)

> `airflow-core/src/airflow/models/revoked_token.py` Outdated [Show resolved](#)

anishgirianish added 3 commits [2 months ago](#)



Add JWT token revokation for logout invalidation ([apache#47952](#))

[70acb0d](#)

- [fix failing test](#) [0ed7d71](#)
- [fix faling test](#) [0bb07d2](#)

11 hidden items

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anishgirianish added 14 commits [2 months ago](#)

- [continue fixing test](#) [3a1c3cc](#)
- [made revocation sync](#) [d7f843d](#)
- [refactor](#) [061d752](#)
- [refactor the token checks](#) [3957052](#)
- [error handeling refactor](#) [97663f5](#)
- [rebased](#) [da0f6db](#)
- [remove isRevoked patch mock](#) [e7afc30](#)
- [Fix test_logout_revokes_token by using a dedicated test client without...](#) [1e8c039](#) ...
- [further refactor](#) [26a1e24](#)
- [fix test](#) [c4ad99c](#)
- [add periodic clean up for revoked token, add test and fix fialing test](#) [330d062](#)
- [retrigger CI](#) [0295ecb](#)
- [retrigger CI](#) [395fb5b](#)
- [refactor: use class attribute and config-based cleanup interval for r...](#) [5e0c33b](#) ... ✗

anishgirianish [force-pushed](#) the [feature/47952-aip-token-invalidation-on-logout](#) branch from [397534c](#) to [5e0c33b](#) [2 months ago](#) [Compare](#)

- [fix import](#) [73ab065](#) ✓

✔ **bugraoz93** approved these changes [on Feb 4](#)

[View reviewed changes](#)



bugraoz93 left a comment

Contributor

Nice, thanks [@anishgirianish!](#)



bugraoz93 commented [on Feb 4](#)

Contributor

I would like to call this PR for the `protm` if no one disagrees :)

#protm, which is solving a good problem for the token lifecycle. Additionally, it opens the door for great security improvement(s), such as a token invalidation endpoint for administrators in case of a token leak.



vincbeck commented [on Feb 4](#)

Contributor

I would like to call this PR for the `protm` if no one disagrees :)

#protm, which is solving a good problem for the token lifecycle. Additionally, it opens the door for great security improvement(s), such as a token invalidation endpoint for administrators in case of a token leak.

Agree!



anishgirianish requested a review from **vector810496** [2 months ago](#)

✔ **vector810496** approved these changes [on Feb 5](#)

[View reviewed changes](#)



vector810496 left a comment

Member

I would like to call this PR for the protm if no one disagrees :)

+1 for that!



vincbeck merged commit **b3306f1** into `apache:main` on Feb 5

129 checks passed

[View details](#)



pierrejeambrun reviewed [on Feb 5](#)

[View reviewed changes](#)



pierrejeambrun left a comment

Member

Great one!



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



AIP-84 : Add JWT token revokation for logout invalidation ([apache#47952...](#)) [a5709b0](#)



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



AIP-84 : Add JWT token revokation for logout invalidation ([apache#47952...](#)) [30cd3ca](#)



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



AIP-84 : Add JWT token revokation for logout invalidation ([apache#47952...](#)) [9e5a565](#)



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



AIP-84 : Add JWT token revokation for logout invalidation ([apache#47952...](#)) [4fcd994](#)



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



AIP-84 : Add JWT token revokation for logout invalidation ([apache#47952...](#)) [92871c2](#)

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



 [AIP-84 : Add JWT token revokation for logout invalidation \(apache#47952...](#)  [a8ed57a](#)

 **radhwene** pushed a commit to radhwene/airflow that referenced this pull request [last month](#)

 [AIP-84 : Add JWT token revokation for logout invalidation \(apache#47952...](#)  [07e14f6](#)

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Reviewers

-  **pierrejeambrun** 
-  **bugraoz93** 
-  **jason810496** 
-  **vincbeck** 
-  **ephraimbuddy**  
-  **rawwar**  
-  **shubhamraj-git**  
-  **choo121600**  
-  **XD-DENG**  
-  **ashb**  

Assignees

No one assigned

Labels

- area:API
- area:db-migrations
- kind:documentation

Projects

None yet

Milestone

No milestone

Development

Successfully merging this pull request may close these issues.

 **AIP-84 Token Invalidation**

6 participants

