

apache / airflow Public[Code](#) [Issues](#) 1.2k [Pull requests](#) 483 [Discussions](#) [Actions](#) [Projects](#)

# 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](#) • editedContributor

## 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- On every authenticated request, `get_user_from_token` checks if the `jti` has been revoked before allowing access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Outdated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Outdated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Outdated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Outdated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Outdated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

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Outdated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Outdated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/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



**anishgirianish** 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



**anishgirianish** 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-air-token-invalidation-on-logout` branch 2 times, most recently from `3b52ca2` to `0c51fff` [2 months ago](#)

[Compare](#)



**jason810496** reviewed [on Feb 4](#)

[View reviewed changes](#)



**jason810496** 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](#)

9 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](#)



**jason810496** approved these changes [on Feb 5](#)

[View reviewed changes](#)



**jason810496** 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 [last month](#)



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



**radhwene** pushed a commit to radhwene/airflow that referenced this pull request [3 weeks ago](#)





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

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**Projects**

None yet

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**Milestone**

No milestone

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**Development**

Successfully merging this pull request may close these issues.

AIP-84 Token Invalidation

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**6 participants**

