

apache / airflow Public[Code](#) [Issues](#) 1.2k [Pull requests](#) 459 [Discussions](#) [Actions](#) [Projects](#)

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

Merged[vincbeck](#) merged 19 commits into [apache:main](#) from[anishgirianish:feature/47952-aip-...](#) on Feb 5[Conversation](#)[Commits](#) 19[Checks](#)[Files changed](#)[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- On every authenticated request, `get_user_from_token` checks if the `jti` has been revoked before allowing access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- `airflow-core/src/airflow/api_fastapi/auth/managers/base_auth_manager.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/auth/managers/base_auth_manager.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py` Outdated  Show resolved
- `airflow-core/src/airflow/api_fastapi/core_api/routes/public/auth.py` Outdated  Show resolved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](#)

**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](#)

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

`70acb0d`


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

6 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 [last month](#)



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

**Projects**

None yet

**Milestone**

No milestone

**Development**

Successfully merging this pull request may close these issues.

- AIP-84 Token Invalidation

**6 participants**

