

git_comments:

1. task already deleted from DAG, skip it
2. Create an SlaMiss where notification was sent, but email was not

git_commits:

1. **summary:** [AIRFLOW-6576] Fix scheduler crash caused by deleted task with sla misses (#7187)
message: [AIRFLOW-6576] Fix scheduler crash caused by deleted task with sla misses (#7187) When a task with SLA is deleted from a DAG after the SLA miss is logged but before the notification was sent, scheduler will crash with an AirflowException

github_issues:**github_issues_comments:****github_pulls:**

1. **title:** [AIRFLOW-6576] fix scheduler crash caused by deleted task with sla misses
body: --- Issue link: [AIRFLOW-6576](https://issues.apache.org/jira/browse/AIRFLOW-6576) Make sure to mark the boxes below before creating PR: [x] - [x] Description above provides context of the change - [x] Commit message/PR title starts with `[AIRFLOW-NNNN]`. AIRFLOW-NNNN = JIRA ID^{*} - [x] Unit tests coverage for changes (not needed for documentation changes) - [x] Commits follow "[How to write a good git commit message](http://chris.beams.io/posts/git-commit/)" - [x] Relevant documentation is updated including usage instructions. - [x] I will engage committers as explained in [Contribution Workflow Example] (https://github.com/apache/airflow/blob/master/CONTRIBUTING.rst#contribution-workflow-example). ^{*} For document-only changes commit message can start with `[AIRFLOW-XXXX]`. --- In case of fundamental code change, Airflow Improvement Proposal ([AIP] (https://cwiki.apache.org/confluence/display/AIRFLOW/Airflow+Improvements+Proposals)) is needed. In case of a new dependency, check compliance with the [ASF 3rd Party License Policy] (https://www.apache.org/legal/resolved.html#category-x). In case of backwards incompatible changes please leave a note in [UPDATING.md](https://github.com/apache/airflow/blob/master/UPDATING.md). Read the [Pull Request Guidelines] (https://github.com/apache/airflow/blob/master/CONTRIBUTING.rst#pull-request-guidelines) for more information.

github_pulls_comments:

1. # [Codecov](https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=h1) Report > Merging [#7187] (https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=desc) into [master] (https://codecov.io/gh/apache/airflow/commit/59c8a826b8d5d365db68e800cea3de59256530c9?src=pr&el=desc) will ****increase**** coverage by `0.18%`. > The diff coverage is `100%`. [![Impacted file tree graph](https://codecov.io/gh/apache/airflow/pull/7187/graphs/tree.svg?width=650&token=WdLKLKHOUA&height=150&src=pr)] (https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=tree) ``diff @@ Coverage Diff @@ ## master #7187 +/- ## ===== + Coverage 84.91% 85.09% +0.18% ===== Files 723 723 Lines 39546 39555 +9 ===== + Hits 33581 33660 +79 + Misses 5965 5895 -70 `` | [Impacted Files](https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=tree) | Coverage Δ | |---|---|---| | [airflow/jobs/scheduler_job.py] (https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9qb2JzL3NjaGVkdWxlcld9qb2IucHk=) | `89.45% <100%> (+0.69%)` | :arrow_up: | | [airflow/kubernetes/volume_mount.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9rdWJlcm5ldGVzL3ZvbHVtZV9tb3VudC5weQ==) | `44.44% <0%> (-55.56%)` | :arrow_down: | | [airflow/kubernetes/volume.py] (https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9rdWJlcm5ldGVzL3ZvbHVtZS5weQ==) | `52.94% <0%> (-47.06%)` | :arrow_down: | |

[airflow/kubernetes/pod_launcher.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9rdWJlcm5ldGVzL3BvZF9sYXVhbnR5Y2hlci5weQ==) | `45.25% <0%> (-46.72%)` | :arrow_down: | [airflow/kubernetes/refresh_config.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9rdWJlcm5ldGVzL3JlZnJlc2hfY29uZmlnLnB5) | `50.98% <0%> (-23.53%)` | :arrow_down: | [...rflow/contrib/operators/kubernetes_pod_operator.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9jb250cmliL29wZXJhdG9ycy9rdWJlcm5ldGVzX3BvZF9vcGVyYXRvci5weQ==) | `76.47% <0%> (-22.33%)` | :arrow_down: | [airflow/models/connection.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9tb2RlbHMvY29ubmVjdGlvi5weQ==) | `68.78% <0%> (+0.97%)` | :arrow_up: | [airflow/jobs/backfill_job.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9qb2JzL2JhY2tmaWxsX2pvYi5weQ==) | `91.88% <0%> (+1.44%)` | :arrow_up: | [airflow/providers/apache/hive/hooks/hive.py](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree#diff-YWlyZmxvdY9wcm92aWRlcnMvYXBhY2hlL2hpdmUvaG9va3MvaGl2ZS5weQ==) | `77.55% <0%> (+1.53%)` | :arrow_up: | ... and [9 more](https://codecov.io/gh/apache/airflow/pull/7187/diff?src=pr&el=tree-more) | ----- [Continue to review full report at Codecov](https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=continue). > **Legend** - [Click here to learn more](https://docs.codecov.io/docs/codecov-delta) > `Δ` = absolute <relative> (impact), `∅` = not affected, `?` = missing data > Powered by [Codecov](https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=footer). Last update [59c8a82...23dc8c1](https://codecov.io/gh/apache/airflow/pull/7187?src=pr&el=lastupdated). Read the [comment docs](https://docs.codecov.io/docs/pull-request-comments).

2. @potiuk added logging, ready for review again.

github_pulls_reviews:

1. We need to write a warning here. It's really dangerous to swallow exceptions silently and it makes it easier to debug any kind of problems you might see in production.
2. I was going to suggest maybe catching a more specific exception subclass (like `AirflowNotFoundException`, `TaskNotFound`, or `TaskInstanceNotFound` as appropriate), but it looks like we really do just throw `AirflowException` in the method:
<https://github.com/apache/airflow/blob/master/airflow/models/dag.py#L1214>. Changing the exception that `get_task` method raises might be out of scope for this PR and have other unanticipated consequences, but it's something to think about...
3. Yeah, that's the first thing came to my mind, I expected that method to throw a more specific exception. I think we should have a clean up PR to change that method's behavior. Ideally, i think it should just return None if the task is not found just like a dictionary. Then the caller can explicitly check for the return and handle the edge-case. This way, we won't run into issues like this going forward.

jira_issues:

jira_issues_comments: