

Cancel copy, move operation

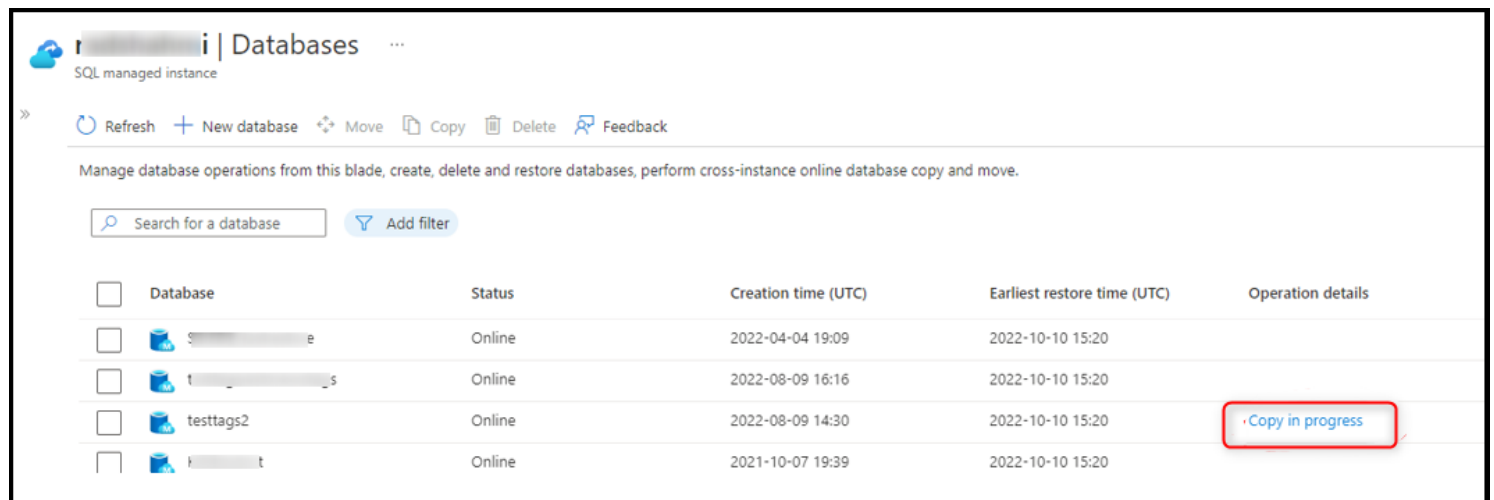
Last updated by | Radhika Shah | Jan 24, 2023 at 7:47 PM PST

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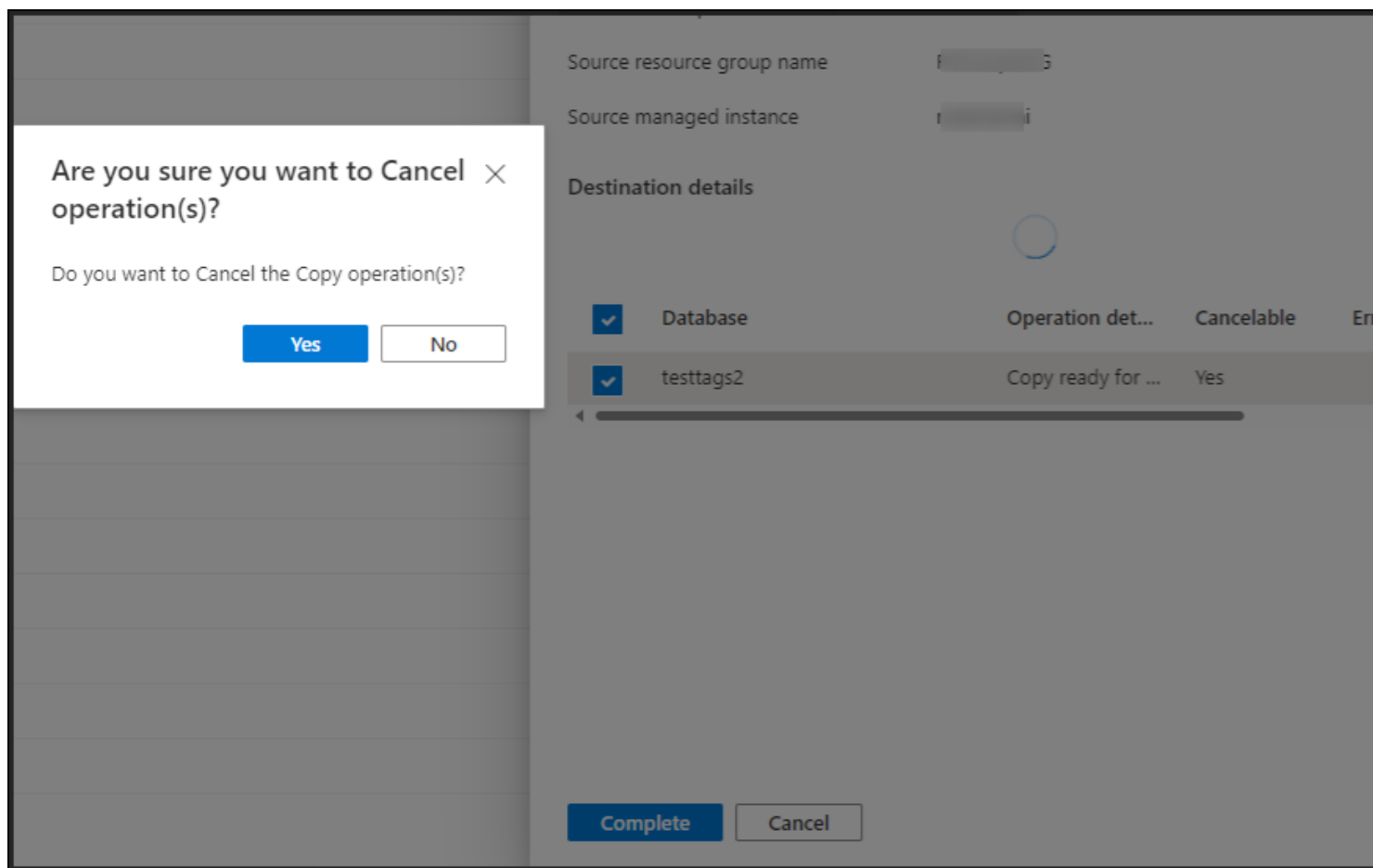
Issue

Customers can cancel the DB copy/move operation via portal from the **source managed instance** --> Databases --> click the status under 'Operation details'



The screenshot shows the Azure portal interface for a SQL managed instance. The 'Databases' blade is active, displaying a table of databases. The table has columns for Database, Status, Creation time (UTC), Earliest restore time (UTC), and Operation details. One database, 'testtags2', has a status of 'Online' and a 'Copy in progress' operation, which is highlighted with a red box.

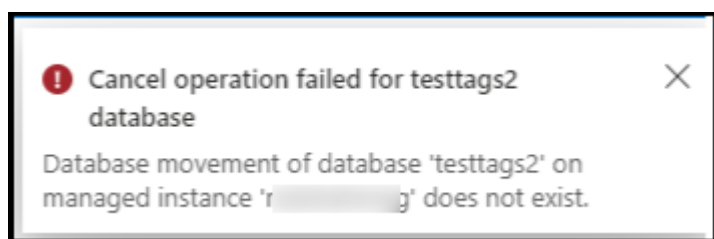
Database	Status	Creation time (UTC)	Earliest restore time (UTC)	Operation details
[icon] [redacted] e	Online	2022-04-04 19:09	2022-10-10 15:20	
[icon] [redacted] s	Online	2022-08-09 16:16	2022-10-10 15:20	
[icon] testtags2	Online	2022-08-09 14:30	2022-10-10 15:20	Copy in progress
[icon] [redacted] t	Online	2021-10-07 19:39	2022-10-10 15:20	



When they cancel, they get an error message:

```
Cancel operation failed for 'abc' database
```

```
Database movement of database 'abc' on managed instance 'xyz' does not exist.
```



Investigation/Analysis

Check under ASC Troubleshooter --> Provisioning --> Operations (for both source and target Managed Instance).

Looks for operation_type 'StartCrossManagedInstanceDatabaseMovement' for copy/move related operations and other CRUD operations (such as DropManagedDatabase after the start of copy/move and before completion of the copy/move operation).

In this scenario, the issue occurs when the customer starts the copy/move operation --> the copy/move operation is marked as 'ready for completion' --> customer initiates a 'Drop database' operation on **target** managed instance.

Since the target database has been dropped **before** the copy/move operation completed, this renders the copy/move link in an inconsistent state and hence the cancel fails.

Mitigation/Workaround

To avoid such scenarios, customers are encouraged to complete the copy/move operation before altering the target database.

Unfortunately, there is no mitigation. Once the link is broken, the operation is no longer accessible, and the customer can no longer cancel the operation from their end. The customer will have to wait for the operation to rollback automatically after 24 hours (from the time it was moved to *ready for completion* status). Once the rollback for the broken link operation is completed, customer can then initiate the next copy/move operation on the **same** database on source managed instance.

Note: Customers can still initiate another copy/move operation on a **different** database on the source managed instance. The copy/move is only blocked for the original database on source managed instance that was impacted by the broken link.

How good have you found this content?

