# Enabling Ledger in West US with Azure Storage fails to associate Ledger with Storage account

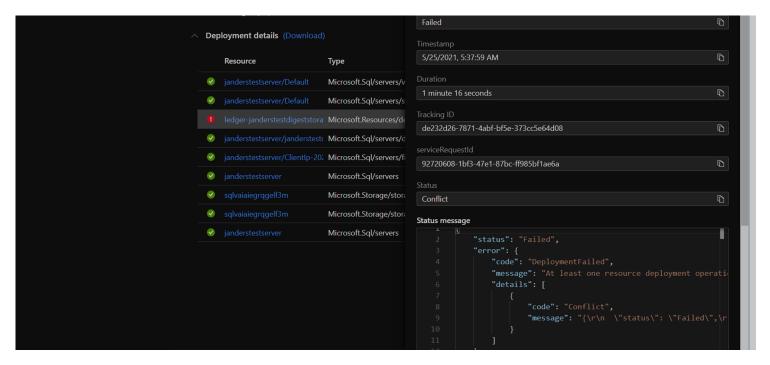Last updated by | Vitor Tomaz | Jun 8, 2022 at 5:35 AM PDT

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## Known Issue with Azure Storage during configuration

We have discovered an issue with Azure Storage with SQL Ledger This issue results in the failure to configure a new Azure Storage with Azure SQL Database Ledger.

This problem was not happening in Canary, but when tried in West US Central, it surfaced. This will happen for any customer that tries the service.

## Behavior:

When enabling ledger during the create experience, and configuring Azure Storage, provisioning will fail on the storage account. The storage account is successfully created, however it's not associated with Ledger. The provisioning error is as follows:

When the user goes into the Ledger section in Security after provisioning, they will see no storage account configured. However, they can select the storage account from the drop-down, save settings and it will work.

## Root Cause:

When we grant permissions for the SQL identity to the Storage account, these take longer to propagate and our API call is failing to contact storage.

## Mitigation:

Engineers are requested to use the below messaging to the customer. Please cc [sojaga@microsoft.com](mailto:sojaga@microsoft.com) , [pookam@microsoft.com](mailto:pookam@microsoft.com) [janders@microsoft.com](mailto:janders@microsoft.com) & [panant@microsoft.com](mailto:panant@microsoft.com) in your case

"*There is a timing issue in the sequence of provisioning the Azure Storage Account and it's associated Role Assignment needed to communicate with the ledger feature. We are rolling out a fix to adjust this timing in the coming days. In the meantime, after the failure if you try to select the Azure Storage account that was created, it will successfully connect to the Azure SQL Database*"

# Additional info <CSS internal>

As an immediate mitigation, PG is **deploying a portal hotfix** in the next hours to change the default digest storage to be Azure Confidential Ledger instead of Azure Storage.
This will hopefully result in less customers experience this issue by selecting the defaults when trying Ledger. That said, customers can still pick Azure Storage and see the failure, so if customers try to provision new Azure Storage Accounts in an existing ledger configured database, they will see this error.

We will be rolling a **Control plane fix** in the coming days to retry for longer in our API to ensure permissions are propagated, which we hope will resolve this issue in the short-term.

We will update this page with more details.

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