Unable to create Linked Service - Error "The document creation or update failed because of invalid reference"

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Issue

User trying to create a linked service with keyvault reference, failing with the following error:

The document creation or update failed because of invalid reference '<azurekeyvault>'. This linked service you are trying to create contains secrets and has to be published immediately, but the referenced entity above has to published first.

Test connection is successful.

Cause

In Git mode, Linked Service that are not associated with Azure Key Vault are published immediately. AKV Linked Service is never published immediately.

Customer created the AKV Linked Service and never published, then, it tried to create the SQL Linked Service. But, the SQL LS gets the password from AKV and needs to be published immediately.

So the AKV LS is created but not published and the SQL LS will be published immediately upon creation, but in order to do that, AKV must be published first. That's why the error.

Please advise to publish first all the changes (including the AKV LS) and then try to create the SQL LS again.

Resolution

Customer has to publish the Azure Key Vault Linked Service first before referencing it in other Linked Service.

Additional Information:

- **Icm References:** Icm Link ⧉
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

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