The document creation or update failed because of invalid reference

Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

Customer is trying to publish changes to his Data Factory, and getting following error message:

```
"error": {
        "code": "BadRequest",
        "The docum"
              "message": "The document creation or update failed because of invalid reference '<entitys'.",
"target": "/subscriptions/xxxxxxxx-xxxx-xxxx-xxxx-xxxx/resourceGroups/<rgname>/providers/Microsoft.DataFactory/factories/<datafactory>/pipelin
"details": null
```

Investigation

You can query the following Kusto table to check the error in the backend:

```
cluster('Armprod').database("ARMProd").DeploymentOperations
 where TIMESTAMP > ago(15d)
 where subscriptionId == "<subscriptionId>"
where resourceName has "<dataFactoryName>" //Data Factory Name
 project TIMESTAMP, Deployment, deploymentName, executionStatus, resourceType, resourceName, durationInMilliseconds, resourceGroupName, resourceGroupLocation
```

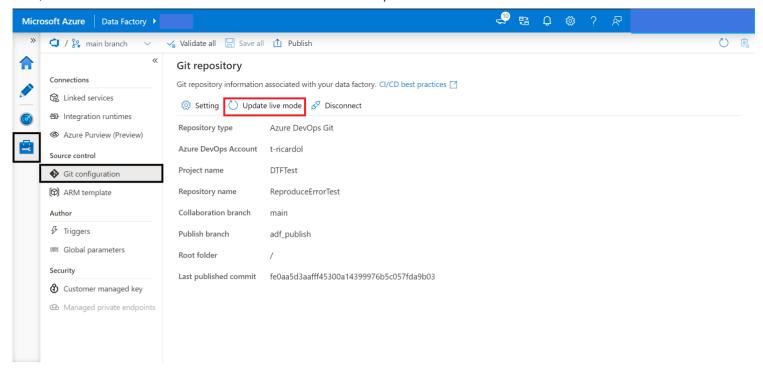
Symptom

The customer had detached the Git configuration and set it up again with the "Import resources" flag selected, which sets the Data Factory as "in sync" which means no changes to publish.

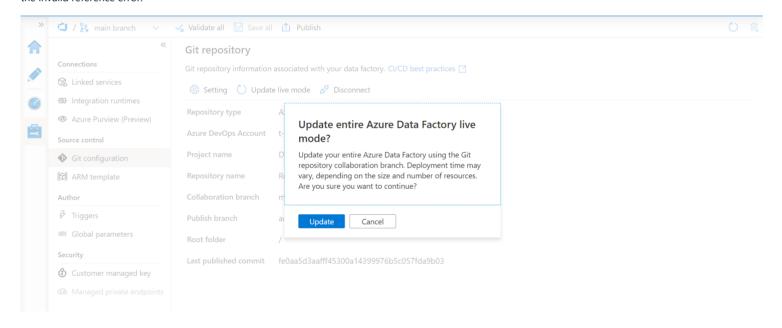
Resolution

Our PG team has recently deployed a feature to fix "Out of Sync" errors. Follow the below steps:

Navigate to the "Manage" tab in the left navbar. Under "Source Control", click on the "Git Configuration" tab. Then on the options bar click on the "Update live mode" button. This button will pop up a warning message that you must confirm. Once confirmed, your git repository will be completely pushed up into your Data Factory live mode. This will override any changes in your live mode and correct the invalid reference error.



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Additional Information:

• Icm References: Icm Link

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