

# 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",
  "message": "The document creation or update failed because of invalid reference '<entity>'.",
  "target": "/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/<rgrname>/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.

Microsoft Azure | Data Factory

main branch | Validate all | Save all | Publish

**Git repository**

Git repository information associated with your data factory. [CI/CD best practices](#)

Setting **Update live mode** Disconnect

Repository type	Azure DevOps Git
Azure DevOps Account	t-ricardol
Project name	DTFTTest
Repository name	ReproduceErrorTest
Collaboration branch	main
Publish branch	adf_publish
Root folder	/
Last published commit	fe0aa5d3aaff45300a14399976b5c057fda9b03

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main branch | Validate all | Save all | Publish

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Git repository information associated with your data factory. [CI/CD best practices](#)

Setting Update live mode Disconnect

**Update entire Azure Data Factory live mode?**

Update your entire Azure Data Factory using the Git repository collaboration branch. Deployment time may vary, depending on the size and number of resources. Are you sure you want to continue?

Update Cancel

Repository type	A
Azure DevOps Account	t-
Project name	D
Repository name	R
Collaboration branch	m
Publish branch	ac
Root folder	/
Last published commit	fe0aa5d3aaff45300a14399976b5c057fda9b03

#### Additional Information:

- Icm References: [Icm Link](#)

#### How good have you found this content?

