

Unable to publish changes in ADF - The Data Factory does not contain a managed identity

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

Contents

- [Issue](#)
- [Cause](#)
- [Resolution](#)

Issue

Issue (Publishing error):

The Data Factory does not contain a managed identity, this could be caused by moving resources across tenants. Please refer to [Generate managed identity](#) to create one.

Error code: OK Inner error code: InvalidResourceIdentityPrincipalId Message: The principalId '66271098-5081-xxxx-xxxx-ae9861343f6' must be null or empty in the identity type of 'SystemAssigned'.


Cause

There was a publish behavior change in Live mode that was introduced between 8/6 and 8/14. After that, we made an optimization to only have that new behavior when global parameters are added/edited/deleted.


If the customer adds/edit/delete global parameters, they may hit that issue because they do not have MSI.

Resolution

Customer should refer this doc and generate the MSI to avoid this error in future:

<https://docs.microsoft.com/en-us/azure/data-factory/data-factory-service-identity#generate-managed-identity-using-powershell> 

Additional Information:

- **Icm References:** [Icm Link](#) 
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

How good have you found this content?

