


The template parameters in the parameters file are not valid

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Scenario

Customer has setup an Azure Pipeline for Deploying Data Factories from Dev to Test and Production. However, they want to have separate set of Triggers on Dev, Test and Prod as Production environment has to be refreshed more frequently than Dev and Test. They can disable trigger in Dev and Test but that's not they want in real scenario. So, customer parameterize the interval time (and keep the frequency, i.e., minute, hour, etc...) in the ARM template using [custom parameterization](#) 

If he delete a trigger in Dev branch which is already available in Test or Production DF with same configuration (like frequency and interval), then Release pipeline deployment succeeds and corresponding trigger will be deleted in respective environments. But if he has different configuration (like frequency and interval) for Trigger in Test/Production environments and if he deletes the same trigger in Dev, then deployment fails with an error.

Issue

CI/CD Pipeline failing with the following error:

2020-07-20T11:19:02.1276769Z ##[error]Deployment template validation failed: '**The template parameters 'Trigger_XXXX_properties_typeProperties_recurrence_frequency, Trigger_XXXX_properties_typeProperties_recurrence_interval, Trigger_XXXX_properties_typeProperties_recurrence_startTime, Trigger_XXXX_properties_typeProperties_recurrence_timeZone' in the parameters file are not valid; they are not present in the original template and can therefore not be provided at deployment time.**' The only supported parameters for this template are 'factoryName, PlanonDWH_connectionString, PlanonKeyVault_properties_typeProperties_baseUrl, XXXX_properties_typeProperties_environmentUrl, XXXX_properties_typeProperties_username, Load_XXXX_to_SVS_properties_typeProperties_recurrence_frequency, Load_XXXX_to_SVS_properties_typeProperties_recurrence_interval, Load_XXXX_to_SVS_properties_typeProperties_recurrence_startTime, Load_XXXX_to_SVS_properties_typeProperties_recurrence_timeZone'. Please see <https://aka.ms/arm-deploy/#parameter-file>  for usage details.'. 2020-07-20T11:19:02.1281489Z ##[error]Check out the troubleshooting guide to see if your issue is addressed: <https://docs.microsoft.com/en-us/azure/devops/pipelines/tasks/deploy/azure-resource-group-deployment?view=azure->

[devops#troubleshooting](#) 2020-07-20T11:19:02.1283543Z ##[error]Task failed while creating or updating the template deployment.

Note: The trigger name is same in all the environment.

Resolution

The customer is getting that error message because they deleted a trigger which is parameterized, therefore, the parameters will not be available in the ARM template (because the trigger does not exist anymore).

Since the parameter is not in the ARM template anymore, the customer has to update the overridden parameters in the DevOps pipeline, otherwise, they will hit the error that you are describing.

In summary, each time the parameters in the ARM template changed, they must update the overridden parameters in the DevOps pipeline (in the deployment task).

Additional Information:

- **Icm References:** <https://icm.ad.msft.net/imp/v3/incidents/details/197611620/home>
- **Author:** ankelkar, vimals
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