Could not load resource

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Issue

When customer try to deploy delete activity with SDK or Azure Powershell, the activity type is changed from "Delete" to "Activity" while related json payload is changed too, at the same time, the customer will meet error with "Cloud not load resource".

Root Cause

The customer is using old version SDK that does not contains the delete activity feature, so up error is occurred.

Mitigation

Ask customer to upgrade the SDK to newest version, then he can do as following steps to build and run the delete activity.

- Uninstall AzureRm if it had been installed on customer's machine. In Azure Data Factory V2, we have changed to use "Az", for details, you can reference this public doc: https://docs.microsoft.com/en-us/powershell/azure/migrate-from-azurerm-to-az?view=azps-2.3.2 ↗

  ```
  PS C:\WINDOWS\system32> Uninstall-AzureRm
  ```

- Check the PowerShell version with command "$PSVersionTable.PSVersion" and make sure it is great than "5.1", for details, you can reference this public doc: https://docs.microsoft.com/en-us/powershell/azure/install-az-ps?view=azps-2.3.2 ↗

  ```
  PS C:\WINDOWS\system32> $PSVersionTable.PSVersion

  Major  Minor  Build  Revision
  -----  -----  -----  --------
  5      1      17763  316
  ```

- Check the Az version and uninstall the old one, most of time you can uninstall the old one through control panel.

```
PS C:\WINDOWS\system32> Get-InstalledModule -Name Az -AllVersions

Version    Name                      Repository             Description
-------    ----                      ----------             -----------
1.5.0      Az                        PSGallery              Microsoft Azure PowerShell - Cmdlets to manage r...
2.1.0      Az                        PSGallery              Microsoft Azure PowerShell - Cmdlets to manage r...
```

- Install newest Az with following command, now the newest version is "2.4.0"

```
Installing package 'Az'
  Installing dependent package 'Az.RecoveryServices'
  [ooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooooo                    ]
Installing package 'Az.RecoveryServices'

  [                                                                                               ]

PS C:\WINDOWS\system32> ^C
PS C:\WINDOWS\system32> Uninstall-AzureRm
PS C:\WINDOWS\system32> Install-Module -Name Az -AllowClobber

Untrusted repository
You are installing the modules from an untrusted repository. If you trust this repository, change its InstallationPolicy value by runnin
the Set-PSRepository cmdlet. Are you sure you want to install the modules from 'PSGallery'?
[Y] Yes  [A] Yes to All  [N] No  [L] No to All  [S] Suspend  [?] Help (default is "N"): Y
```

- Connect-AzAccount

- Select-AzSubscription -SubscriptionId "xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx"

- Set-AzDataFactoryV2LinkedService -DataFactoryName zhanyu-throttling-demo -ResourceGroupName ADFV2 -Name "AzureStorageLinkedService0531" -File D:\DeleteActivityBugBash\TestDataSource\AzureBlobLinkedService.json

- Set-AzDataFactoryV2Dataset -DataFactoryName zhanyu-throttling-demo -ResourceGroupName ADFV2 -Name "AzureStorageDataset0531" -File D:\DeleteActivityBugBash\TestDataSource\Dataset.json

- Set-AzDataFactoryV2Pipeline -DataFactoryName zhanyu-throttling-demo -ResourceGroupName ADFV2 -Name "DeletePipeline0531" -File D:\DeleteActivityBugBash\TestDataSource\Delete.json

- Invoke-AzDataFactoryV2Pipeline -DataFactoryName zhanyu-throttling-demo -ResourceGroupName ADFV2 -PipelineName "DeletePipeline0531"

- Get-AzDataFactoryV2PipelineRun -DataFactoryName zhanyu-throttling-demo -ResourceGroupName ADFV2 -PipelineRunId <runId>

Additional Information:

- **Icm References:**
- **Author:** zhanyu
- **Reviewer:** charles; chargu; vimals
- **Micro-service:** Transfer Web, Self-hosted IR, Azure IR, Task Management Service
- **Keywords:**

How good have you found this content?