[Azure Blob Storage]Account Kind can't be set by using Powershell

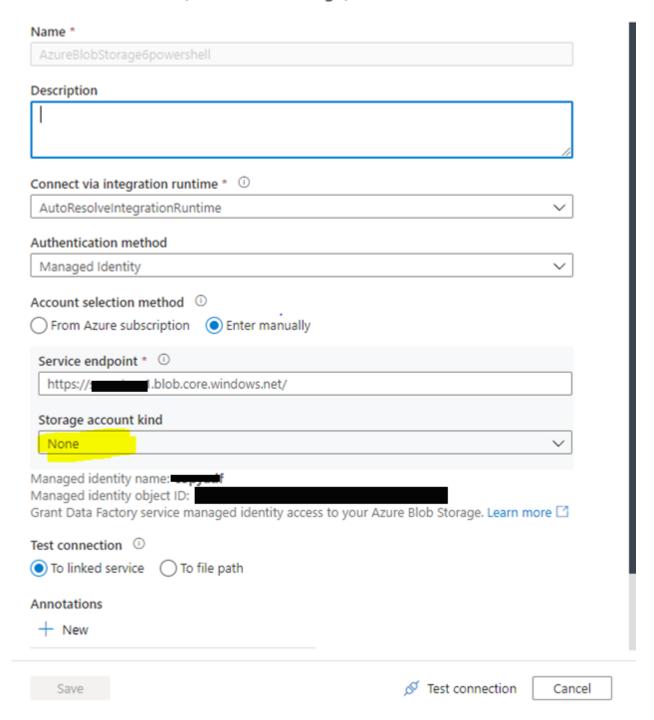Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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Issue

When customer uses Powershell to create Blob storage linked service, Blob Storage account kind will not be set.

```
Set-AzDataFactoryV2LinkedService -DataFactoryName copyadf -ResourceGroupName sanarg -Name
"AzureBlobStorage6powershell" -DefinitionFile "C:\Users\saabdelr\Desktop\jaber\file.json"
```

Edit linked service (Azure Blob Storage)

Name *

```
AzureBlobStorage6powershell
```

Description

```
|
```

Connect via integration runtime * ⓘ

```
AutoResolveIntegrationRuntime                                    ⌄
```

Authentication method

```
Managed Identity                                                ⌄
```

Account selection method ⓘ

◯ From Azure subscription   ⦿ Enter manually

Service endpoint * ⓘ

```
https://▮▮▮▮▮▮▮.blob.core.windows.net/
```

Storage account kind

```
None                                                            ⌄
```

Managed identity name:▮▮▮▮▮▮
Managed identity object ID: ▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮▮
Grant Data Factory service managed identity access to your Azure Blob Storage. Learn more ⧉

Test connection ⓘ
⦿ To linked service   ◯ To file path

Annotations

╋ New

```
    Save                                🔌 Test connection      Cancel
```

Root Cause

New change (add storage account kind) in app mode is not updated in swagger.

Resolution

To use generic sdk to work around, you can refer to New-AzResource ⧉

Step1:

```
$prop=@{
    ResourceName="{Input your DataFactoryName}/{Input your AzureBlobStorage name}"
    ResourceType      = "Microsoft.DataFactory/factories/linkedservices"
    ResourceGroupName = "{input your resource group name}"
    Force             = $true
    Location="{input your location: such as eastus2euap}"
    Properties= @{
        type= "AzureBlobStorage"
        typeProperties=@{
            serviceEndpoint= "https://{your account}.blob.core.windows.net/"
            accountKind="{your account kind}"
        }
    }
}
```

example:

```
$prop=@{
    ResourceName="zzytestDF/AzureBlobStorage1205"
    ResourceType      = "Microsoft.DataFactory/factories/linkedservices"
    ResourceGroupName = "zzygroupV2"
    Force             = $true
    Location="eastus2euap"
    Properties= @{
        type= "AzureBlobStorage"
        typeProperties=@{
            serviceEndpoint= "https://myaccount.blob.core.windows.net/"
            accountKind="BlockBlobStorage"
        }
    }
}
```

Step2.

```
New-AzResource @prop
```

Additional Information:

- Icm Reference: https://portal.microsofticm.com/imp/v3/incidents/details/216691102/home
- Author: Zhuoyang Zhang
- Reviewer: Zhuoyang Zhang
- Keywords:Blob Storage; Accound Kind; Powershell

How good have you found this content?