

# Cannot create Shared Access Signature unless Account Key credentials are used

Last updated by | Ranjith Katukojwala | Mar 7, 2023 at 11:35 AM PST

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## Issue

Custom Activity failing with the following error:

```
<LogProperties> <Text>Upload input files to staging storage failed with exception
Exception:'Type=System.InvalidOperationException,Message=Cannot create Shared Access Signature unless
Account Key credentials are used.,Source=Microsoft.WindowsAzure.Storage,StackTrace= at
Microsoft.WindowsAzure.Storage.Blob.CloudBlob.GetSharedAccessSignature(SharedAccessBlobPolicy policy,
SharedAccessBlobHeaders headers, String groupPolicyIdentifier, Nullable 1 protocols, IPAddressOrRange
ipAddressOrRange) at Microsoft.DataTransfer.Execution.BatchTaskHelper.ToResourceFile(CloudBlockBlob blockBlob,
TimeSpan retentionTime) at System.Linq.Enumerable.WhereSelectListIterator 2.MoveNext() at
System.Collections.Generic.List 1..ctor(IEnumerable 1 collection) at System.Linq.Enumerable.ToList[TSource]
(IEnumerable 1 source) at Microsoft.DataTransfer.Execution.BatchTaskHelper.
<UploadInputFilesAsync>d__22.MoveNext() --- End of stack trace from previous location where exception was
thrown --- at System.Runtime.ExceptionServices.ExceptionDispatchInfo.Throw() at
System.Runtime.CompilerServices.TaskAwaiter.HandleNonSuccessAndDebuggerNotification(Task task) at
Microsoft.DataTransfer.Execution.BatchTaskHelper.<SubmitTaskAsync>d__7.MoveNext(),'/Text>
<FunctionName> </FunctionName> <FunctionParameter> </FunctionParameter> </LogProperties>
```

## Resolution

1. Custom activities only support storage accounts that use an access key. Customer was using MI authentication to connect to the storage in his code, which is not supported.
2. Another cause of this error could be, if the Azure Blob Storage is behind a VNet, customer will have to use Self-hosted IR which is configured on the Virtual machine within that VNET, to allow Custom Activity to connect to the storage account.

## Additional Information:

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

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