

Managed VNet IR with public access for storage due to network issues

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Issue description:

Customer pipelines were randomly failing with error:

```
<LogProperties> <Text>Invoke callback url with req:
"ErrorCode=UserErrorFailedToCreateAzureBlobContainer,"Type=Microsoft.DataTransfer.Common.Shared.HybridDeliveryException,Message=Unable to create
Azure Blob container. Endpoint: XXXXXXXX/, Container Name:
test.,Source=Microsoft.DataTransfer.ClientLibrary,"Type=Microsoft.WindowsAzure.Storage.StorageException,Message=Unable to connect to the remote
server,Source=Microsoft.WindowsAzure.Storage,"Type=System.Net.WebException,Message=Unable to connect to the remote
server,Source=System,"Type=System.Net.Sockets.SocketException,Message=A connection attempt failed because the connected party did not properly
respond after a period of time, or established connection failed because connected host has failed to respond public ip:443,Source=System,"","Details":null}}
</Text> </LogProperties>
```

Storage Sink was using Azure IR (public, not Managed VNet) and source was using the Managed VNet IR or if you are leverage Managed VNet IR only for copy with storage public access.

Root cause analysis:

The public endpoint to Storage in Managed VNet is not reliable based on the testing result, Networking team is fixing this, for more details, please consult with ContainerNetworking team.

Temp Solution:

Having private endpoint enabled on source and also sink side when leverage the Managed VNet IR.

Additional temp solution:

If customer still want to leverage the public endpoint, they can switch to public IR only instead of Managed VNet IR for source and sink.

How good have you found this content?

