

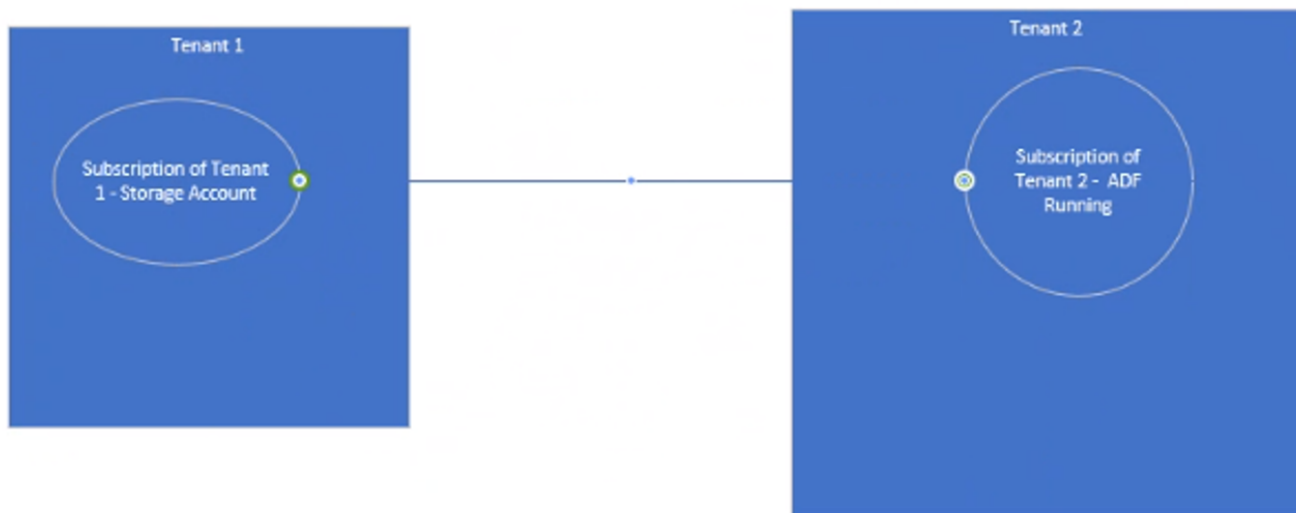
[Blob]When Cx wants to connect Blob Storage with the Selected network in another Tenancy

Last updated by | Veena Pachauri | Mar 8, 2023 at 11:10 PM PST

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Example



You will see 403 related error there when test connection from link service.



Suggestion

1. If the service principal is in Tenant A in your scenario cross tenant should work.
2. Azure IR and storage should be in the same region.
3. Service principal and storage should be in the same tenant
4. Static IP does not work for storage if storage and compute in same region
5. You will need to create IR in different region so internal IP will not be used
6. Another thing is with the Service principal "Allow trusted service" does not work.
7. Because Trusted Service can only be used with the Managed Identity but Managed Identity does not support in cross tenant.

Therefore here is the work around:

You will need to create an AIR in a different region, then make storage linked service uses the specified Azure Integration Runtime, in this way, ADF copy activity will not auto resolve the region, but uses the your Azure Integration Runtime region, and this will make the compute and storage in different region, and IP whitelist will work in this case as cross region communication will use compute public IP address.

Links:

1. https://supportability.visualstudio.com/AzureVMPOD/_wiki/wikis/AzureVMPOD/265582/Azure_Storage_Firewall-and-Virtual-Networks?anchor=**how-to-onboard-my-service-with-azure-storage-firewall-and-vnet%3F**
2. This doc talks about how to setup VNET Configure Azure Storage firewalls and virtual networks | Microsoft Docs for a storage account.
3. <https://docs.microsoft.com/en-us/azure/storage/common/storage-network-security#grant-access-from-an-internet-ip-range> 
4. <https://docs.microsoft.com/en-us/azure/data-factory/azure-integration-runtime-ip-addresses> 
5. When connecting to Azure Storage account, IP network rules have no effect on requests originating from the Azure integration runtime in the same region as the storage account. For more details, please refer this article.

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How good have you found this content?

