Create ADF using Powershell with Managed VNet IR as the default IR

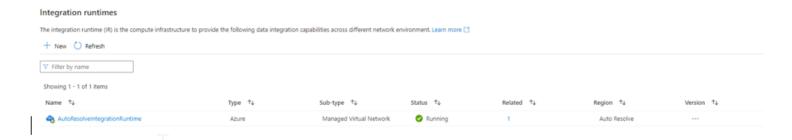
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Issue

Customer wants to create ADF using Powershell and also requires having default "AutoResolveIntegrationRuntime" with Sub-Type "Managed Virtual Network" instead of default "Public" as shown in the below diagram



Cause

The Current PowerShell cmdlet "New-AzDataFactory" does not take VNet parameter and hence it created Data Factory with "Public" Sub-Type by default.

Resolution

Follow script below

Please make sure to keep the IR name as "AutoResolveIntegrationRuntime" only in the below Powershell code

```
# Initialize below variables with valid values
$subscriptionId = ""
$resourceGroupName = ""
$factoryName = ""
$managedPrivateEndpointName = ""
# DO NOT CHANGE INTEGRATION RUNTIME NAME
$integrationRuntimeName = "AutoResolveIntegrationRuntime"
$apiVersion = "2018-06-01"
$privateLinkResourceId = ""
$vnetResourceId = "subscriptions/${subscriptionId}/resourceGroups/${resourceGroupName}/providers/Microsoft.Dat
$privateEndpointResourceId = "subscriptions/${subscriptionId}/resourceGroups/${resourceGroupName}/providers/Mi
$integrationRuntimeResourceId = "subscriptions/${subscriptionId}/resourceGroups/${resourceGroupName}/providers
# Create ADF without a default IR
New-AzResource -Location <Location> -ResourceName <factoryName> -ResourceType Microsoft.DataFactory/factories
# Create managed Virtual Network resource
New-AzResource -ApiVersion "${apiVersion}" -ResourceId "${vnetResourceId}" -Properties @{}
# Create managed private endpoint resource
New-AzResource -ApiVersion "${apiVersion}" -ResourceId "${privateEndpointResourceId}" -Properties @{
        privateLinkResourceId = "${privateLinkResourceId}"
        groupId = "blob"
    }
# Create integration runtime resource enabled with VNET
New-AzResource -ApiVersion "${apiVersion}" -ResourceId "${integrationRuntimeResourceId}" -Properties @{
        type = "Managed"
        typeProperties = @{
            computeProperties = @{
                location = "AutoResolve"
                dataFlowProperties = @{
                    computeType = "General"
                    coreCount = 8
                    timeToLive = 0
                }
            }
        managedVirtualNetwork = @{
            type = "ManagedVirtualNetworkReference"
            referenceName = "default"
        }
    }
```

Reference Doc - https://docs.microsoft.com/en-us/azure/data-factory/managed-virtual-network-privateendpoint#create-managed-virtual-network-via-azure-powershell