

Managed VNet IR in Limited state or failed to enable interactive authoring capability or AzureVNetIntegrationRuntimelsNotReady

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Issue

sample error message:

- When customer click enable interactive query, if they receive this error message. Failed to enable interactive authoring capability.
- When customer run activity, they receive this error: AzureVNetIntegrationRuntimelsNotReady

TIMESTAMP	IntegrationRuntime	Status	ErrorCode	ErrorMessage
2021-01-19 09:47:40.9906747	{"Name":"AutoResolveIntegrationRuntime","IRType":"Managed..."}	Start		
2021-01-19 09:47:41.6316931	Extract FeatExtra2DWH zip in feleextra2dwh	Failed	UserErrorCopy	[Activity: cfd12132-03ca-4376-8f01-560680932774] Unexpected HTTP Status Code: BadRequest, ErrorCode: AzureVNetIntegrationRuntimelsNotReady, Message: Azure-VNet Integration Runtime is not ready to run activity, state: Failed

- Managed VNet IR is shown as Limited state.

Solution

Managed VNet IR is not in correct state to run any data movement activities(dataMovementState is incorrect), customer could confirm this by using IntegrationRuntime/GetStatus API (<https://docs.microsoft.com/en-us/rest/api/datafactory/integrationruntimes/getstatus>).

Integration runtimes

The integration runtime (IR) is the compute infrastructure to provide the following data integration capabilities across different network environment. [Learn more](#)

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AutoResolveIntegration...	Azure	Managed Virtual Network	Running (Limited) More

Repair

Mitigation: there is a button for Managed VNet to fix the IR:

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