# [SSIS IR] Lift and shift when connecting to on-prem server

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## SME

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## Symptoms

Customer said his package can't be run in Azure-SSIS IR against his on-prem server in his corpnet

## Kusto Query

## Keyword

On-prem server

## Cause

- Customer might not setup Vnet properly to let IR able to reach on-prem server
- Or he didn't setup DNS server in VNet for IR to resolve on-prem server name

## Resolution

1. Customer need to connect on-prem server to a VNet which SSIS Integration Runtime can join
   - [Site to Site](#) VPN gateway which can connect your local network to VNet
   - [Point-to-Site](#) VPN gateway which only connect that on-prem server to VNet which is much less cost than Site-to-site but need to be set up for each on-prem server you need SSIS Integration Runtime to reach
   - Express Route Or other situations, refer to (https://docs.microsoft.com/en-us/azure/data-factory/join-azure-ssis-integration-runtime-virtual-network#access-to-on-premises-data-stores )
2. After connecting on-prem server to VNet, the server will be allocated a VNet IP that SSIS package connection manager can reach.
   If customer still want to use server name in connection manager, he will need to set up his own DNS server in VNet to do name resolution.
3. Join Azure-SSIS IR into Vnet (refer to https://docs.microsoft.com/azure/data-factory/join-azure-ssis-integration-runtime-virtual-network )

## More Information

Already public document this scenario at https://docs.microsoft.com/en-us/sql/integration-services/lift-shift/ssis-azure-connect-with-windows-auth?view=sql-server-2017#connect-to-a-sql-server-on-premises 

## Sample cases

## How good have you found this content?

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