

# ClientIPAddressNotAuthorized

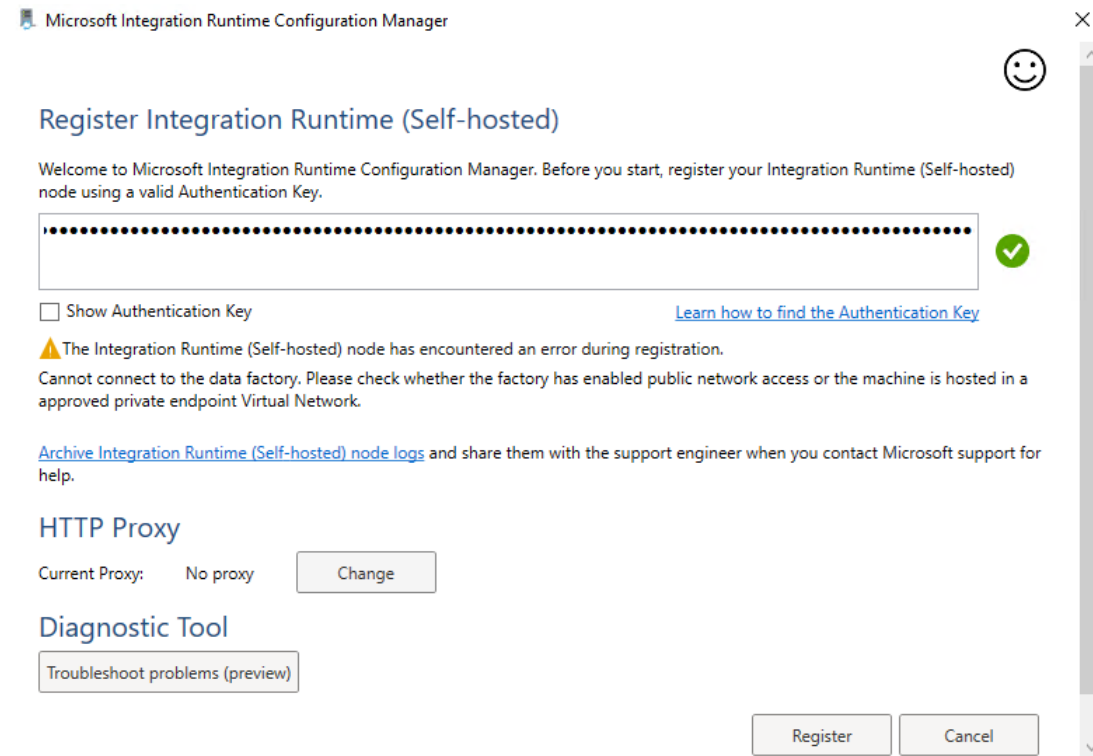
Last updated by | Jackie Huang | Jan 4, 2022 at 12:24 AM PST

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## Issue

Self Hosted integration runtime throwing error "The Authentication key is invalid or empty" after disabling public network access for Data Factory.



In the Event log customer would see below error:

Failed to get service token from ADF service with key IR@ff504d07-aca7-47fd-aa27-e0e14f270ebc@ligengvnetdfeu@ServiceEndpoint=[ligengvnetdfeu.eastus.datafactory.azure.net](https://ligengvnetdfeu.eastus.datafactory.azure.net) @\*\*\*\*\* and time cost is: 2.4016643 seconds, the error code is: PrivateEndpointNotAllowPublicAccess, activityId is: 25afc87b-ef20-4ed3-adcc-96ab5665d3a7 and detailed error message is code: ClientIPAddressNotAuthorized, message: Client IP address 167.220.xx.xx is not valid private ip..

## Root Cause

Customer disabled the public network access for the data factory, and either of below 3:

1. Private Endpoint for the data factory is not created
2. The SHIR hosted machine is not in the VNet where Private Endpoint is in, or does not connected to the VNet using Azure VNet solution, like ER/VPN, VNet peering
3. SHIR configured Proxy, while Proxy server is not in the VNet

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## ligengvnetdfeu | Networking ...

Data factory (V2)




### Network access

### Private endpoint connections


 Save  Discard  Refresh


Connect via:

☐ Public endpoint ☒ Private endpoint

 Choose whether to connect your self-hosted integration runtime to Azure Data Factory

 Overview

 Activity log

 Access control (IAM)

 Tags

 Diagnose and solve problems

Settings

## Resolution

#1 If customer does not want to enable private endpoint, switch to Public Endpoint

#2 . If customer do need to enable private endpoint, setup private endpoint for the data factory: <https://docs.microsoft.com/en-us/azure/data-factory/data-factory-private-link> 