

# Error 45397 - Managed Instance deployment failed due to conflict with the following network requirements

Last updated by | Vitor Tomaz | Feb 24, 2023 at 3:30 AM PST


---

## Contents

- [Issue](#)
- [Investigation/Analysis](#)
- [Mitigation](#)

## Issue

Customer faces error like:

Managed Instance creation failed with operation status: Managed Instance deployment failed due to conflict with the following network requirements: Route Table. Information about the network requirements and how to set them could be found at (<https://go.microsoft.com/fwlink/?linkid=871071> ). You can find more details about this error in the virtual network Activity log.

It can fail due to multiple requirements, where NSG or Route Table are the most common ones.

It's displayed in Azure portal like:

Managed instance create operation failed or canceled. Please delete and recreate.

^ Essentials

Resource group :

Status : Failed to create

Location :

Subscription :

Subscription ID :

Managed instance admin : cloudadmin

Host : ---

Pricing tier : General Purpose

Instance pool : [Not in an instance pool](#)

Virtual network / subnet : [MI43vnet/mi43vnet](#)

Virtual cluster : [Not available](#)

Tags ([edit](#)) : [Click here to add tags](#)

Managed Instance creation failed

Managed Instance creation failed with operation status: Managed Instance deployment failed due to conflict with the following network requirements: Route Table. Information about the network requirements and how to set them could be found at (<https://go.microsoft.com/fwlink/?linkid=871071>). You can find more details about this error in the virtual network Activity log. [↗](#)

Step 1/3

Request validation

Completed

Step 2/3

Virtual Cluster resize/creation

Completed

Step 3/3

SQL Instance Cleanup

Failed

## Investigation/Analysis

"You can find more details about this error in the virtual network Activity log."

1. Navigate to the **VNet** Activity Log in Azure portal, the one that customer is trying to use to create ML
2. Search for a failed prepare Network Intent Policy operation and select it
3. Select JSON
4. Scroll down until you find the relevant error message with all the details
5. Review the [networking requirements](#) ☐ with the customer

Home > SQL managed instances > MI43vnet > MI43vnet
Prepares a subnet by applying necessary Network Policies

## MI43vnet | Activity log

Virtual network

Activity
Edit columns
Refresh
Export Activity Logs
Download as CSV

Overview
Activity log
Access control (IAM)
Tags
Diagnose and solve problems

Settings
Address space
Connected devices
Subnets
Bastion
DDoS protection
Firewall
Microsoft Defender for Cloud
Network manager

Looking for Log Analytics? In Log Analytics you can search for performance, diagnostics, health...

Quick Insights

Management Group : None
Subscription : Microsoft Azure Virtual Network

9 items.

Operation name	Status
Prepares a subnet by applying necessary Network Policies	Failed
Unprepare a subnet by removing the applied Network Policies	Succeeded
Delete Resource Navigation Link	Succeeded
Delete Contextual Service Endpoint Policy	Succeeded
'auditIfNotExists' Policy action.	Succeeded
Create or update ContextualServiceEndpointPolicy	Succeeded
Create or Update Resource Navigation Link	Succeeded

New alert rule
New support request

Summary


JSON

```

63      "localizedValue": ""
64    },
65    "submissionTimestamp": "2022-06-22T15:47:19.1853115Z",
66    "details": {
67      "properties": {
68        "statusMessage": "{\n\"status\": \"Failed\", \"error\": \"
{\n\"code\": \"ResourceOperationFailure\", \"message\": \"The resource operation completed with
terminal provisioning state 'Failed'.\", \"details\": [
{\n\"code\": \"ConflictWithNetworkIntentPolicy\", \"message\": \"Found conflicts with
NetworkIntentPolicy. Details: Subnet cannot have resources or properties which conflict
with network intent policy.\\r\\n\\nRoute Table: /subscriptions/
/resourceGroups/MI43/providers/Microsoft.Network/
routeTables/bad-rt does not meet exact route match requirements of Network Intent Policy:
mi_default_08d9e770-081b-4842-a29e-ad8c14ecd866_10-43-5-0-24/\\r\\n
Route Table doesn't
have exact match Route for Network Intent Policy Route: Name:
subnet-10-43-5-0-24-to-vnetlocal, Id: /subscriptions/
/resourceGroups/MI43/providers/Microsoft.Network/networkIntentPolicies/
mi_default_08d9e770-081b-4842-a29e-ad8c14ecd866_10-43-5-0-24/routes/
subnet-10-43-5-0-24-to-vnetlocal, AddressPrefix: 10.43.5.0/24, NextHopType: VnetLocal,
NextHopIpAddress: \\r\\n-----\", \"details\": [ ]}}\",
\"eventCategory\": \"Administrative\",

```

## Mitigation

Customer needs to ensure that their resources meet the networking requirements mentioned at <https://docs.microsoft.com/en-us/azure/azure-sql/managed-instance/connectivity-architecture-overview?view=azuresql#network-requirements> 

**How good have you found this content?**



-