

Error 45465 - Conflict with the following error related to preparation of network intent policy


Last updated by | Vitor Tomaz | Mar 7, 2023 at 11:11 AM PST

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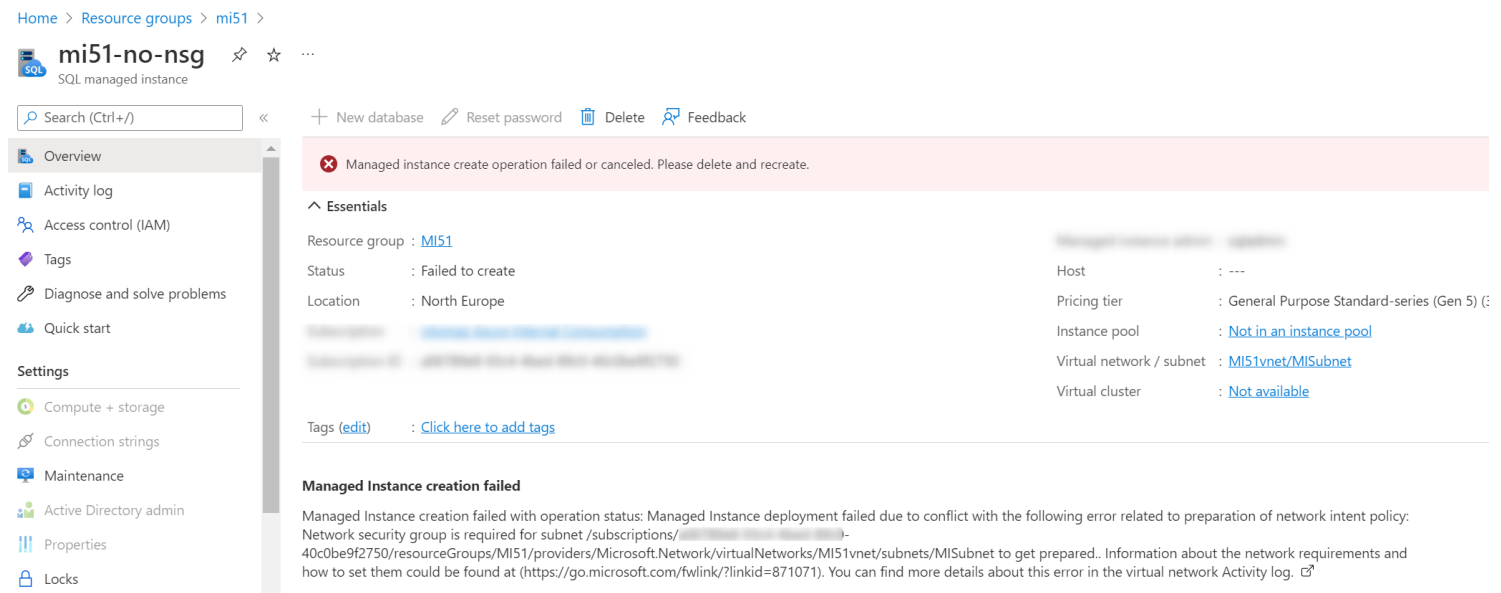
Issue

Customer faces error like:

Managed Instance creation failed with operation status: Managed Instance deployment failed due to conflict with the following error related to preparation of network intent policy (...) 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, usually missing NSG, missing Route Table or NAT Gateway in the subnet.

It's displayed in Azure portal like:



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 MI

- 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

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MI51vnet | Activity log

Virtual network

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Management Group : None

Subscription :

8 items.

Operation name	Status
Prepares a subnet by applying necessary Network Policies	Failed
Create or Update Virtual Network	Succeeded
Create or Update Virtual Network	Succeeded
Create or Update Virtual Network Subnet	Succeeded
Create or Update Virtual Network	Succeeded
Create or Update Virtual Network	Succeeded
Create or Update Virtual Network	Succeeded
Prepares a subnet by applying necessary Network Policies	Failed

Prepares a subnet by applying necessary Network Policies

Thu May 26 2022 18:31:33 GMT+0100 (Western European Summer Time)

New alert rule

New support request

Summary

JSON

```
56  "status": {
57    "value": "Failed",
58    "localizedValue": "Failed"
59  },
60  "subStatus": {
61    "value": "",
62    "localizedValue": ""
63  },
64  "submissionTimestamp": "2022-05-26T17:33:18.1476403Z",
65  "properties": {
66    "statusMessage": "{\n\"status\": \"Failed\", \"error\": {\n\"code\": \"ResourceOperationFailure\", \"message\": \"The resource operation completed with terminal provisioning state 'Failed'.\", \"details\": [\n{\n\"code\": \"ConflictWithNetworkIntentPolicy\", \"message\": \"Found conflicts with NetworkIntentPolicy. Details: Subnet cannot have resources or properties which conflict with network intent policy.\\\\r\\\\nNat Gateway [vitomaz-netgw1] on Subnet subnet2 is not allowed as provided in Network Intent Policy: mi_default_cab0cd57-f25e-42e9-ac7f-a08eb91e89c0_10-51-2-0-24.\\\\r\\\\n---- ----\", \"details\": []}}]\",
67    \"eventCategory\": \"Administrative\",
68    \"entity\": \"/subscriptions/ /resourceGroups/ mi51/providers/Microsoft.Network/virtualNetworks/MI51vnet/subnets/subnet2\",
69    \"message\": \"Microsoft.Network/virtualNetworks/subnets/prepareNetworkPolicies/
```

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>