

# Unable to create managed private endpoint - ProvisioningStatus Failed

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

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## Issue

Customer is unable to create Managed Private Endpoint. As soon as they click create, the provisioning status shows "Failed"

Managed private endpoint uses a private IP address from within Managed Virtual Network to connect to an Azure resource or your own private link service. Connections using managed private endpoints listed below provide access to Azure resources or private link services. [Learn more](#)

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Name	Provisioning...	Approval st...	VNet name	Possible Lin...	Linked resource ID
AzureFileStorage1	Failed		default	0	/subscriptions/2d99ed81-7df5-45fc-af44-5415bec6bb1/resourceGroups/mock9
test2	Failed	Pending	default	1	/subscriptions/c1d685b3-9735-48c0-8863-cb893f89830c/resourceGroups/usmcn
usmcmt1-cosmosdb...	Succeeded	Approved	default	0	/subscriptions/c1d685b3-9735-48c0-8863-cb893f89830c/resourceGroups/usmcn

## Investigation

From the EventServiceEntries table, we could see the reason for failure as:


```
cluster('Armprod').database('ARMPProd').EventServiceEntries
| where PreciseTimeStamp >= ago(5d)//datetime(2020-09-04 11:55:00) and PreciseTimeStamp < datetime(2020-09-04
| where subscriptionId == "<subscriptionId>"
//| where Deployment == "7cb628f0bf524125a3db619b92481e9b" // DeploymentID
| where properties has "/subscriptions/xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx/resourceGroups/<resourcegroup>/pro
| where status == "Failed"
| project PreciseTimeStamp, Deployment, eventName, status, httpRequest, resourceProvider, resourceUri, operati
```

ManagedPrivateEndpointController.CreateManagedPrivateEndpointResponse[389]: vnetName: default, vnetId: xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx, **peName: AzureFileStorage1**, peProvisioningState: Failed, nmServicePeResponse.Error: {"StatusCode":0,"Message":"Failed to create PrivateEndpoint for client xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx, cluster : Id=xxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx, Name=. ReasonPhrase:Bad Request. Body:Microsoft.Azure.Management.Network.Fluent.Models.Error. Status code:BadRequest. Content: {\r\n "error": {\r\n "code": "RemotePrivateLinkServiceSubscriptionNotRegistered",\r\n "message": "Subscription xxxxxxxx-xxxx-xxxx-xxxx-xxxxxxxxxxxx of remote Private Link Service /subscriptions/xxxxxxx-xxxx-xxxx-xxxx-


```
xxxxxxxxxxxx/resourceGroups/<resourceGroup>/providers/Microsoft.Storage/storageAccounts/<storageName>  
> is not registered with Microsoft.Network resource provider.",\r\n "details": []\r\n}\r\n"},"ExceptionDetail":"Microsoft.Azure.Management.Network.Fluent.Models.Exception: Operation  
returned an invalid status code 'BadRequest'\r\n
```

## Resolution

This issue happens when the resource provider Microsoft.Network is not registered in the subscription. Ask customer to register the Microsoft.Network resource provider.

Refer link: <https://docs.microsoft.com/en-us/azure/azure-resource-manager/management/resource-providers-and-types#register-resource-provider> 

## Additional Information:

- **Icm References:** [Icm Link](#) 
- **Author:** vimals
- **Reviewer:** vimals
- **Keywords:**

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