



Configure backup for multi-account access in Azure

Cloud Manager

Tom Onacki
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Configure backup for multi-account access in Azure

Cloud Backup enables you to create backup files in an Azure account that is different than where your source volumes reside. And both of those accounts can be different than the account where the Cloud Manager Connector resides.

Just follow the steps below to set up your configuration in this manner.

Set up VNet peering between accounts

Note that if you want Cloud Manager to manage your Cloud Volumes ONTAP system in a different account/region, then you need to setup VNet peering. VNet peering is not required for storage account connectivity.

1. Log in to the Azure portal and from home, select Virtual Networks.
2. Select the subscription you are using as subscription 1 and click on the VNet where you want to set up peering.

Home > Virtual networks ...

NetApp HCL (netapphcl.onmicrosoft.com)

+ New Manage view Refresh Export to CSV Open query | Assign tags | Feedback

Filter for any field... Subscription == OCCM Dev Resource group == all X Location == all X Add filter

Showing 1 to 60 of 60 records.

<input type="checkbox"/> Name	Resource group	Location
<input type="checkbox"/> cbsnetwork	occm_group_eastasia	East Asia
<input type="checkbox"/> Vnet1	occm_group_australiaeast	Australia East
<input type="checkbox"/> Vnet1	occm_group_australiasoutheast	Australia Southeast

3. Select **cbsnetwork** and from the left panel, click on **Peerings**, and then click **Add**.

Subscription * ⓘ

OCCM Automation

Virtual network *

cbse2evnet

Traffic to remote virtual network ⓘ

☒ Allow (default)

☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ

☒ Allow (default)

☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ

☐ Use this virtual network's gateway or Route Server


☐ Use the remote virtual network's gateway or Route Server

☒ None (default)

Add

4. Enter the following information on the Peering page and then click **Add**.

- Peering link name for this network: you can give any name to identify the peering connection.
- Remote virtual network peering link name: enter a name to identify the remote VNet.
- Keep all the selections as default values.
- Under subscription, select the subscription 2.
- Virtual network, select the virtual network in subscription 2 to which you want to set up the peering.


cbsnetwork | Peerings
...

Virtual network

<<
+ Add
↻ Refresh

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Settings
 - Address space
 - Connected devices
 - Subnets
 - DDoS protection
 - Firewall
 - Security
 - DNS servers
 - Peerings**

Name	Peering status	Peer
cbsnetwork	Connected	cbse2evnet

- Perform the same steps in subscription 2 VNet and specify the subscription and remote VNet details of subscription 1.

Subscription * ⓘ

OCCM Dev

Virtual network *

cbsnetwork

Traffic to remote virtual network ⓘ

☒ Allow (default)
 ☐ Block all traffic to the remote virtual network

Traffic forwarded from remote virtual network ⓘ


☒ Allow (default)
 ☐ Block traffic that originates from outside this virtual network

Virtual network gateway or Route Server ⓘ

☐ Use this virtual network's gateway or Route Server
 ☐ Use the remote virtual network's gateway or Route Server
 ☒ None (default)

Add

The peering settings are added.


cbse2evnet | Peerings
...

Virtual network

<<
+ Add
🔄 Refresh

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Settings

Address space

Connected devices

Subnets

DDoS protection

Firewall

Security

DNS servers

Peerings

Name	Peering status	Peer
cbsnetworkpeer	Connected	cbsnetwork

Create a private endpoint for the storage account

Now you need to create a private endpoint for the storage account. In this example, the storage account is created in subscription 1 and the Cloud Volumes ONTAP system is running in subscription 2.



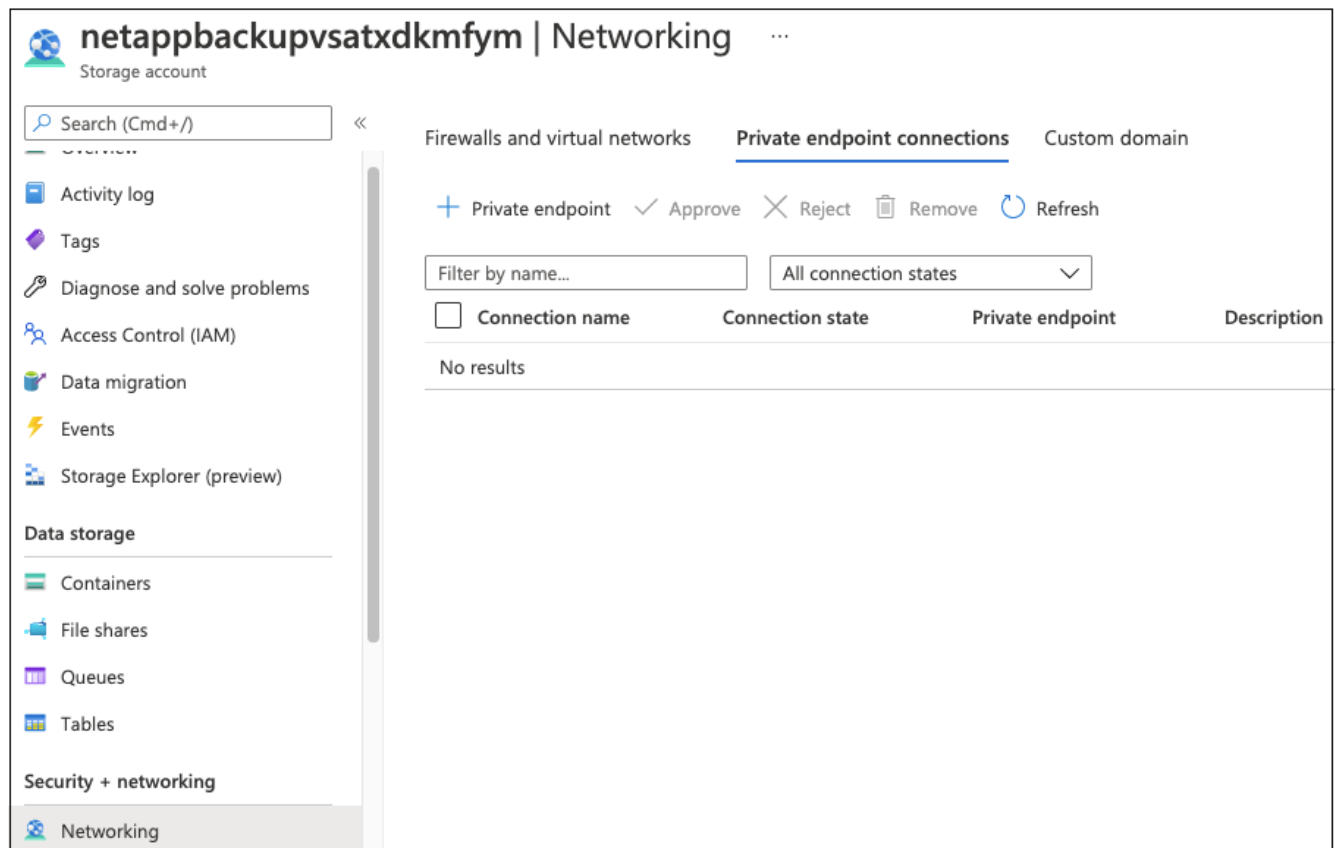
You need network contributor permission to perform the following action.

```

{
  "id": "/subscriptions/d333af45-0d07-4154-943dc25fbbce1b18/providers/Microsoft.Authorization/roleDefinitions/4d97b98b-1d4f-4787-a291-c67834d212e7",
  "properties": {
    "roleName": "Network Contributor",
    "description": "Lets you manage networks, but not access to them.",
    "assignableScopes": [
      "/"
    ],
    "permissions": [
      {
        "actions": [
          "Microsoft.Authorization/*/read",
          "Microsoft.Insights/alertRules/*",
          "Microsoft.Network/*",
          "Microsoft.ResourceHealth/availabilityStatuses/read",
          "Microsoft.Resources/deployments/*",
          "Microsoft.Resources/subscriptions/resourceGroups/read",
          "Microsoft.Support/*"
        ],
        "notActions": [],
        "dataActions": [],
        "notDataActions": []
      }
    ]
  }
}

```

1. Go to the storage account > Networking > Private endpoint connections and click + **Private endpoint**.



2. In the Private Endpoint *Basics* page:

- Select subscription 2 (where the Cloud Manager Connector and Cloud Volumes ONTAP system are deployed) and the resource group.
- Enter an endpoint name.
- Select the region.

Create a private endpoint

1 Basics 2 Resource 3 Configuration 4 Tags 5 Review + create

Use private endpoints to privately connect to a service or resource. Your private endpoint must be in the same region as your virtual network, but can be in a different region from the private link resource that you are connecting to. [Learn more](#)

Project details

Subscription * ⓘ OCCM Dev

Resource group * ⓘ cbsoccmdevcvo-rg [Create new](#)

Instance details

Name * cbse2e ✓

Region * (Asia Pacific) East Asia

3. In the *Resource* page, select Target sub-resource as **blob**.

Create a private endpoint ...

✓ Basics **2 Resource** 3 Configuration 4 Tags 5 Review + create

Private Link offers options to create private endpoints for different Azure resources, like your private link service, a SQL server, or an Azure storage account. Select which resource you would like to connect to using this private endpoint. [Learn more](#)

Subscription OCCM Dev (d333af45-0d07-4154-943d-c25fbbce1b18)

Resource type Microsoft.Storage/storageAccounts

Resource test150521

Target sub-resource * ⓘ

blob

4. In the Configuration page:

- Select the virtual network and subnet.
- Click the **Yes** radio button to "Integrate with private DNS zone".

Create a private endpoint ...

✓ Basics ✓ Resource **3 Configuration** 4 Tags 5 Review + create

Networking

To deploy the private endpoint, select a virtual network subnet. [Learn more](#)

Virtual network * ⓘ

cbsnetwork

Subnet * ⓘ

default (10.2.0.0/24)

ⓘ If you have a network security group (NSG) enabled for the subnet above, it will be disabled for private endpoints on this subnet only. Other resources on the subnet will still have NSG enforcement.

Private DNS integration

To connect privately with your private endpoint, you need a DNS record. We recommend that you integrate your private endpoint with a private DNS zone. You can also utilize your own DNS servers or create DNS records using the host files on your virtual machines. [Learn more](#)

Integrate with private DNS zone

☒ Yes ☐ No

Configuration name

Subscription

Private DNS zone

privatelink-blob-core-...

OCCM Dev

privatelink.blob.core.windows.net

[Review + create](#)

[< Previous](#)

[Next : Tags >](#)

5. In the Private DNS zone list, ensure that the Private Zone is selected from the correct Region, and click **Review + Create**.

Configuration name	Subscription	Private DNS zone
privatelink-blob-core-...	OCCM Dev	privatelink.blob.core.windows.net
		<div>Filter private DNS zones</div> <div> <div>occ_m_group_centralus</div> <div>privatelink.blob.core.windows.net</div> </div> <div> <div>occ_m_group_eastus</div> <div>privatelink.blob.core.windows.net</div> </div> <div> <div>occ_m_group_eastus2</div> <div>privatelink.blob.core.windows.net</div> </div>

Now the storage account (in subscription 1) has access to the Cloud Volumes ONTAP system which is running in subscription 2.

6. Retry enabling Cloud Backup on the Cloud Volumes ONTAP system and this time it should be successful.

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