



DataCapsule Installation and User Guide

Pre-Requirements

- Business Central Environment
- Access to Business Central User Administration
- Access to create Entra ID Registered Application
- You should decide which redundancy you best fits your needs before starting.
 - [Azure Storage Redundancy on Microsoft Learn](#)
- Active Subscription in Azure
 - The Subscription needs the following Resource types registered. ([see index for steps to register](#))
 - Microsoft.Network
 - Microsoft.KeyVault
 - Microsoft.App
 - Microsoft.Web
 - Microsoft.Storage
 - Create Resource Group
 - [See Create a Resource Group](#)



DataCapsule Azure Deployment

1. After Pre-requisites are completed
2. Navigate to <https://portal.azure.com> . Then open the Subscription and Resource Group you will be using for DataCapsule.

(IAM) [BizApps Unlocked Test](#) [No deployments](#)

Subscription ID: f806e85a-a51b-4dff-871b-f2a22a34d82d Location: East US 2

Tags [\(edit\)](#)
[Add tags](#)

ent **Resources** Recommendations

Type equals **all** × Location equals **all** × [+](#)

3. Click on Create to get to the Azure Marketplace.

Microsoft Azure Search resources, services, and docs (G+)

Home > BizApps Unlocked Test | Resource groups >

DataCapsuleGuide Resource group [How to manage these changes more efficiently with](#)

[+ Create](#) [Manage view](#) [Delete resource group](#) [Refresh](#)

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events
- Settings

Create new resource

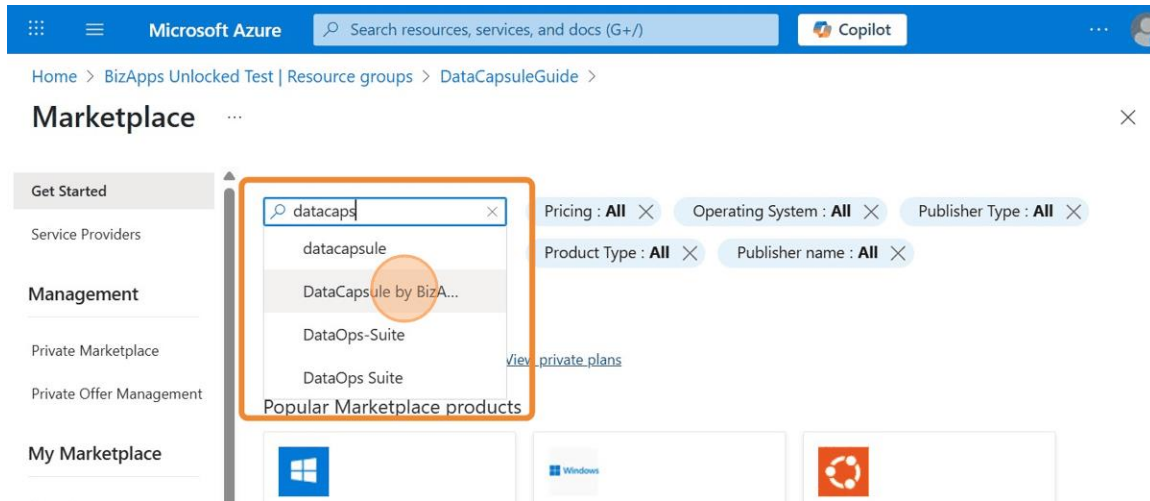
Subscription ([move](#)) [BizApps Unlocked Test](#) Deployments: [No deployment](#)

Subscription ID: f806e85a-a51b-4dff-871b-f2a22a34d82d Location: East US 2

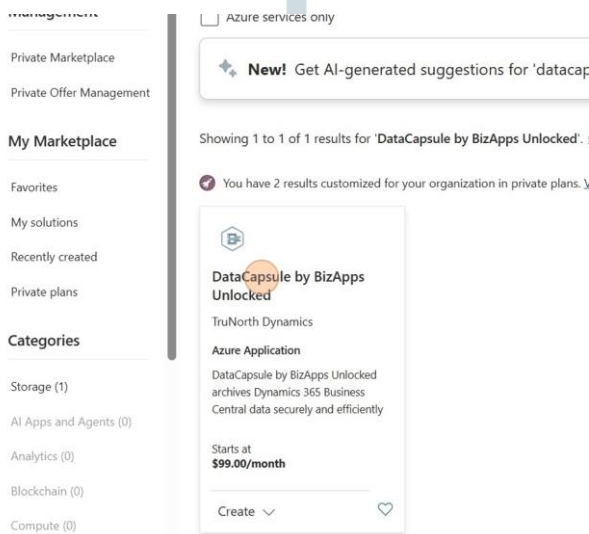
Tags [\(edit\)](#)
[Add tags](#)



4. Click "DataCapsule by BizApps Unlocked"



5. Click "DataCapsule by BizApps Unlocked"





6. Click “Create”. Note: If BizApps Unlocked has informed you that you have a Private Plan that plan will be in the drop down.

[Home](#) > [Microsoft.Template-20250929081932](#) | [Overview](#) > [DataCapsuleGuide](#) > [Marketplace](#) >

DataCapsule by BizApps Unlocked



TruNorth Dynamics

Private This product was shared privately with you by the publisher.



DataCapsule by BizApps Unlocked

[Add to Favorites](#)

TruNorth Dynamics | Azure Application

Private plan

Subscription

Plan

BizApps Unlocked Demo

DataCapsule Core Plan

Create

You have private plans available. [View private plans](#)

Overview

[Plans + Pricing](#)

[Usage Information + Support](#)

[Ratings + Reviews](#)

Unlock Your Data with DataCapsule by BizApps Unlocked

Microsoft keeps 28 days. DataCapsule keeps it all. Secure, simple, and under your control.

One app. Zero gaps. Permanent peace of mind for your Business Central data.

What is DataCapsule?

7.

8. Make sure the correct Region is selected. The Marketplace seems to select a region where the Resource Group has one defined already.

manage all your resources.

Subscription * ⓘ

BizApps Unlocked Test

Resource group * ⓘ

DataCapsuleGuide

[Create new](#)

Instance details

Region * ⓘ

East US

Application Resource Name * ⓘ

App Service Name Prefix * ⓘ

App Service Plan Name Prefix * ⓘ

Managed Application Details

Provide a name for your application's managed resources that are required by the managed

Managed Resource Group * ⓘ

East US

East US 2

East US 2 EUAP

East US STG

France Central

France South

Germany North

Germany West Central

Indonesia Central



9. Fill in names for the resources and click the next button.

A random string of characters is added to the end of each resource to ensure uniqueness.
Then click "Next"

Create new

Instance details

Region * ⓘ East US 2 ✓

Application Resource Name * ⓘ datacapsuleguide-res ✓

App Service Name Prefix * ⓘ datacapsuleguide-ser ✓

App Service Plan Name Prefix * ⓘ datacapsuleguide-pre

Managed Application Details

Provide a name for your application's managed resource group. Your application's managed resource group holds all the resources that are required by the managed application.

Managed Resource Group * ⓘ mrg-trunorth-unlocked-er-20250929080755 ✓

Previous Next Review + create Give feedback

10. Fill in the name of the "Hot" storage account. Save this name to a notepad window for later reference, it needed. See the "Installation Failed" section below.

This storage account is a transitory location for the backup so the "Standard_LRS" Storage Account Type is fine.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > DataCapsuleGuide > Marketplace > DataCapsule by BizApps Unlocked >

Create Internal Use DataCapsule ...

Basics **Storage settings** Contact settings Review + create

Hot Storage account name * ⓘ datacapsuleguidehot

Hot Storage account type * ⓘ Standard_LRS
[Change type](#)

Cold Storage account name * ⓘ

✖ The value must not be empty.
✖ Configure account name prefix

Cold Storage account type * ⓘ Standard_LRS
[Change type](#)



11. Fill in the name of the Code Storage Account Name field. Like the hot storage account it is highly recommended to save this name to a notepad window for later reference, it needed. See the "Installation Failed" section below.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > DataCapsuleGuide > Marketplace > DataCapsule by BizApps Unlocked >

Create Internal Use DataCapsule

Basics **Storage settings** Contact settings Review + create

Hot Storage account name * ⓘ datacapsuleguidehot ✓

Hot Storage account type * ⓘ **Standard_LRS**
Change type

Cold Storage account name * ⓘ datacapsuleguidecold ✓

Cold Storage account type * ⓘ **Standard_LRS**
Change type

12. If you need help deciding what type of storage Microsoft has an article to learn the differences: <https://learn.microsoft.com/en-us/azure/storage/common/storage-redundancy>. Essentially the more redundant the data is stored the more available it is in disaster scenarios, but the more redundant the data is the higher the cost. Select the type that fits your needs.

Create Internal Use DataCapsule

Basics **Storage settings** Contact settings Review + create

Hot Storage account name * ⓘ datacapsuleguidehot ✓

Hot Storage account type * ⓘ **Standard_LRS**
Change type

Cold Storage account name * ⓘ datacapsuleguidecold ✓

Cold Storage account type * ⓘ **Standard_LRS**
Change type

CHOOSE storage account type

Browse the available plans and their features

Loading pricing...Click here to open pricing calculator

P Premium Locally Redundant	L Locally Redundant
3 Local replicas	3 Local replicas
Page blob	Block and page blobs
5000 Max IOPS per disk	Table
99.9% SLA	Queue
	500 Max IOPS per disk
	99.9% SLA
Loading pricing...	Loading pricing...
G Geo-Redundant	R Read-Access Geo-Redundant
3 Local replicas	3 Local replicas



13. Click "Select"

Cold Storage account type * ⓘ

Standard_LRS
[Change type](#)

17.92 STARTING COST PER 128GB DISK (...)	2.24 STARTING COST PER 100GB (USD)
G Geo-Redundant	R Read-Access Geo-R...
3 Local replicas	3 Local replicas
3 Geo-distributed repl...	3 Geo-distributed repl...
Block and page blobs	Block and page blobs
Table	Table
Queue	Queue
500 Max IOPS per disk	500 Max IOPS per disk
99.9% SLA	99.9% SLA
Read access to seco...	
4.48 STARTING COST PER 100GB (USD)	5.69 STARTING COST PER 100GB (USD)
Z Zone Redundant	
3 Replicas across multi...	

Previous Next Review + create **Select**

14. Click "Next"

Cold Storage account type * ⓘ

Standard_LRS
[Change type](#)

Previous **Next** Review + create

[Give feedback](#)

15. Fill in the contact information. This allows us to keep our systems up to date for support and updates.



If you are filling this out as an MSP or a Microsoft Partner then please use a contact at your customer. This keeps our records up as up to date as possible.

Company Name * ⓘ

BizApps Unlocked

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 Give feedback

16. Check the "I Agree to the terms and conditions above"

Name

BizApps Unlocked Test Admin

Preferred e-mail address

bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com

Preferred phone number

701-552-5581

Co-Admin Access Permission

By checking the box and clicking "Create" I give permission for the template provider referenced above (the "Provider") to have Administrative-level access to one or more Azure resources in order to provide support and management services for the template. In the event of an issue arising from a Provider's services or failure to provide services, your sole recourse is with the Provider. Unless Microsoft is the Provider, Microsoft (i) does not approve, monitor or manage the Provider's access, and (ii) bears no responsibility whatsoever for acts or omissions of a Provider.

☒ I agree to the terms and conditions above. *

Basics

Subscription

BizApps Unlocked Test

Resource group

DataCapsuleGuide

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Create

 Give feedback



17. Click "Create"

App Service Name Prefix	datacapsuleguide-ser
App Service Plan Name Prefix	datacapsuleguide-pre
Managed Resource Group Name	mrg-trunorth-unlocked-er-20250929080755

Storage settings

Hot Storage account type	Standard_LRS
Hot Storage account name	datacapsuleguidehot
Storage Account count	1
Cold Storage account type	Standard_LRS
Cold Storage account name	datacapsuleguidecold
Storage Account count	1

Contact settings

First Name	BizApps Unlocked
Last Name	Admin
Contact Email	bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com
Contact Phone	555-555-1212
Company Name	BizApps Unlocked

Previous

Next

Create

Give feedback

18. Azure will deploy the resources.



thdynamics2.trunorth-unlocked-er-20250929080755 | Overview

×

«

Delete

Cancel

Redeploy

Download

Refresh

Deployment is in progress

Deployment name : trunorthdynamics2.trunorth-unlocked-er-20250929080755

Subscription : [BizApps Unlocked Test](#)

Resource group : [DataCapsuleGuide](#)

Start time : 9/29/2025, 8:11:14 AM

Correlation ID : 265cecc5-504e-48aa-b641-b32317cf095b



Deployment Failed

1. Occasionally the Azure deployment will fail. In this scenario the best first action before contacting support is to attempt redeployment. Most often the failure is an Azure resource timing out during the install process on the backend.

trunorthdynamics2.trunorth-unlocked-er-20250929080755 | Overview

✕ ⏪

Delete

Cancel

Redeploy

Download

Refresh

The resource write operation failed to complete successfully, because it reached terminal provision
[Click here for details](#)

Your deployment failed

Deployment name : trunorthdynamics2.trunorth-unlocked-er-20250929080755
Subscription : [BizApps Unlocked Test](#)
Resource group : [DataCapsuleGuide](#)
Start time : 9/29/2025, 8:11:14 AM
Correlation ID : 265cecc5-504e-48aa-b641-b32317cf095b

✓ Deployment details

2.





3. Click "Redeploy"

Microsoft Azure Search resources, services, and docs (G+/) Copilot

trunorthdynamics2.trunorth-unlocked-er-20250929080755 | Overview

⌵ ⌵ Delete Cancel Redeploy Download Refresh

❌ The resource write operation failed to complete successfully, because it reached terminal provisionin
Click here for details

Your deployment failed

Deployment name : trunorthdynamics2.trunorth-unlocked-er-20250929080755
Subscription : BizApps Unlocked Test
Resource group : DataCapsuleGuide
Start time : 9/29/2025, 8:11:14 AM
Correlation ID : 265cecc5-504e-48aa-b641-b32317cf095b

4. Make sure the correct Resource Group is selected.

1 resource Edit template Edit parameters Visualize

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ BizApps Unlocked Test

Resource group * ⓘ

Select existing...

DataCapsuleGuide

mrg-trunorth-unlocked-er-20250929080755

NetworkWatcherRG

Instance details

Region * ⓘ

_artifacts Location ⓘ

_artifacts Location Sas Token ⓘ

App Service Name Input * datacapsuleguide-ser

App Plan Name Input * datacapsuleguide-pre

Hot Storage Name *

Hot Storage Account Type *

5. Leave the two "_artifacts" fields alone.

This is where you use the Storage Account names copied to a notepad window earlier.
Paste in the name of the Hot Storage Account and the Cold Storage Account that you saved off earlier.



For the Hot Storage Account Type paste in "Standard_LRS".

For Cold Storage Account Type paste in the name of the Storage Account type selected earlier.

The available options are:

"Premium_LRS", "Standard_LRS", "Standard_GRS", "Standard_ZRS", "Standard_RAGRS"

_artifacts Location Sas Token ⓘ	<input type="text"/>
App Service Name Input *	<input type="text" value="datacapsuleguide-ser"/> ✓
App Plan Name Input *	<input type="text" value="datacapsuleguide-pre"/> ✓
Hot Storage Name *	<input type="text" value="datacapsuleguidehot"/> ✓
Hot Storage Account Type *	<input type="text" value="Standard_LRS"/> ✓
Cold Storage Name *	<input type="text" value="datacapsuleguidecolde"/> ✓
Cold Storage Account Type *	<input type="text" value="Standard_LRS"/> *
Location	<input type="text" value="eastus2"/> ✓
First Name *	<input type="text" value="BizApps Unlocked"/> ✓
Last Name *	<input type="text" value="Admin"/> ✓
Contact Email *	<input type="text" value="bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com"/> ✓
Contact Phone *	<input type="text" value="555-555-1212"/> ✓

[Previous](#) [Next](#) [Review + create](#)

6. Click "Review + create"

_artifacts Location Sas Token ⓘ	<input type="text"/>
App Service Name Input *	<input type="text" value="datacapsuleguide-ser"/> ✓
App Plan Name Input *	<input type="text" value="datacapsuleguide-pre"/> ✓
Hot Storage Name *	<input type="text" value="datacapsuleguidehot"/> ✓
Hot Storage Account Type *	<input type="text" value="Standard_LRS"/> ✓
Cold Storage Name *	<input type="text" value="datacapsuleguidecolde"/> ✓
Cold Storage Account Type *	<input type="text" value="Standard_LRS"/> ✓
Location	<input type="text" value="eastus2"/> ✓
First Name *	<input type="text" value="BizApps Unlocked"/> ✓
Last Name *	<input type="text" value="Admin"/> ✓
Contact Email *	<input type="text" value="bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com"/> ✓
Contact Phone *	<input type="text" value="555-555-1212"/> ✓

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7. Click "Create"

Region	East US 2
_artifacts Location	https://catalogapi.azure.com/privateartifacts/token/@130@DefaultTemplate...
_artifacts Location Sas Token	-
App Service Name Input	datacapsuleguide-ser
App Plan Name Input	datacapsuleguide-pre
Hot Storage Name	datacapsuleguidehot
Hot Storage Account Type	Standard_LRS
Cold Storage Name	datacapsuleguidecolde
Cold Storage Account Type	Standard_LRS
Location	eastus2
First Name	BizApps Unlocked
Last Name	Admin
Contact Email	bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com
Contact Phone	555-555-1212
Company Name	BizApps Unlocked
Application Resource Name	datacapsuleguide-res
Managed Resource Group Id	/subscriptions/f806e85a-a51b-4dff-871b-f2a22a34d82d/resourceGroups/mr...
Managed Identity	{}

[Previous](#) [Next](#) [Create](#)

8. Your deployment will start over.

Subscription : [BizApps Unlocked Test](#)
Resource group : [DataCapsuleGuide](#)
Start time : 9/29/2025, 8:19:35 AM
Correlation ID : 3af15b28-8f4a-49ba-8b5e-e180d1ed3e72

Deployment details

Resource	Type	Status
datacapsulegui...	Managed application	Created

Give feedback

[Tell us about your experience with deployment](#)



DataCapsule Configuration & Test

Navigating to the Managed Resource Group

1. When you click the "Go to resource" button after the install completes Azure takes you to the Resource Group the Managed Application was installed in.

(IAM) [bizapps_unlocked_test](#) [no deployments](#)


Subscription ID: f806e85a-a51b-4dff-871b-f2a22a34d82d Location: East US 2

Tags [\(edit\)](#)
[Add tags](#)

ent

Resources Recommendations

Type equals **all** × Location equals **all** × +

<input type="checkbox"/>	Name ↑	Type
<input type="checkbox"/>	 datacapsuleguide-res	...


2. Click on the "Managed Application" that was installed.

[Add tags](#)

agement

Resources Recommendations

Type equals **all** × Location equals **all** ×

<input type="checkbox"/>	Na datacapsuleguide-res	
<input type="checkbox"/>	 datacapsuleguide-res	...



3. Click on the "Managed resource group" on the top right of the form.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide >

datacapsuleguide-res Managed application

Search Delete

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Settings
 - Parameters and Outputs
 - Authorizations
 - Identity
 - Properties
 - Locks

Essentials JSON View

Resource group DataCapsuleGuide	Managed resource group mrg-datacapsule-20250929092011
Location East US 2	Support name BizApps Unlocked Support
Subscription BizApps Unlocked Test	Support email support@bizappsunlocked.com
Subscription ID f806e85a-a51b-4dff-871b-f2a22a34d82d	Support phone (888) 929-1387
	Support link https://bizappsunlocked.com/contact/

Key Vault

4. In the Managed Resource Group created by the Azure Application. You will find the resource added by DataCapsule.

(IAM) [bizapps unlocked test](#) [Success](#)

Subscription ID
f806e85a-a51b-4dff-871b-f2a22a34d82d

Managed By
[datacapsuleguide-res](#)

Location
East US 2

Tags [\(edit\)](#)
[Add tags](#)

Resources Recommendations

Filter for any field... Type equals all × Location equals all × +

<input type="checkbox"/>	Name ↑	Type
<input type="checkbox"/>	datacapsuleguide-pre-zhmwlr463e7qw	App S
<input type="checkbox"/>	datacapsuleguide-ser-zhmwlr463e7aw	App S



5. Open the KeyVault

Filter for any field... type equals all Location equals all

<input type="checkbox"/>	Name ↑	
<input type="checkbox"/>	datacapsuleguide-pre-zhwmwr463e7qw	...
<input type="checkbox"/>	datacapsuleguide-ser-zhwmwr463e7qw	...
<input type="checkbox"/>	datacapsuleguidecold	...
<input type="checkbox"/>	keyvault-zhwmwr463e7qw	...
<input type="checkbox"/>	keyvault-zhwmwr463e7qw	...
<input type="checkbox"/>	vnet-zhwmwr463e7qw	...

Showing 1 - 6 of 6. Display count: auto

avorites by pressing Ctrl+Shift+F

6. Click "Access control (IAM)"

Microsoft Azure Search resources, services, and docs (G+/) Copilot

Home > Subscriptions > BizApps Unlocked Test | Resource groups > mrg-datacapsule-20250929092011 >

keyvault-zhwmwr463e7qw

Key vault

What is the overall service API latency for this Key Vault? +2

Search

Delete Move Refresh Open in mobile

Overview

- Activity log
- Access control (IAM)**
- Tags
- Diagnose and solve problems
- Access policies
- Resource visualizer
- Events
- Objects
 - Keys
 - Secrets

Essentials

Resource group (move)	Vault URI
mrg-datacapsule-20250929092011	https://keyvault-zhwmwr463e7qw.vault.azure.n...
Location	Sku (Pricing tier)
East US 2	Standard
Subscription (move)	Directory ID
BizApps Unlocked Test	0434c1ea-7cba-4e6c-93fe-475bb77f6ef6
Subscription ID	Directory Name
f806e85a-a51b-4dff-871b-f2a22a34d82d	BizApps Unlocked Test
	Soft-delete
	Enabled
	Purge protection
	Disabled
Tags (edit)	
Add tags	

JSON View



7. Click "Add"

This screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and a Copilot button. The breadcrumb trail indicates the path: Home > Subscriptions > BizApps Unlocked Test | Resource groups > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw. The main heading is "keyvault-zhmwlr463e7qw | Access control (IAM)". Below this, there's a search bar and a toolbar with buttons: "+ Add", "Download role assignments", "Edit columns", "Refresh", "Delete", and a menu icon. The left sidebar lists various options: Overview, Activity log, Access control (IAM) (which is selected), Tags, Diagnose and solve problems, Access policies, Resource visualizer, Events, and Objects. The main content area shows a warning message: "Action required: 1 user has elevated access in your tenant. You should take immediate action and remove all role assignments with elevated access. View role assignments". Below the warning, there are tabs: "Check access", "Role assignments", "Roles", "Deny assignments", and "Classic administrators". The "Check access" tab is active, showing "My access" and a "View my access" button. The "Add" button in the toolbar is circled in orange.

8. Click "Add role assignment"

This screenshot shows the same Microsoft Azure portal interface as the previous one. The breadcrumb trail and main heading are identical. The left sidebar is also the same. The main content area shows the same warning message and tabs. However, the "Add role assignment" button in the toolbar is now circled in orange, indicating it is the next step in the process.



9. Click "Key Vault Secrets Officer"

Desktop Virtualization ...	This role is in preview and subject to change. Pr...	BuiltInRole	None	View
Key Vault Administrator	Perform all data plane operations on a key vault...	BuiltInRole	Security	View
Key Vault Certificate U...	Read certificate contents. Only works for key va...	BuiltInRole	None	View
Key Vault Certificates ...	Perform any action on the certificates of a key v...	BuiltInRole	Security	View
Key Vault Contributor	Lets you manage key vaults, but not access to t...	BuiltInRole	Security	View
Key Vault Crypto Officer	Perform any action on the keys of a key vault, e...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Read metadata of keys and perform wrap/unwr...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Release keys. Only works for key vaults that use...	BuiltInRole	None	View
Key Vault Crypto User	Perform cryptographic operations using keys. O...	BuiltInRole	Security	View
Key Vault Data Access ...	Manage access to Azure Key Vault by adding or...	BuiltInRole	None	View
Key Vault Reader	Read metadata of key vaults and its certificates,...	BuiltInRole	Security	View
Key Vault Secrets Officer	Perform any action on the secrets of a key vault...	BuiltInRole	Security	View
Key Vault Secrets User	Read secret contents. Only works for key vaults ...	BuiltInRole	Security	View
Log Analytics Contribu...	Log Analytics Contributor can read all monitori...	BuiltInRole	Analytics	View
Log Analytics Reader	Log Analytics Reader can view and search all m...	BuiltInRole	Analytics	View

[Review + assign](#) [Previous](#) [Next](#) [Feedback](#)

10. Click "Next"

Desktop Virtualization ...	This role is in preview and subject to change. Pr...	BuiltInRole	None	View
Key Vault Administrator	Perform all data plane operations on a key vault...	BuiltInRole	Security	View
Key Vault Certificate U...	Read certificate contents. Only works for key va...	BuiltInRole	None	View
Key Vault Certificates ...	Perform any action on the certificates of a key v...	BuiltInRole	Security	View
Key Vault Contributor	Lets you manage key vaults, but not access to t...	BuiltInRole	Security	View
Key Vault Crypto Officer	Perform any action on the keys of a key vault, e...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Read metadata of keys and perform wrap/unwr...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Release keys. Only works for key vaults that use...	BuiltInRole	None	View
Key Vault Crypto User	Perform cryptographic operations using keys. O...	BuiltInRole	Security	View
Key Vault Data Access ...	Manage access to Azure Key Vault by adding or...	BuiltInRole	None	View
Key Vault Reader	Read metadata of key vaults and its certificates,...	BuiltInRole	Security	View
Key Vault Secrets Officer	Perform any action on the secrets of a key vault...	BuiltInRole	Security	View
Key Vault Secrets User	Read secret contents. Only works for key vaults ...	BuiltInRole	Security	View
Log Analytics Contribu...	Log Analytics Contributor can read all monitori...	BuiltInRole	Analytics	View
Log Analytics Reader	Log Analytics Reader can view and search all m...	BuiltInRole	Analytics	View

[Review + assign](#) [Previous](#) [Next](#) [Feedback](#)



11. Click "Select members"

Role **Members** Conditions Review + assign

Selected role

Key Vault Secrets Officer

Assign access to

- ☒ User, group, or service principal
☐ Managed identity

Members

+ Select members

Name	Object ID	Type
No members selected		

Description

Optional

12. Find the users that should be added as Secrets Officers to KeyVault. The Secret Officer role has full permissions to all secrets in KeyVault, so assign these permissions to only the people that need them.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > mrg-datacapsule-20250929092011 > keyvault-z

Add role assignment

Role **Members** Conditions Review + assign

Selected role
Key Vault Secrets Officer

Assign access to
☒ User, group, or service principal
☐ Managed identity

Members
+ Select members

Name	Object ID
No members selected	

Select members

Search by name or email address

- BizApps NonAdmin
bizapps-nonadmin@trunorthdynamicstest.onmicrosoft.com
- BizApps Unlocked Admin
bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com
- BusinessCentralProductionEnvironment
BusinessCentralProductionEnvironment
- BusinessCentralSandboxEnvironment
BusinessCentralSandboxEnvironment
- PowerAppProductionEnvironment
PowerAppProductionEnvironment
- PowerAppSandboxEnvironment
PowerAppSandboxEnvironment
- SQL Admin
39087b75-44aa-40a5-a410-3a8446924879

Selected members:

No members selected. Search for and add one or more members you want to assign to



13. Click "Select"

Members

[+ Select members](#)

Name	Object ID
No members selected	

Description

Optional

PO

PowerAppSandboxEnvironment
PowerAppSandboxEnvironment

SA

SQL Admin
39087b75-44aa-40a5-a410-3a8446924879

Selected members:

BU

BizApps Unlocked Admin
bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com

Review + assign

Previous

Next

Select

Close

14. Click "Review + assign"

Members

[+ Select members](#)

Name	Object ID	Type
BizApps Unlocked Admin	fca80f62-c336-49e6-bbfe-0518cf35...	User

Description

Optional

Review + assign

Previous

Next

Feedback



15. Click "Review + assign"

Members

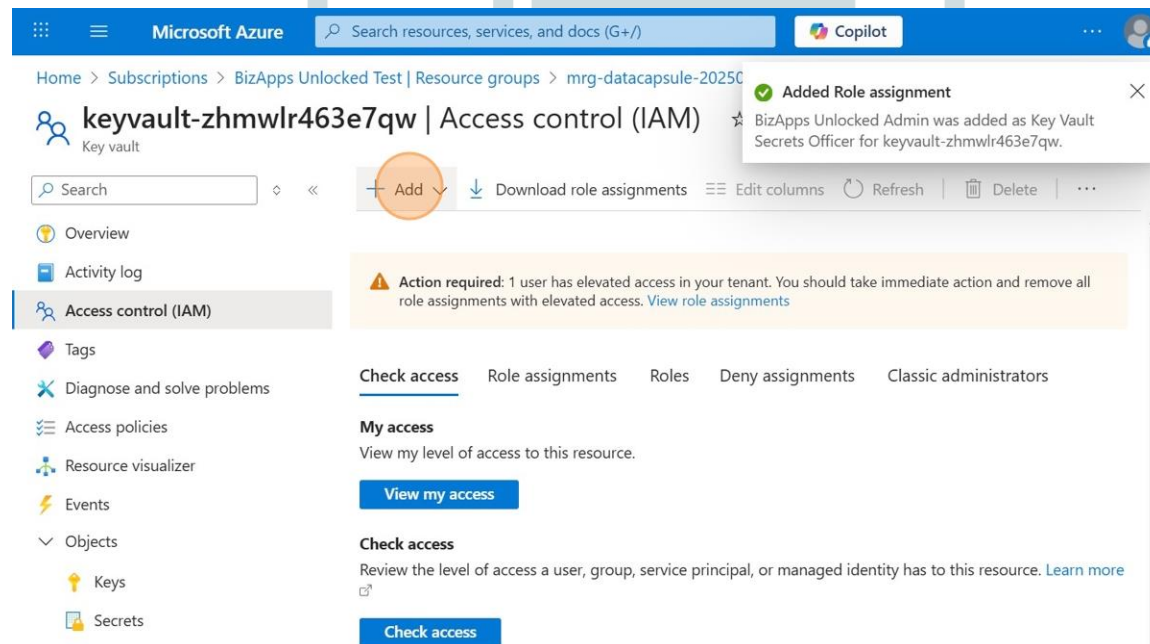
Name	Object ID	Type
BizApps Unlocked Admin	fca80f62-c336-49e6-bbfe-0518cf35781e	User

Description

No description



16. Click "Add"





17. Click "Add role assignment"

Microsoft Azure | Search resources, services, and docs (G+)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > mrg-datcapsule-20250

keyvault-zhmwlr463e7qw | Access control (IAM)

Overview, Activity log, Access control (IAM), Tags, Diagnose and solve problems, Access policies, Resource visualizer, Events, Objects, Keys, Secrets

Added Role assignment: BizApps Unlocked Admin was added as Key Vault Secrets Officer for keyvault-zhmwlr463e7qw.

Search, Add, Download role assignments, Edit columns, Refresh, Delete

Check access, Role assignments, Roles, Deny assignments, Classic administrators

My access: View my level of access to this resource. View my access

Check access: Review the level of access a user, group, service principal, or managed identity has to this resource. Learn more. Check access

18. Click KeyVaultSecretsUser. This role has permissions to read the contents of all secrets in the KeyVault.

Role	Description	Role type	Permissions	Action
Desktop Virtualization ...	This role is in preview and subject to change. Pr...	BuiltInRole	None	View
Key Vault Administrator	Perform all data plane operations on a key vault...	BuiltInRole	Security	View
Key Vault Certificate U...	Read certificate contents. Only works for key va...	BuiltInRole	None	View
Key Vault Certificates ...	Perform any action on the certificates of a key v...	BuiltInRole	Security	View
Key Vault Contributor	Lets you manage key vaults, but not access to t...	BuiltInRole	Security	View
Key Vault Crypto Officer	Perform any action on the keys of a key vault, e...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Read metadata of keys and perform wrap/unwr...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Release keys. Only works for key vaults that use...	BuiltInRole	None	View
Key Vault Crypto User	Perform cryptographic operations using keys. O...	BuiltInRole	Security	View
Key Vault Data Access ...	Manage access to Azure Key Vault by adding or...	BuiltInRole	None	View
Key Vault Reader	Read metadata of key vaults and its certificates,...	BuiltInRole	Security	View
Key Vault Secrets Officer	Perform any action on the secrets of a key vault...	BuiltInRole	Security	View
Key Vault Secrets User	Read secret contents. Only works for key vaults ...	BuiltInRole	Security	View
Log Analytics Contribu...	Log Analytics Contributor can read all monitori...	BuiltInRole	Analytics	View
Log Analytics Reader	Log Analytics Reader can view and search all m...	BuiltInRole	Analytics	View

Review + assign, Previous, Next, Feedback



19. Click "Next"

Desktop Virtualization ...	This role is in preview and subject to change. Pr...	BuiltInRole	None	View
Key Vault Administrator	Perform all data plane operations on a key vault...	BuiltInRole	Security	View
Key Vault Certificate U...	Read certificate contents. Only works for key va...	BuiltInRole	None	View
Key Vault Certificates ...	Perform any action on the certificates of a key v...	BuiltInRole	Security	View
Key Vault Contributor	Lets you manage key vaults, but not access to t...	BuiltInRole	Security	View
Key Vault Crypto Officer	Perform any action on the keys of a key vault, e...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Read metadata of keys and perform wrap/unwr...	BuiltInRole	Security	View
Key Vault Crypto Servi...	Release keys. Only works for key vaults that use...	BuiltInRole	None	View
Key Vault Crypto User	Perform cryptographic operations using keys. O...	BuiltInRole	Security	View
Key Vault Data Access ...	Manage access to Azure Key Vault by adding or...	BuiltInRole	None	View
Key Vault Reader	Read metadata of key vaults and its certificates,...	BuiltInRole	Security	View
Key Vault Secrets Officer	Perform any action on the secrets of a key vault...	BuiltInRole	Security	View
Key Vault Secrets User	Read secret contents. Only works for key vaults ...	BuiltInRole	Security	View
Log Analytics Contribu...	Log Analytics Contributor can read all monitori...	BuiltInRole	Analytics	View
Log Analytics Reader	Log Analytics Reader can view and search all m...	BuiltInRole	Analytics	View

[Review + assign](#) [Previous](#) [Next](#) [Feedback](#)

20. Click "Managed identity"

Add role assignment ...

[Role](#) [Members](#) [Conditions](#) [Review + assign](#)

Selected role

Key Vault Secrets User

Assign access to

- ☒ User, group, or service principal
☐ Managed identity

Members

+ Select members

Name	Object ID	Type
No members selected		

Description

Optional



21. Click "Select members"

Role **Members** Conditions Review + assign

Selected role

Key Vault Secrets User

Assign access to

- ☐ User, group, or service principal
☒ Managed identity

Members

+ Select members

Name	Object ID	Type
No members selected		

Description

Optional

22. Click the drop down to filter the list of Managed Identities.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > mrg-datacapsule-20250929092011 > keyvault-zl

Add role assignment

Role **Members** Conditions Review + assign

Selected role
Key Vault Secrets User

Assign access to
☐ User, group, or service principal
☒ Managed identity

Members
+ Select members

Name Object ID

No members selected

Select managed identities

Some results might be hidden due to your ABAC condition.

Subscription *
BizApps Unlocked Test

Managed identity
Select

Search by name



23. Click "App Service (1)"

Some results might be hidden due to your ABAC condition.

Role **Members** Conditions Review + assign

Selected role
Key Vault Secrets User

Assign access to
☐ User, group, or service principal
☒ Managed identity

Members
[+ Select members](#)

Name	Object ID
No members selected	

Description
Optional

Subscription *
BizApps Unlocked Test

Managed identity
Select

Search by resource type

System-assigned managed identity
All system-assigned managed identities (1)
App Service (1)

Selected members:
No members selected. Search for and add one or more members you want to assign to the role for this resource.

[Learn more about RBAC](#)

24. Click the App Service added by DataCapsule.

Add role assignment ...

Role **Members** Conditions Review + assign

Selected role
Key Vault Secrets User

Assign access to
☐ User, group, or service principal
☒ Managed identity

Members
[+ Select members](#)


Name	Object ID
No members selected	

Description
Optional

Subscription *
BizApps Unlocked Test

Managed identity
App Service (1)

Search by name

 datacapsuleguide-ser-zhmr463e7qw
/subscriptions/f806e85a-a51b-4dff-871b-f2a22a34d82d/resourceGroups/mrg-dat...

Selected members:
No members selected. Search for and add one or more members you want to assign to the role for this resource.



25. Click "Select"

Members


[+ Select members](#)

Name	Object ID
No members selected	

Description

Optional

Selected members:

 datacapsuleguide-ser-zhmlr463e7qw
/subscriptions/f806e85a-a51b-4dff-871b-f2a22a34d82d/resourceGroups/...

[Remove](#)


Review + assign

Previous

Next

Select

Close

 [Feedback](#)

26. Click "Review + assign"

Members

[+ Select members](#)

Name	Object ID	Type
datacapsuleguide-ser-zhmlr463e7...	36d762ca-3ba7-4fc4-8245-4c0abde...	App Service ⓘ


Description

Optional

Review + assign

Previous

Next

 [Feedback](#)



27. Click "Review + assign"

Members

Name	Object ID	Type
datacapsuleguide-ser-zhmwlr463e7qw	36d762ca-3ba7-4fc4-8245-4c0abde4b64b	App Service ①

Description

No description

Review + assign

Previous

Next

Feedback

28. Click the name of the resource group to go back to the list of resources.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

Home > Subscriptions > BizApps Unlocked Test | Resource groups > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw

keyvault-zhmwlr463e7qw | Access control (IAM) ☆ ...

Key vault

Search

+ Add Download role assignments Edit columns Refresh Delete

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Access policies

Resource visualizer

Events

Objects

Keys

Secrets

Action required: 1 user has elevated access in your tenant. You should take immediate action and remove all role assignments with elevated access. [View role assignments](#)

Check access Role assignments Roles Deny assignments Classic administrators

My access

View my level of access to this resource.

View my access

Check access

Review the level of access a user, group, service principal, or managed identity has to this resource. [Learn more](#)

Check access



Create Application Registration in Azure

1. Navigate to the Registered Apps section of Entra

IDhttps://portal.azure.com/#view/Microsoft_AAD_IAM/ActiveDirectoryMenuBlade/~/RegisteredApps

Overview
Preview features
Diagnose and solve problems
Manage
Users
Groups
External Identities
Roles and administrators
Administrative units
Delegated admin partners
Enterprise applications
Devices
App registrations
Identity Governance
Application proxy
Custom security attributes

Starting June 30th, 2020 we will no longer add any new features to Azure Active Directory Authentication Library (ADAL) and Azure Active Directory Graph. We will continue to provide technical support and security updates but we will no longer provide feature updates. Applications will need to be upgraded to Microsoft Authentication Library (MSAL) and Microsoft Graph. [Learn more](#)

All applications Owned applications Deleted applications

Start typing a display name or application (client) ID to filter these results Add filters

42 applications found

Display name	Application (client) ID	Created on	Certificates & secrets
AutomationTestingApp...	2c1f976b-b9b5-4d00-...	6/17/2024	Expired
CS Case Followup and ...	b13f3738-a03f-4c6e-a...	2/24/2025	-
CS Case Followup and ...	91530573-9c79-45bd-...	3/10/2025	-
CSKnowledgeHarvestV...	e9b733b5-8e22-4c0c-...	11/24/2024	-
CSKnowledgeHarvestV...	754e2d9a-36e2-41a4-...	11/24/2024	-
Customer Service Copil...	a0a01a57-cd0c-4b1d-...	9/8/2024	-
Customer Service Copil...	63975755-f8ea-42f9-a...	5/1/2024	-
D365 Sales Agent - Cn...



2. Click "New registration"

The screenshot shows the Microsoft Azure portal interface. At the top, there's a blue header with the Microsoft Azure logo, a search bar, and a Copilot button. Below the header, the breadcrumb trail reads "Home > BizApps Unlocked Test". The main heading is "BizApps Unlocked Test | App registrations". On the left, there's a sidebar with navigation options: Overview, Preview features, Diagnose and solve problems, and a Manage section with sub-items like Users, Groups, External Identities, Roles and administrators, Administrative units, Delegated admin partners, and Enterprise applications. The main content area has a top bar with tabs: "New registration" (highlighted with an orange circle), Endpoints, Troubleshoot, Refresh, and Download. Below the tabs, there's a notification banner about ADAL and Azure Active Directory Graph. Underneath, there are tabs for "All applications", "Owned applications", and "Deleted applications". A search bar is present with the text "Start typing a display name or application (client) ID to filter these r...". Below the search bar, it says "42 applications found". A table lists applications with columns: Display name, Application (client) ID, Created on, and Certificates & secrets. Two applications are visible: "AutomationTestingApp..." and "CS Case Followup and ...".

3. Type in a name for the Registered App and then click Register.

The screenshot shows the "New registration" form in the Microsoft Azure portal. It starts with four radio button options for account types: "Accounts in this organizational directory only (BizApps Unlocked Test only - Single tenant)" (selected), "Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant)", "Accounts in any organizational directory (Any Microsoft Entra ID tenant - Multitenant) and personal Microsoft accounts (e.g. Skype, Xbox)", and "Personal Microsoft accounts only". Below these is a link "Help me choose...". The next section is "Redirect URI (optional)", with a text box for the URI and a "Select a platform" dropdown. Below this is a note: "We'll return the authentication response to this URI after successfully authenticating the user. Providing this now is optional and it can be changed later, but a value is required for most authentication scenarios." Then, there's a text box for the URI with the placeholder "e.g. https://example.com/auth". Below that is a note: "Register an app you're working on here. Integrate gallery apps and other apps from outside your organization by adding from Enterprise applications." At the bottom, there's a checkbox for "By proceeding, you agree to the Microsoft Platform Policies" and a blue "Register" button. An orange arrow points from the "Register" button to the checkbox text.



4. Click "API permissions"

Microsoft Azure | Search resources, services, and docs (G+)

Home > BizApps Unlocked Test | App registrations >

DataCapsuleGuide-AppReg

Search | Delete | Endpoints | Preview features

- Overview
- Quickstart
- Integration assistant
- Diagnose and solve problems
- Manage
 - Branding & properties
 - Authentication
 - Certificates & secrets
 - Token configuration
 - API permissions**
 - Expose an API

Essentials

Display name	: DataCapsuleGuide-AppReg
Application (client) ID	: 30747d36-785c-4697-bcc2-c2e7524127...
Object ID	: fc4449ca-b18d-4bd8-96a9-0f03b4e69f8a
Directory (tenant) ID	: 0434c1ea-7cba-4e6c-93fe-475bb77f6ef6
Supported account types	: My organization only
Client credentials	: Add a certificate or secret
Redirect URIs	: Add a Redirect URI
Application ID URI	: Add an Application ID URI
Managed application in local directory	: DataCapsuleGuide-AppReg

Welcome to the new and improved App registrations. Looking to learn how it's changed from App registrations (Legacy)? [Learn more](#)

5. Click "Add a permission"

Overview | Quickstart | Integration assistant | Diagnose and solve problems | Manage | Branding & properties | Authentication | Certificates & secrets | Token configuration | **API permissions** | Expose an API | App roles | Owners | Roles and administrators | Manifest | Support + Troubleshooting

Granting tenant-wide consent may revoke permissions that have already been granted tenant-wide for that application. Permissions that users have already granted on their own behalf aren't affected. [Learn more](#)

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

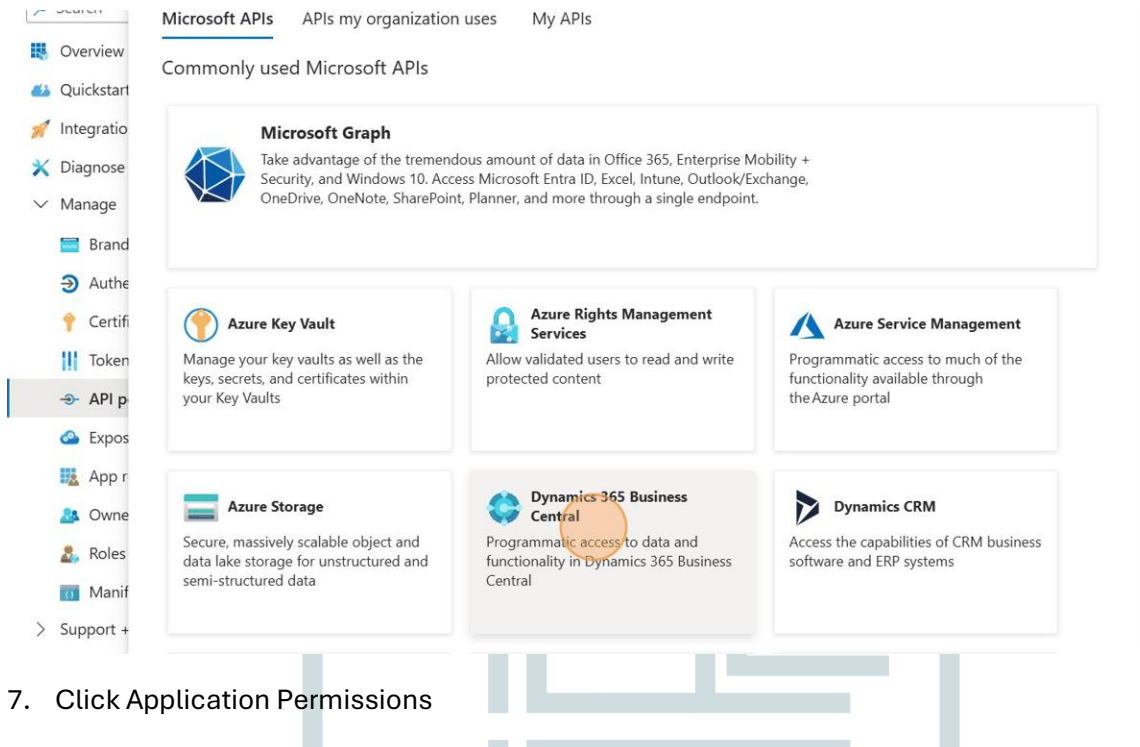
+ Add a permission ✓ Grant admin consent for BizApps Unlocked Test

API / Permissions name	Type	Description	Admin con:
Microsoft Graph (1)			
User.Read	Delegated	Sign in and read user profile	No

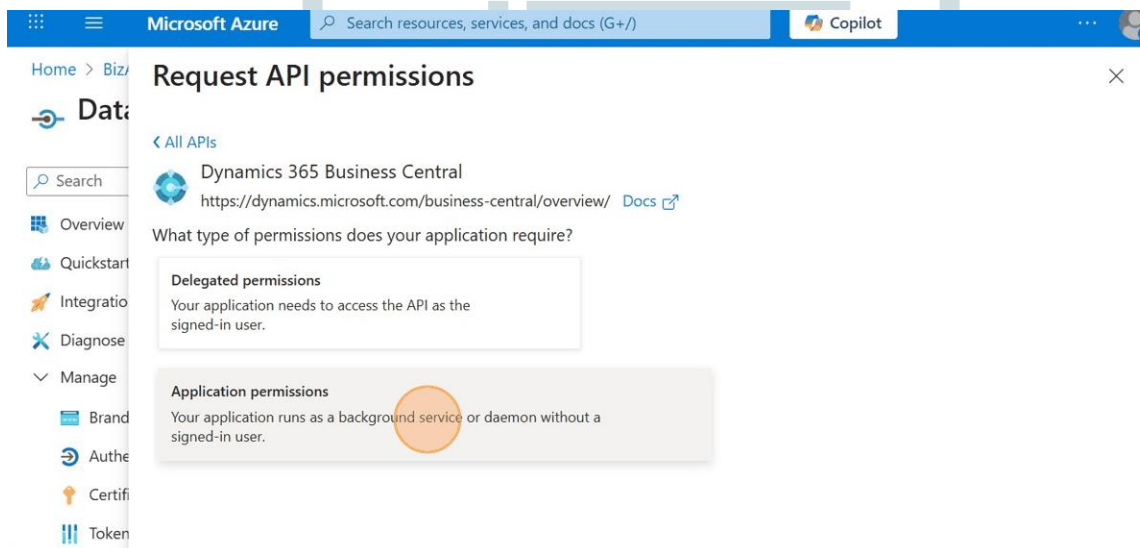
To view and manage consented permissions for individual apps, as well as your tenant's consent settings, try



6. Click "Dynamics 365 Business Central Programmatic access to data and functionality in Dynamics 365 Business Central"



7. Click Application Permissions





8. Click here.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

Select permissions [expand all](#)

Start typing a permission to filter these results

Permission	Admin consent required
Other permissions	
<input checked="" type="checkbox"/> app_access ⓘ Access according to the application's permissions in Dynamics 365 Business Central	Yes
AdminCenter	
<input type="checkbox"/> AdminCenter.ReadWrite.All ⓘ Full access to Admin Center API	Yes
API	
<input type="checkbox"/> API.ReadWrite.All ⓘ Full control of the API	Yes

9. Click here.

Application permissions

Your application runs as a background service or daemon without a signed-in user.

Select permissions [expand all](#)

Start typing a permission to filter these results

Permission	Admin consent required
Other permissions (1)	
<input checked="" type="checkbox"/> app_access ⓘ Access according to the application's permissions in Dynamics 365 Business Central	Yes
AdminCenter	
<input type="checkbox"/> AdminCenter.ReadWrite.All ⓘ Full access to Admin Center API	Yes
API	
<input type="checkbox"/> API.ReadWrite.All ⓘ Full control of the API	Yes

[Add permissions](#) [Discard](#)

Add or remove fav



10. Click "Add permissions"

your application runs as a background service or custom process signed-in user.

Select permissions [expand all](#)

Start typing a permission to filter these results

Permission	Admin consent required
Other permissions (1)	
<input checked="" type="checkbox"/> app_access ⓘ Access according to the application's permissions in Dynamics 365 Business Central	Yes
AdminCenter (1)	
<input checked="" type="checkbox"/> AdminCenter.ReadWrite.All ⓘ Full access to Admin Center API	Yes
API	
<input type="checkbox"/> API.ReadWrite.All ⓘ Full access to the API	Yes

[Add permissions](#) [Discard](#)

Add or remove favorite permissions

11. Click "Grant admin consent for BizApps Unlocked Test"

Quickstart

Integration assistant

Diagnose and solve problems

Manage

- Branding & properties
- Authentication
- Certificates & secrets
- Token configuration
- API permissions**
- Expose an API
- App roles
- Owners
- Roles and administrators
- Manifest

Support + Troubleshooting

previously.

Granting tenant-wide consent may revoke permissions that have already been granted tenant-wide for that application. Permissions that users have already granted on their own behalf aren't affected. [Learn more](#)

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

[+ Add a permission](#) [✓ Grant admin consent for BizApps Unlocked Test](#)

API / Permissions name	Type	Description	Admin consent required
Dynamics 365 Business Central			
AdminCenter.ReadWrite.All	Application	Full access to Admin Center API	Yes
app_access	Application	Access according to the application's permission...	Yes



12. Click "Yes"

Microsoft Azure | Search resources, services, and docs (G+/) | Copilot

Home > BizApps Unlocked Test | App registrations > DataCapsuleGuide-AppReg

DataCapsuleGuide-AppReg | API permissions

Search Refresh Got feedback?

- Overview
- Quickstart
- Integration assistant
- Diagnose and solve problems
- Manage
 - Branding & properties
 - Authentication

Grant admin consent confirmation.
Do you want to grant consent for the requested permissions for all accounts in BizApps Unlocked Test? This will update any existing admin consent records this application already has to match what is listed below.
Yes No

The "Admin consent required" column shows the default value for an organization. However, user consent

13. Click "Certificates & secrets"

Microsoft Azure | Search resources, services, and docs (G+/) | Copilot

Home > BizApps Unlocked Test | App registrations > DataCapsuleGuide-AppReg

DataCapsuleGuide-AppReg | Certificates & secrets

Search Refresh Got feedback?

- Overview
- Quickstart
- Integration assistant
- Diagnose and solve problems
- Manage
 - Branding & properties
 - Authentication
 - Certificates & secrets**
 - Token configuration

Successfully granted admin consent for the requested permissions.

Granting tenant-wide consent may revoke permissions that have already been granted tenant-wide for that application. Permissions that users have already granted on their own behalf aren't affected. [Learn more](#)

The "Admin consent required" column shows the default value for an organization. However, user consent can be customized per permission, user, or app. This column may not reflect the value in your organization, or in organizations where this app will be used. [Learn more](#)

Configured permissions

Applications are authorized to call APIs when they are granted permissions by users/admins as part of the consent process. The list of configured permissions should include all the permissions the application needs. [Learn more about permissions and consent](#)

+ Add a permission ✓ Grant admin consent for BizApps Unlocked Test

API / Permissions name	Type	Description	Admin con:
▼ Dynamics 365 Business Cent			
AdminCenter.ReadWrite	Application	Full access to Admin Center API	Yes



14. Click "New client secret"

Search Got feedback?

- Overview
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- Integration assistant
- Diagnose and solve problems
- Manage
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 - Certificates & secrets**
 - Token configuration
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- Support + Troubleshooting

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (0)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value ⓘ	Secret ID
No client secrets have been created for this application.			

15. Adding a name is not required. Click "Add"

Branding & properties

Authentication

Certificates & secrets

Token configuration

API permissions

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App roles

Owners

Roles and administrators

Manifest

Support + Troubleshooting

Certificates (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

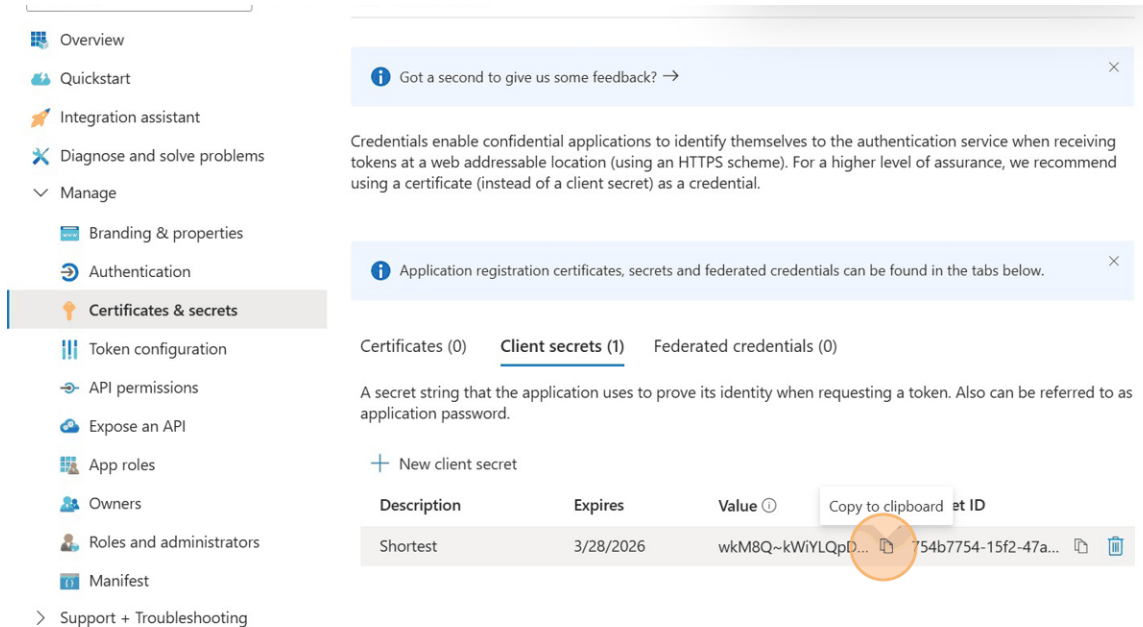
Description
No client secrets have been created for this application.

Add Cancel

Add or remove favorites by pressing Ctrl+Shift+F



16. Copy the secret and save it to a notepad window for later use. Ideally, if you have a password management system the secret will be added to that.



The screenshot shows the 'Certificates & secrets' page in the Azure portal. The left sidebar contains a navigation menu with options: Overview, Quickstart, Integration assistant, Diagnose and solve problems, Manage, Branding & properties, Authentication, Certificates & secrets (selected), Token configuration, API permissions, Expose an API, App roles, Owners, Roles and administrators, Manifest, and Support + Troubleshooting. The main content area has a blue header bar with a feedback link. Below it, a paragraph explains that credentials enable confidential applications to identify themselves to the authentication service. A second blue bar states that application registration certificates, secrets, and federated credentials can be found in the tabs below. There are three tabs: 'Certificates (0)', 'Client secrets (1)' (selected), and 'Federated credentials (0)'. A description of a secret string is provided. A '+ New client secret' button is visible. Below is a table with columns: Description, Expires, Value, and an action column. The table contains one row with the description 'Shortest', an expiration date of '3/28/2026', and a value starting with 'wkM8Q~kWiYLQpD...'. The 'Value' column has a 'Copy to clipboard' button and a 'Secret ID' column with the value '754b7754-15f2-47a...'. A large, faint, light blue watermark of the BizApps UNLOCKED logo is overlaid on the bottom half of the screenshot.

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Got a second to give us some feedback? →

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (1)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value ⓘ	Copy to clipboard	Secret ID
Shortest	3/28/2026	wkM8Q~kWiYLQpD...		754b7754-15f2-47a...



17. Click "Overview"

Microsoft Azure Search resources, services, and docs (G+)

Home > BizApps Unlocked Test | App registrations > DataCapsuleGuide-AppReg

DataCapsuleGuide-AppReg | Certificates & secrets

Search

Overview

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App roles

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Manifest

Support + Troubleshooting

Got feedback?

Got a second to give us some feedback? →

Credentials enable confidential applications to identify themselves to the authentication service when receiving tokens at a web addressable location (using an HTTPS scheme). For a higher level of assurance, we recommend using a certificate (instead of a client secret) as a credential.

Application registration certificates, secrets and federated credentials can be found in the tabs below.

Certificates (0) **Client secrets (1)** Federated credentials (0)

A secret string that the application uses to prove its identity when requesting a token. Also can be referred to as application password.

+ New client secret

Description	Expires	Value	Secret ID
Shortest	3/28/2026		754b7754-15f2-47a...

18. Copy the Application (client) Id for later use.

This should also be saved to your password management system.

Microsoft Azure Search resources, services, and docs (G+)

Home > BizApps Unlocked Test | App registrations >

DataCapsuleGuide-AppReg

Search

Delete Endpoints Preview features

Overview

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Authentication

Certificates & secrets

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API permissions

Essentials

Display name	: DataCapsuleGuide-AppReg
Application (client) ID	: 30747d36-785c-4697-bcc2-c2e7524127...
Object ID	: fc4449ca-b18d-4bd8-96a9-0f03b4e69f8a
Directory (tenant) ID	: 0434c1ea-7cba-4e6c-93fe-475bb77f6ef6
Supported account types	: My organization only
Client credentials	: 0 certificate, 1 secret
Redirect URIs	: Add a Redirect URI
Application ID URI	: Add an Application ID URI
Managed application in local directory	: DataCapsuleGuide-AppReg

Copy to clipboard



App Registration to BC

1. Navigate to the Business Central Admin Center. The URL is:
<https://businesscentral.dynamics.com/{YOUR-TENANT-ID}/admin>

This screenshot shows the Business Central Admin Center interface. On the left is a dark sidebar with navigation options: "Microsoft Entra Apps" (selected), "Telemetry", "Reported Outages", "Operations", and "Capacity". The main content area displays a table of applications. The table has columns for Name, Application Family, Type, State, Country/region, and Count. One application is listed: "Production" (with a link icon), "Business Central", "Production", "Active", "US", and a count of 26. Below the table is a section titled "Essentials" containing a "Service health" card that shows a green checkmark and the text "0 incidents or advisories."

2. Click "Microsoft Entra Apps"

This screenshot shows the Business Central Admin Center interface with the "Environments" tab selected in the left sidebar. The sidebar also includes "Notification Recipients", "Microsoft Entra Apps" (highlighted with an orange circle), "Telemetry", "Reported Outages", "Operations", and "Capacity". The main content area shows the "Environments" section with a table of applications. The table has columns for Name, Application Family, Type, State, Country/region, and Count. One application is listed: "Production" (with a link icon), "Business Central", "Production", "Active", "US", and a count of 26. Below the table is a section titled "Essentials" containing a "Service health" card that shows a green checkmark and the text "0 incidents or advisories."



3. Click "Authorize Microsoft Entra app"

A screenshot of the Dynamics 365 Business Central admin center. The left sidebar shows the navigation menu with "Microsoft Entra Apps" selected. The main content area shows the "Authorized Microsoft Entra Apps" section. At the top, there are buttons for "+ Authorize Microsoft Entra app", "Remove Microsoft Entra app", and "Refresh". Below these is a warning message: "Authorized app(s) listed below can manage your environments using the Business Central admin center API. Please ensure only apps you trust are authorized. Go to [Microsoft Learn](#) for more information." Below the warning is a table with two columns: "Application (Client) ID" and "Admin Consent". The table contains two rows of data. The first row has the ID "2c1f976b-b9b5-4d00-b0cc-90f51c2..." and the consent "Granted". The second row has the ID "1aa69428-a1cc-496a-b1e4-f8da0e3..." and a "Grant" button with a checkmark icon.

Application (Client) ID	Admin Consent
2c1f976b-b9b5-4d00-b0cc-90f51c2...	Granted
1aa69428-a1cc-496a-b1e4-f8da0e3...	Grant ✓

4. Click the "Application (Client) ID" field.

A screenshot of the "Authorize Microsoft Entra App" dialog box. The dialog box is titled "Authorize Microsoft Entra App" and has a close button (X) in the top right corner. Below the title is a warning message: "Authorized app(s) listed below only apps you trust are authorized." Below the warning is a table with two columns: "Application (Client) ID" and "Admin Consent". The table contains two rows of data. The first row has the ID "2c1f976b-b9b5-4d00-b0cc-90f..." and the consent "Granted". The second row has the ID "1aa69428-a1cc-496a-b1e4-f8d..." and a "Grant" button with a checkmark icon. Below the table is a form field labeled "Application (Client) ID *" with a text input box. An orange circle highlights the text input box.

Authorize a Microsoft Entra app to use the Business Central admin center API, allowing it to execute environment lifecycle operations against all Business Central environments in your Microsoft Entra tenant. [Learn more](#)

Application (Client) ID *



5. Paste the AppId created earlier.

The screenshot shows the Dynamics 365 Business Central admin center interface. On the left is a dark sidebar with navigation links: Environments, Notification Recipients, Microsoft Entra Apps (highlighted), Telemetry, Reported Outages, Operations, and Capacity. The main content area is titled "Dynamics 365 Business Central admin center" and features a modal dialog titled "Authorize Microsoft Entra App". The dialog has a close button (X) in the top right corner. Inside the dialog, there is a section titled "Authorized Microsoft Entra Apps" with a sub-header "Authorized app(s) listed below only apps you trust are authorized". Below this is a table with two columns: "Application (Client) ID" and "Application (Client) ID". The table contains two rows of application IDs: "2c1f976b-b9b5-4d00-b0cc-90f..." and "1aa69428-a1cc-496a-b1e4-f8d...". To the right of the table is a text input field labeled "Application (Client) ID *" with a red asterisk indicating it is required. Below the input field are two buttons: "Save" and "Cancel".

Authorized Microsoft Entra Apps

Authorized app(s) listed below only apps you trust are authorized

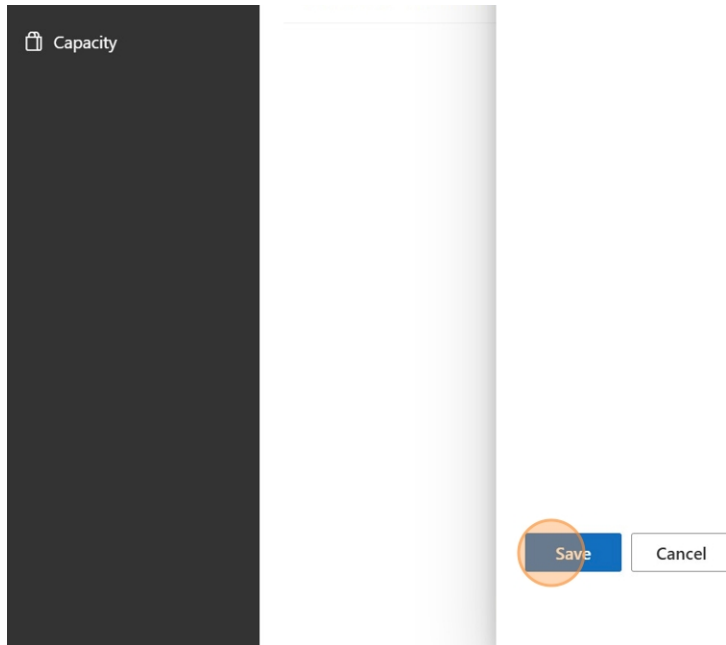
Application (Client) ID	Application (Client) ID
2c1f976b-b9b5-4d00-b0cc-90f...	
1aa69428-a1cc-496a-b1e4-f8d...	

Application (Client) ID *

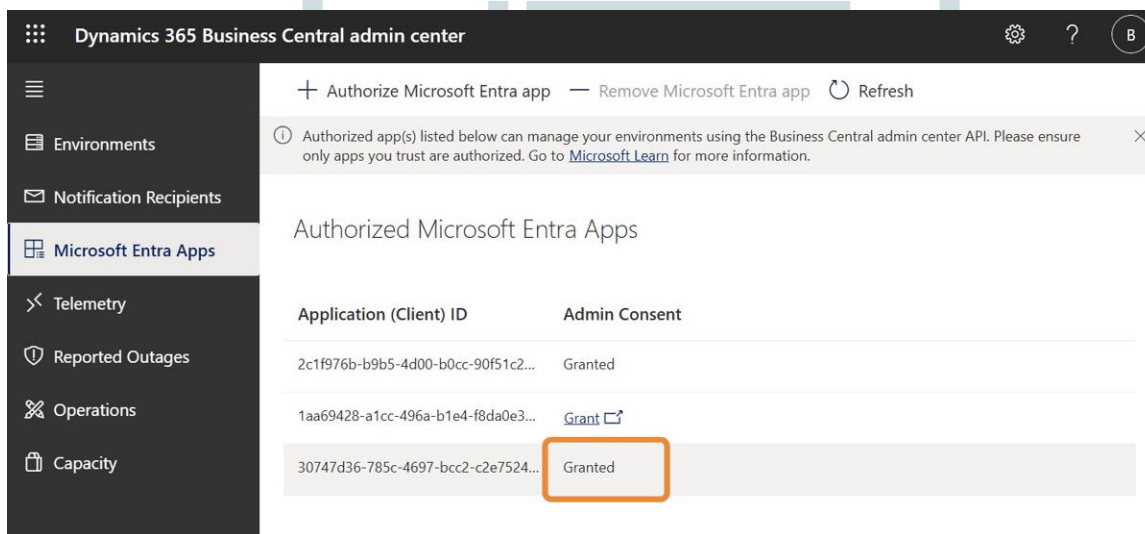
Save Cancel



6. Click "Save"



7. Make sure the "Admin Consent" field shows "Granted". It should show granted because we granted Admin Consent on the permissions above.





8. Click "Environments"

The screenshot shows the Dynamics 365 Business Central admin center interface. The left-hand navigation pane is visible, with the 'Environments' menu item highlighted by a red circle. The main content area shows the 'Authorized Microsoft Entra Apps' section, which includes a table of authorized applications and their admin consent status. A red circle highlights the 'Environments' menu item in the left sidebar.

Dynamics 365 Business Central admin center

Authorized Microsoft Entra Apps

Application (Client) ID	Admin Consent
2c1f976b-b9b5-4d00-b0cc-90f51c2...	Granted
1aa69428-a1cc-496a-b1e4-f8da0e3...	Grant
30747d36-785c-4697-bcc2-c2e7524...	Granted

9. Click the name of the environment to be backed up. Note: only production environments can be exported.

The screenshot shows the Dynamics 365 Business Central admin center interface. The left-hand navigation pane is visible, with the 'Environments' menu item highlighted by a red circle. The main content area shows the 'Environments' section, which includes a table of environments. The 'Production' environment is highlighted by a red circle. The table has columns for Name, Application Family, Type, State, Country/regi..., and C...

Dynamics 365 Business Central admin center

Environments

Name	Application Family	Type	State	Country/regi...	C...
Production	Business Central	Production	Active	US	26



10. Click the link to open the environment in Business Central.

A screenshot of the Dynamics 365 Business Central 'Environments' page. The left sidebar shows a menu with 'Environments' selected. The main content area shows the 'Production' environment details. A red circle highlights the 'URL' field at the bottom of the details table.

Details			Active ⓘ
Name	Application Family	Country/region	
Production	Business Central	US	
Azure Region	Type	Partner Access ⓘ	
United States	Production	All Partners (Modify)	
Security Group	Access with Microsoft 365 Licenses ⓘ	Telemetry ⓘ	
Not Set (Define)	Off (Modify)	InstrumentationKey=61c521de-****-****-****-*****;IngestionEndpoint=https://eastus-8.in.applicationinsights.azure.com/LiveEndpoint=https://eastus.livediagnostics.monitor.azure.com/	
URL https://businesscentral.dynamics.com/0434c1ea-7cba-4e6c-93fe-475bb77f6ef6/Production			

11. Business Central will open. Click on the magnifying glass in the top navigation bar.

A screenshot of the Dynamics 365 Business Central home page. The top navigation bar shows the 'Dynamics 365 Business Central' title and a magnifying glass icon. Below the navigation bar, the company name 'CRONUS USA, Inc.' is displayed, followed by a list of modules: Finance, Cash Management, Sales, and Purchasing. A 'Get started' banner is visible at the bottom, with a 'Show demo tours' button.

Dynamics 365 Business Central

CRONUS USA, Inc. | < Finance Cash Management Sales Purchasing > | PA SO

Customers Vendors Items Bank Accounts Chart of Accounts

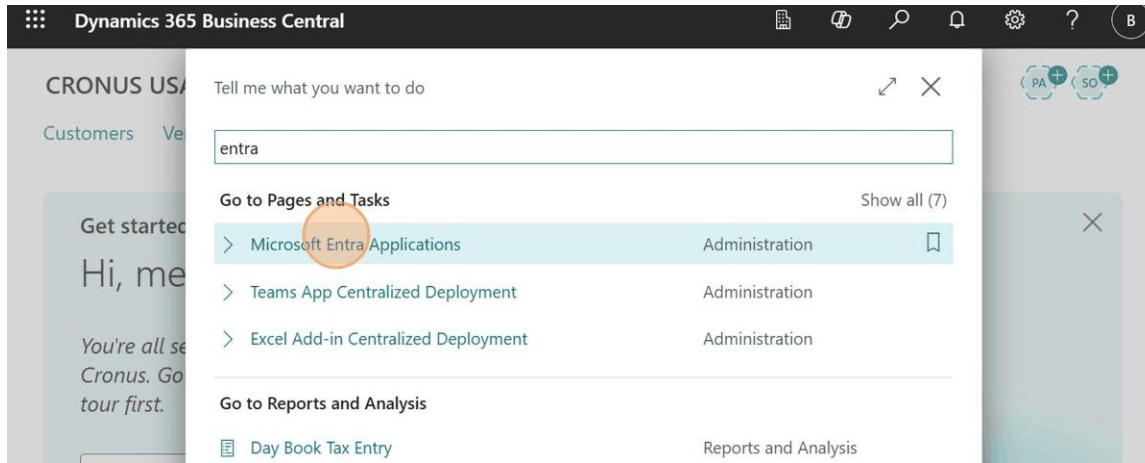
Get started
Hi, meet Business Central!

You're all set to try out our demo company, Cronus. Go explore on your own, or take a quick tour first.

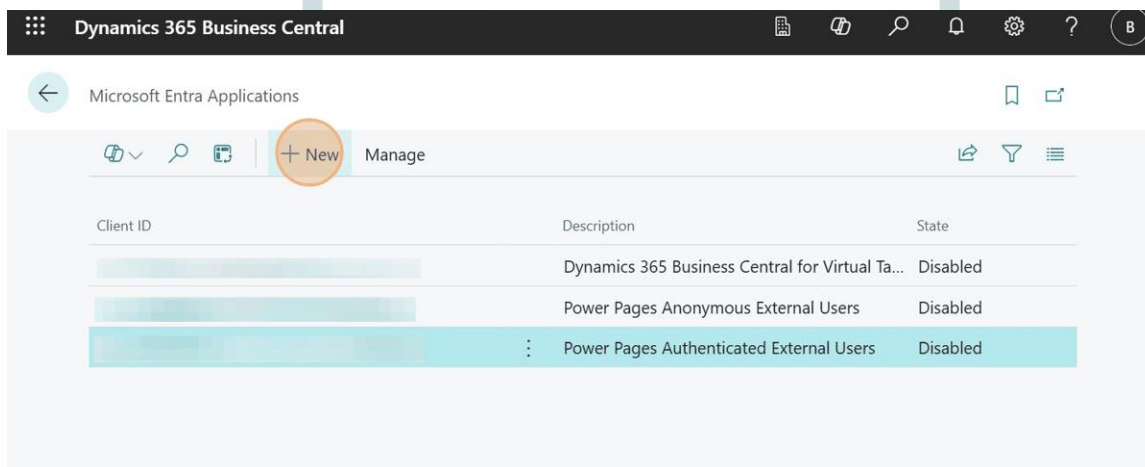
Show demo tours



12. Start typing Entra Application. Then when "Microsoft Entra Application" opens click "Microsoft Entra Applications"



13. Click "New"





14. Paste the Client/Application ID from above.

Dynamics 365 Business Central

Microsoft Entra Application Card

[Grant Consent](#) | [More options](#)

General

Client ID	<input type="text" value="'85c-4697-bcc2-c2e7524127ed"/>	User information	
Description	<input type="text" value="*"/>	User ID	<input type="text" value="{00000000-0000-0000-0000-0000-..."/>
State	<input type="text" value="Disabled"/>	User Name	<input type="text" value=""/>
Contact Information	<input type="text" value=""/>	User Telemetry ID	<input type="text" value="{00000000-0000-0000-0000-0000-..."/>

Extension

App ID	<input type="text" value="{00000000-0000-0000-0000-0000-..."/>
App Name	<input type="text" value=""/>

User Permission Sets

[New Line](#) [Delete Line](#) [Permissions](#)

Permission Set	Description	Company	Extension Name	Permission Scope
→	⋮			



15. Enter a descriptive name for the application.

This screenshot shows the "Microsoft Entra Application Card" configuration page. At the top, there are navigation icons: a back arrow, a pencil, a share icon, a plus sign, a trash can, and a refresh icon. The title "Microsoft Entra Application Card" is prominently displayed. Below the title, there are two tabs: "Grant Consent" (active) and "More options". The "General" section is expanded, showing fields for Client ID (85c-4697-bcc2-c2e7524127ed), Description (with a red asterisk and an orange circle highlighting the dropdown arrow), State (Disabled), Contact Information, User information (User ID, User Name, User Telemetry ID), Extension (App ID, App Name), and a "User Permission Sets" table with buttons for "New Line", "Delete Line", and "Permissions".

16. Click the State drop down and select the "Enabled" option.

This screenshot shows the same "Microsoft Entra Application Card" configuration page, but with the "State" dropdown menu open and "Enabled" selected (highlighted with an orange circle). The "Description" field now contains the text "DataCapsuleBackup". The "Client ID" field now contains the text "{30747d36-785c-4697-bcc2-c2". The "User information" section shows "User ID" as "{00000000-0000-0000-0000-...", "User Name" as "", and "User Telemetry ID" as "{00000000-0000-0000-0000-...". The "Extension" section shows "App ID" as "{00000000-0000-0000-0000-..." and "App Name" as "". The "User Permission Sets" table is still visible at the bottom.



17. Click "Yes"

A screenshot of the BizApps user creation interface. The form includes fields for Client ID, Description, State, Contact Information, Extension, App ID, and App Name. A modal dialog box is displayed in the center, asking for confirmation to create a user named "DataCapsuleBackup". The dialog has a question mark icon and two buttons: "Yes" (highlighted with an orange circle) and "No". Below the dialog, the "User Permission Sets" section is visible, showing a table with columns for Permission Set, Description, Company, Extension Name, and Permission Scope. The table is currently empty.

18. Now we need to add the permission set that allows the back/export to run.

A screenshot of the BizApps user creation interface. The form includes fields for State, Contact Information, Extension, App ID, and App Name. The State field is set to "Enabled" (highlighted with an orange circle). The User Name field is set to "DATACAPSULEBACKUP". The User Telemetry ID field is set to "{dfcf759b-5d36-429a-ba11-...}". A message below the form states: "You must set the State field to Disabled before you can ma...". Below the form, the "User Permission Sets" section is visible, showing a table with columns for Permission Set, Description, Company, Extension Name, and Permission Scope. The table is currently empty.



19. Click the ellipsis.

State Enabled ▾ User Name DATACAPSULEBACKUP

Contact Information User Telemetry ID {dfcf759b-5d36-429a-ba11-...

Extension

App ID {00000000-0000-0000-0000-...}

App Name

You must set the State field to Disabled before you can ma...

◀ ▶

User Permission Sets [New Line] [Delete Line] [Permissions] [Share] [Print]

Permission Set ↑	Description	Company ↑	Extension Name	Permission Scope
→ [Ellipsis]				

20. Open the search drop down.

Dynamics 365 Business Central

Microsoft Entra Application Card

DataCapsuleBackup

✓ Saved

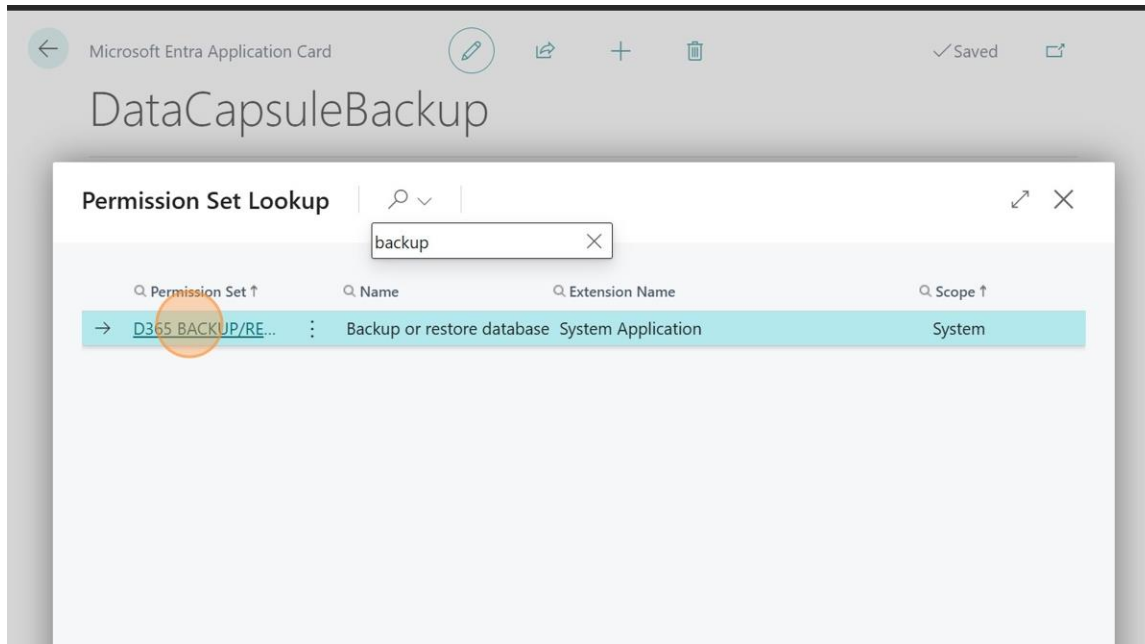
Permission Set Lookup [Search] [Close]

Permission Set ↑	Name	Extension Name	Scope ↑
→ ADD RELATED FIE...	Add Fields in Analysis M...	System Application	System
ADMINISTRATOR	Create and set up compa...	Base Application	System
AGENT - ADMIN	Agent administrator	Base Application	System
AUDIT EXPORT - E...	AUDIT EXPORT - EDIT	Audit File Export	System
AUDIT EXPORT - ...	AUDIT EXPORT - READ	Audit File Export	System
AUTOMATE - EXEC	Automate - Exec	System Application	System
BANK DEPOSITS	BANK DEPOSITS	_Exclude_Bank Deposits	System
BUS. FOUND. - A...	Business Foundation - A...	Business Foundation	System

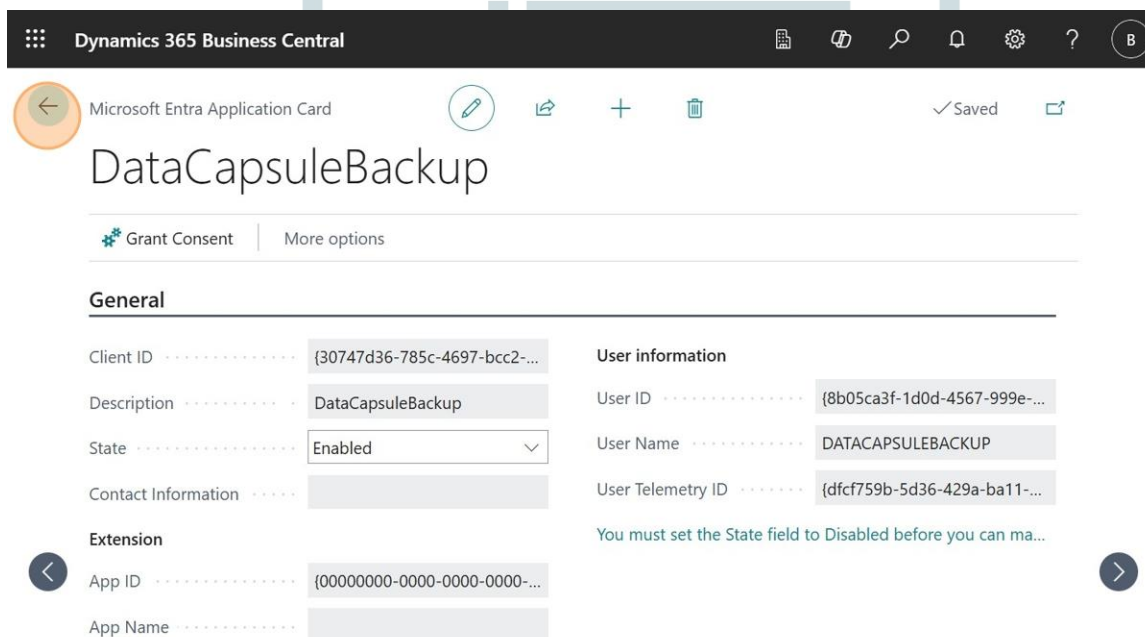


21. Type "backup"

Click "D365 BACKUP/RESTORE"



22. Click the back arrow to go back to the list of Entra Applications.





Authorize Backup in BizApps Unlocked Portal

You should have received an email with a link to the BizApps Unlocked Portal. If you need assistance registering for the portal we have a guide [PLACE-LINK-TO-PORTAL-GUIDE-HERE](#).

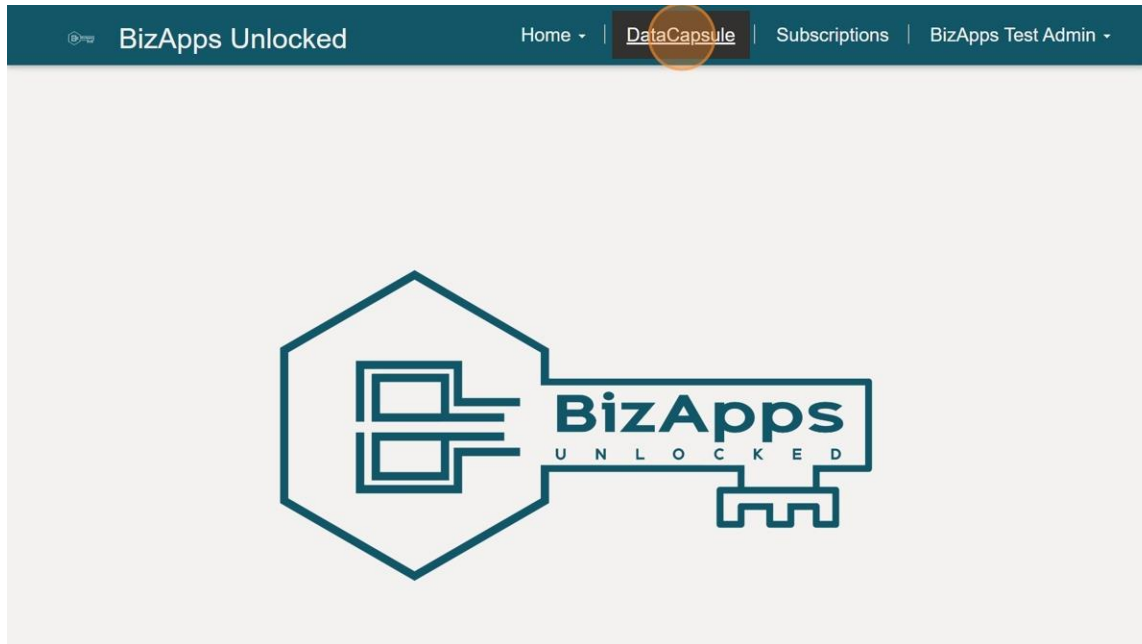
Even if you have an existing login for the BizApps Unlocked portal please use the provided link. This will ensure any new permissions are applied to your login.

1. Navigate to <https://customer.bizappsunlocked.com/>

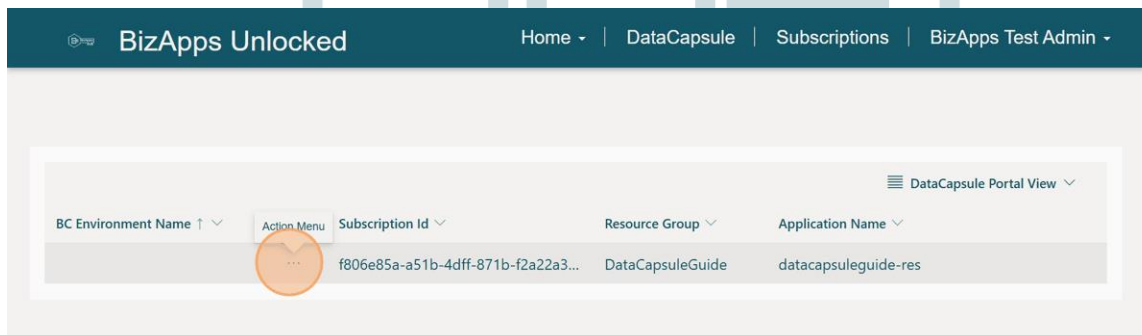




2. Once you have logged in.
Click "DataCapsule"

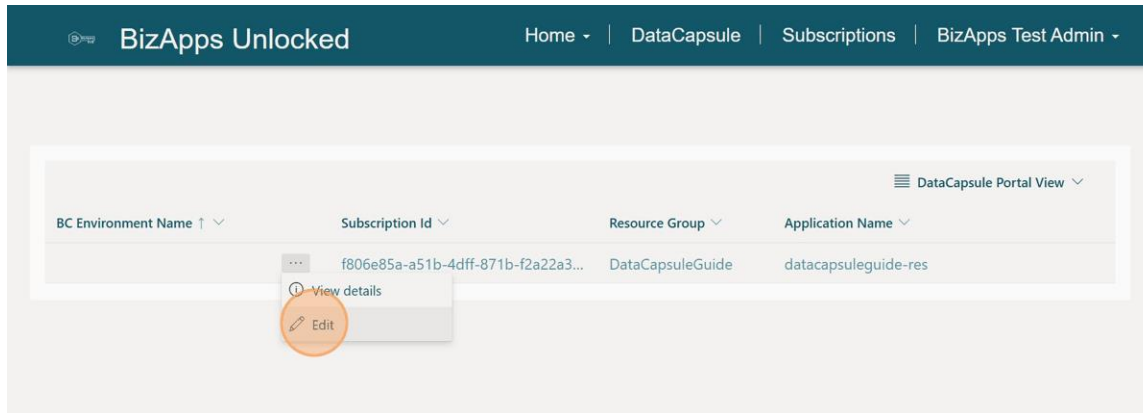


3. The name of the BC Environment is empty because we haven't filled it in yet.
Click the ellipsis in the BC Environment Name column.





4. Click "Edit"



5. Enter the name of the BC Environment.

A screenshot of the DataCapsule configuration form. The form is light gray with a white background. It contains several fields: "Application Name" (datacapsuleguide-res), "Customer Name" (BizApps Unlocked), "BC Environment Name" (empty), "Token" (empty), and "Default File Prefix" (empty). The "BC Environment Name" field is highlighted with an orange circle. Below the "Customer Name" field, there is a note: "The Account Id for the App Service Settings is: f3fed155-7195-f011-b4cc-7c1e52488177".



6. Enter the prefix you want for every backup file. The name will have a suffix that includes the date and time of the backup.

lar

BC Environment Name

Production

Token

—

Default File Prefix

BizAppsUnlockedBackup

Enter the prefix of the file name. The prefix will be followed up with "_yyyyMMddHHmm.bacpac". For example if the prefix is "CompanyBackup" the ending file name will be "CompanyBackup_202501271448.bacpac"

Days to run backup

Select or search options

7. Select the days of the week you want backups to occur.
Remember: Microsoft only allows 10 exports per month.

Enter the prefix of the file name. The prefix will be followed up with "_yyyyMMddHHmm.bacpac". For example if the prefix is "CompanyBackup" the ending file name will be "CompanyBackup_202501271448.bacpac"

Days to run backup

Select or search options

Select all 7 items

Sunday

Monday

Tuesday

Wednesday

Hot Storage Container name



8. Enter the name of the HotStorage Account Container.
Recommended name is "productionexports".

A screenshot of a web-based configuration interface. It has a light gray background with a vertical scrollbar on the right. There are four labeled input fields: "Hot Storage Account Name" (filled with "datacapsuleguidehot"), "Hot Storage Container name" (empty), "Cold Storage Account Name" (filled with "datacapsuleguidecold"), and "Cold Storage Container Name" (empty). An orange circular cursor is positioned over the "Hot Storage Container name" field.

9. Enter the name of the Cold Storage Account Container name. Recommended value is "archive".

A screenshot of the same web-based configuration interface. The "Hot Storage Container name" field is now filled with the text "productionexports". The other fields remain the same: "Hot Storage Account Name" is "datacapsuleguidehot", "Cold Storage Account Name" is "datacapsuleguidecold", and "Cold Storage Container Name" is empty. An orange circular cursor is now positioned over the "Cold Storage Container Name" field.



10. Click submit to save your changes.

A screenshot of a web form. At the top, there is a header bar with the following labels: "Environment", "Export Status", "Cold Archive Status", "Status Reason", and "Created On" with a downward arrow. Below this header is a yellow rectangular box containing the text "There are no records to display." At the bottom left of the form, there is a black button with the word "Submit" in white text. An orange circle is drawn around the "Submit" button.

11. Then open the record again by clicking the name of the BC Environment.

A screenshot of a web application interface. At the top, there is a dark blue header bar with the text "BizApps Unlocked" and navigation links: "Home", "DataCapsule", "Subscriptions", and "BizApps Test Admin". Below the header is a table with the following columns: "BC Environment Name", "Subscription Id", "Resource Group", and "Application Name". The first row of the table has the value "Production" in the "BC Environment Name" column, which is highlighted with an orange circle. The other columns in the first row contain "...", "f806e85a-a51b-4dff-871b-f2a22a3...", "DataCapsuleGuide", and "datacapsuleguide-res". In the top right corner of the table area, there is a link "DataCapsule Portal View" with a downward arrow.



12. Copy the ID of the Account, this is needed later.

Subscription Id
f806e85a-a51b-4dff-871b-f2a22a34d82d

Resource Group
DataCapsuleGuide

Application Name
datacapsuleguide-res

Account *
BizApps Unlocked
The Account Id for the App Service Settings is **f3fed155-7195-f011-b4cc-7c1e52488177**

BC Environment Name
Production



13. Copy the Token, we need this value later.

Apps Unlocked Home | DataCapsule | Subscriptions | BizApps

Subscription Id
f806e85a-a51b-4dff-871b-f2a22a34d82d

Resource Group
DataCapsuleGuide

Application Name
datacapsuleguide-res

Account *
BizApps Unlocked
The Account Id for the App Service Settings is: f3fed155-7195-f011-b4cc-7c1e52488177

BC Environment Name
Production

Token

Default File Name
BizAppsUnlockedBackup



Add Secrets to Key Vault

1. Go back to the Managed Resource Group

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and a Copilot button. The breadcrumb trail indicates the user is in the 'mrg-datcapsule-20250929092011' resource group. The left sidebar contains a navigation menu with options like Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Cost Management, Monitoring, Automation, and Help. The main content area displays the 'Overview' tab for the resource group. It shows essential information such as the subscription (BizApps Unlocked Test), subscription ID, and location (East US 2). Below this, there are sections for 'Tags' and 'Resources'. The 'Resources' section is expanded, showing a table of resources within the group. The table has columns for Name, Type, and Location. The resources listed include 'datacapsuleguide-pre-zhmlr463e7qw' (App Service plan), 'datacapsuleguide-ser-zhmlr463e7qw' (App Service), 'datacapsuleguide-icrld' (Storage account), 'keyvault-zhmlr463e7qw' (Storage account), 'keyvault-zhmlr463e7qw' (Key vault), and 'vnet-zhmlr463e7qw' (Virtual network). The 'keyvault-zhmlr463e7qw' resource is highlighted. At the bottom of the resources list, it says 'Showing 1 - 6 of 6. Display count: auto'. There is also a 'Give feedback' link in the bottom right corner.

2. Open the Keyvault.



Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bizappsunlockedadmin... BIZAPPS UNLOCKED TEST (TRUN...

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res >

mrg-datacapsule-20250929092011

Resource group

Search | Create | Manage view | Delete resource group | Refresh | Export to CSV | Open query | Group by none

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events
- Settings
- Cost Management
- Monitoring
- Automation
- Help

Essentials

Subscription (move): [BizApps Unlocked Test](#)

Subscription ID: [REDACTED]

Deployments: 6 Succeeded

Managed By: [datacapsuleguide-res](#)

Location: East US 2

Tags (edit): [Add tags](#)

Resources | Recommendations

Filter for any field... | Type equals all | Location equals all | Add filter

Name	Type	Location
datacapsuleguide-pre-zhmwlr463e7qw	App Service plan	East US 2
datacapsuleguide-ser-zhmwlr463e7qw	App Service	East US 2
datacapsuleguide-crd	...	East US 2
keyvault-zhmwlr463e7qw	Storage account	East US 2
keyvault-zhmwlr463e7qw	Storage account	East US 2
keyvault-zhmwlr463e7qw	Key vault	East US 2
vnet-zhmwlr463e7qw	Virtual network	East US 2

Showing 1 - 6 of 6. Display count: auto | Give feedback

Add or remove favorites by pressing Ctrl+Shift+F

3. Click "Secrets"

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bizappsunlockedadmin... BIZAPPS UNLOCKED TEST (TRUN...

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 >

keyvault-zhmwlr463e7qw

Key vault

Search | Delete | Move | Refresh | Open in mobile

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Access policies
- Resource visualizer
- Events
- Objects
- Keys**
- Secrets**
- Certificates
- Settings
- Monitoring

Essentials

Resource group (move): [mrg-datacapsule-20250929092011](#)

Location: East US 2

Subscription (move): [BizApps Unlocked Test](#)

Subscription ID: [REDACTED]

Vault URI: <https://keyvault-zhmwlr463e7qw.vault.azure.net/>

Sku (Pricing tier): Standard

Directory ID: 0434c1ea-7cba-4e6c-93fe-475bb77f6ef6

Directory Name: BizApps Unlocked Test

Soft-delete: [Enabled](#)

Purge protection: [Disabled](#)

Tags (edit): [Add tags](#)

Get started | Properties | Monitoring | Tools + SDKs | Tutorials

Manage keys and secrets used by apps and services



4. Click "BCAppId"

Microsoft Azure | Search resources, services, and docs (G+/)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw

keyvault-zhmwlr463e7qw | Secrets

Key vault

Search

+ Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Access policies
- Resource visualizer
- Events
- Objects
- Keys
- Secrets**
- Certificates
- Settings
- Monitoring
- Automation
- Help

Name	Type	Status	Expiration date
BCAppId	string	✓ Enabled	
BcAppSecretKey	string	✓ Enabled	
ClientAccountGuid	string	✓ Enabled	
ClientEnvironmentName	string	✓ Enabled	
ClientToken	string	✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	

5. Click "New Version"

Microsoft Azure | Search resources, services, and docs (G+/)

... > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

BCAppId

Versions

Search

+ New Version Refresh Delete Download Backup

- Overview**
- Access control (IAM)

Version	Status	Activation date	Expiration date
CURRENT VERSION			
f345299b81c245bd83990890e85...	✓ Enabled		



6. Click the "Secret value" field and past in the BCAppld created above.

A screenshot of the Microsoft Azure portal's "Create a secret" page. The page title is "Create a secret". On the left, there are settings: "Upload options" (Manual), "Name" (BCAppld), "Secret value *" (Enter the secret.), "Content type (optional)", "Set activation date" (checkbox), "Set expiration date" (checkbox), "Enabled" (Yes/No toggle), and "Tags" (0 tags). The "Secret value *" field is highlighted with an orange circle.

7. Click "Create"

A screenshot of the Microsoft Azure portal's "Create a secret" page, showing the "Secret value" field filled with a masked value (dots). The "Create" button at the bottom left is highlighted with an orange circle. The "Name" field is "BCAppld", "Content type" is empty, and "Enabled" is set to "Yes".



8. Return to the Secrets area of the KeyVault

Microsoft Azure | Search resources, services, and docs (G+)

Copilot

bizappsunlockedadmin...
BIZAPPS UNLOCKED TEST (TRUN...

... > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

BCAppId ...

Versions

Search

+ New Version Refresh Delete Download Backup

The new version b164d86a853b46f48e8305ca385a0aca has been successfully created.

Version	Status	Activation date	Expiration date
CURRENT VERSION			
b164d86a853b46f48e8305ca385...	✓ Enabled		
OLDER VERSIONS			
f345299b81c245bd83990890e85...	✓ Enabled		

9. Click "BcAppSecretKey"

Microsoft Azure | Search resources, services, and docs (G+)

Copilot

bizappsunlockedadmin...
BIZAPPS UNLOCKED TEST (TRUN...

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw

keyvault-zhmwlr463e7qw | Secrets ☆ ...

Key vault

Search

+ Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

Name	Type	Status	Expiration date
BCAppId		✓ Enabled	
BcAppSecretKey	string	✓ Enabled	
ClientAccountGuid	string	✓ Enabled	
ClientEnvironmentName	string	✓ Enabled	
ClientToken	string	✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	

10. Click "New Version"

Microsoft Azure | Search resources, services, and docs (G+)

Copilot

bizappsunlockedadmin...
BIZAPPS UNLOCKED TEST (TRUN...

... > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

BcAppSecretKey ...

Versions

Search

+ New Version Refresh Delete Download Backup

Version	Status	Activation date	Expiration date
CURRENT VERSION			
d09af6a4f2b049be85399cda5396...	✓ Enabled		



11. Click the "Secret value" field and paste in the Registered App Secret created above.

This is a screenshot of the "Create a secret" form in the Microsoft Azure portal. The breadcrumb trail at the top indicates the path: DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets > BcAppSecretKey. The form includes fields for "Name" (BcAppSecretKey), "Secret value" (with a placeholder "Enter the secret."), "Content type (optional)", "Set activation date", "Set expiration date", "Enabled" (a toggle set to "Yes"), and "Tags" (0 tags). The "Upload options" dropdown is set to "Manual".

12. Click "Create"

This is a second screenshot of the "Create a secret" form, showing it after the secret value has been entered. The "Secret value" field is now filled with a series of asterisks and has a green checkmark icon on the right, indicating it is valid. The rest of the form, including the "Name" field (BcAppSecretKey), "Content type (optional)", "Set activation date", "Set expiration date", "Enabled" toggle (set to "Yes"), and "Tags" (0 tags), remains the same as in the previous screenshot. At the bottom of the form, there are two buttons: "Create" and "Cancel".



13. Go back to the Secrets area of KeyVault

Microsoft Azure | Search resources, services, and docs (G+/)

... > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

BcAppSecretKey Versions

Search x « + New Version Refresh Delete Download Backup

Overview

Access control (IAM)

The new version b1f24f4e03a145b695bbccab2adb1ab4 has been successfully created.

Version	Status	Activation date	Expiration date
CURRENT VERSION			
b1f24f4e03a145b695bbccab2adb1ab4	✓ Enabled		
OLDER VERSIONS			
d09af6a4f2b049be85399cda5396...	✓ Enabled		

14. Click "ClientAccountGuid"

Microsoft Azure | Search resources, services, and docs (G+/)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw

keyvault-zhmwlr463e7qw | Secrets ☆ ...

Search x « + Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Access policies

Resource visualizer

Events

Objects

Keys

Name	Type	Status	Expiration date
BCAppId		✓ Enabled	
BcAppSecretKey		✓ Enabled	
ClientAccountGuid	string	✓ Enabled	
ClientEnvironmentName	string	✓ Enabled	
ClientToken	string	✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	

15. Click "New Version"

Microsoft Azure | Search resources, services, and docs (G+/)

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

ClientAccountGuid Versions

Search x « + New Version Refresh Delete Download Backup

Overview

Access control (IAM)

Version	Status	Activation date	Expiration date
CURRENT VERSION			
e6903fba60cc48d3b86945ea0ac1...	✓ Enabled		



16. Click the "Secret value" field and paste in the Account GUID captured from the BizApps Unlocked Portal.

A screenshot of the "Create a secret" form in the Microsoft Azure portal. The form is titled "Create a secret" and has a close button (X) in the top right corner. The form fields include: "Upload options" (Manual), "Name" (ClientAccountGuid), "Secret value" (Enter the secret.), "Content type (optional)", "Set activation date" (checkbox), "Set expiration date" (checkbox), "Enabled" (Yes/No buttons), and "Tags" (0 tags). An orange circle highlights the "Secret value" field. Two blue arrows point from the "Secret value" field to the "Create" button at the bottom of the form.

17. Click "Create"

A screenshot of the "Create a secret" form in the Microsoft Azure portal, showing the "Create" button highlighted with an orange circle. The form fields include: "Name" (ClientAccountGuid), "Secret value" (*****), "Content type (optional)", "Set activation date" (checkbox), "Set expiration date" (checkbox), "Enabled" (Yes/No buttons), and "Tags" (0 tags). The "Secret value" field is now filled with asterisks, indicating it has been masked. The "Create" button is at the bottom left, and the "Cancel" button is at the bottom right.



18. Go Back to the Secrets area of KeyVault.

Microsoft Azure | Search resources, services, and docs (G+)

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets

ClientAccountGuid Versions

Search x « + New Version Refresh Delete Download Backup

The new version a06dfa559c7647379934d7197f5dc498 has been successfully created.

Version	Status	Activation date	Expiration date
CURRENT VERSION			
a06dfa559c7647379934d7197f5dc498	✓ Enabled		
OLDER VERSIONS			
e6903fba60cc48d3b86945ea0ac1...	✓ Enabled		

19. Click "ClientEnvironmentName"

Microsoft Azure | Search resources, services, and docs (G+)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets

keyvault-zhmwlr463e7qw | Secrets ☆ ...

Search x « + Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

Name	Type	Status	Expiration date
BCAppId		✓ Enabled	
BcAppSecretKey		✓ Enabled	
ClientAccountGuid		✓ Enabled	
ClientEnvironmentName	string	✓ Enabled	
ClientToken	string	✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	

20. Click "New Version"

Microsoft Azure | Search resources, services, and docs (G+)

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets

ClientEnvironmentName Versions

Search x « + New Version Refresh Delete Download Backup

Version	Status	Activation date	Expiration date
CURRENT VERSION			
7c3ad8fc6a54427da070474c5d5...	✓ Enabled		



21. Click the "Secret value" field and enter the name of the BC Environment. Make sure this name matches the name entered into the BizApps Unlocked portal.

A screenshot of the Microsoft Azure portal's "Create a secret" form. The breadcrumb trail at the top reads: "... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets > ClientEnvironmentName >". The form has a title "Create a secret" with a close button. On the left, there are labels for "Upload options", "Name", "Secret value *", "Content type (optional)", "Set activation date", "Set expiration date", "Enabled", and "Tags". The "Upload options" dropdown is set to "Manual". The "Name" field contains "ClientEnvironmentName". The "Secret value *" field contains the placeholder text "Enter the secret..." and is highlighted with an orange circle. The "Content type (optional)" field is empty. "Set activation date" and "Set expiration date" are unchecked. The "Enabled" toggle is set to "Yes". The "Tags" section shows "0 tags".

22. Click "Create"

A screenshot of the Microsoft Azure portal's "Create a secret" form, showing the state after the "Secret value" field has been updated. The "Name" field still contains "ClientEnvironmentName". The "Secret value *" field now contains a series of asterisks "*****" and has a green checkmark at the end, indicating the input is valid. The "Content type (optional)" field is empty. "Set activation date" and "Set expiration date" are unchecked. The "Enabled" toggle is set to "Yes". The "Tags" section shows "0 tags". At the bottom left, the "Create" button is highlighted with an orange circle, and a "Cancel" button is visible next to it.



23. Go back to the Secrets area of KeyVault.

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bizappsunlockedadmin... BIZAPPS UNLOCKED TEST (TRUN...)

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

ClientEnvironmentName

Versions

Search x « + New Version Refresh Delete Download Backup

Overview

Access control (IAM)

The new version db064343842d4f659807cb4b8fdb0e92 has been successfully created.

Version	Status	Activation date	Expiration date
CURRENT VERSION			
db064343842d4f659807cb4b8fdb0e92	✓ Enabled		
OLDER VERSIONS			
7c3ad8fc6a54427da070474c5d5...	✓ Enabled		

24. Click "ClientToken"

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bizappsunlockedadmin... BIZAPPS UNLOCKED TEST (TRUN...)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

keyvault-zhmwlr463e7qw | Secrets

Key vault

Search o « + Generate/Import Refresh Restore Backup Manage deleted secrets View sample code

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Access policies

Resource visualizer

Events

Objects

Keys

Secrets

Name	Type	Status	Expiration date
BCAppId		✓ Enabled	
BcAppSecretKey		✓ Enabled	
ClientAccountGuid		✓ Enabled	
ClientEnvironmentName		✓ Enabled	
ClientToken	string	✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	

25. Click "New Version"

Microsoft Azure | Search resources, services, and docs (G+/I) | Copilot | bizappsunlockedadmin... BIZAPPS UNLOCKED TEST (TRUN...)

... > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmwlr463e7qw | Secrets >

ClientToken

Versions

Search x « + New Version Refresh Delete Download Backup

Overview

Access control (IAM)

Version	Status	Activation date	Expiration date
CURRENT VERSION			
a15bff532e6e46d9aecb08f890dc...	✓ Enabled		



26. Click the "Secret value" field and paste in the token captured from the BizApps Unlocked portal above.

This is a screenshot of the "Create a secret" form in the Microsoft Azure portal. The breadcrumb trail at the top indicates the path: DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > keyvault-zhmlwr463e7qw | Secrets > ClientToken >. The form includes fields for "Upload options" (set to "Manual"), "Name" (set to "ClientToken"), "Secret value" (with a placeholder "Enter the secret."), "Content type (optional)", "Set activation date", "Set expiration date", "Enabled" (set to "Yes"), and "Tags" (0 tags). An orange circle highlights the "Secret value" field.

27. Click "Create"

This is a second screenshot of the "Create a secret" form, showing the "Secret value" field filled with a long string of dots, representing a token. The "Name" field is still "ClientToken". At the bottom of the form, the "Create" button is highlighted with an orange circle, and the "Cancel" button is visible next to it.



28. Navigate back to the Secrets area of KeyVault.

We don't need to edit the remaining Secrets.

Click on the name of the Managed Resource Group.

A screenshot of the Microsoft Azure portal interface. The top navigation bar shows the user is logged in as "bizappsunlockedadmin...". The breadcrumb trail indicates the user is in the "keyvault-zhmwlr463e7qw" Key Vault, specifically in the "Secrets" section. The left sidebar lists various Azure services, with "Secrets" highlighted. The main content area displays a table of secrets. The table has four columns: "Name", "Type", "Status", and "Expiration date". There are ten secrets listed, all with a status of "Enabled". The "Expiration date" column is empty for all entries. The "Name" column includes "BCAppld", "BcAppSecretKey", "ClientAccountGuid", "ClientEnvironmentName", "ClientToken", "ColdStorageAccountKey", "HotStorageAccountKey", and "TenantId". The "Type" column shows "string" for "ColdStorageAccountKey", "HotStorageAccountKey", and "TenantId".

Name	Type	Status	Expiration date
BCAppld		✓ Enabled	
BcAppSecretKey		✓ Enabled	
ClientAccountGuid		✓ Enabled	
ClientEnvironmentName		✓ Enabled	
ClientToken		✓ Enabled	
ColdStorageAccountKey	string	✓ Enabled	
HotStorageAccountKey	string	✓ Enabled	
TenantId	string	✓ Enabled	





Test

1. Navigate to the Managed Resource Group created by the Azure Managed Application.

The screenshot shows the Microsoft Azure portal interface. The top navigation bar includes the Microsoft Azure logo, a search bar, and a Copilot button. The breadcrumb trail indicates the user is in the 'mrg-datcapsule-20250929092011' resource group. The left sidebar contains a list of navigation options: Overview, Activity log, Access control (IAM), Tags, Resource visualizer, Events, Settings, Cost Management, Monitoring, Automation, and Help. The main content area is divided into two sections: 'Essentials' and 'Resources'. The 'Essentials' section shows the subscription name 'BizApps Unlocked Test', the subscription ID, and the location 'East US 2'. The 'Resources' section displays a table of resources within the group. A large, light blue arrow points from the 'App Service' resource in the table towards the next step instruction.

Name ↑	Type	Location
datacapsuleguide-ser-zhwmwr463e7qw	App Service plan	East US 2
datacapsuleguide-ser-zhwmwr463e7qw	App Service	East US 2
datacapsuleguidecold	Storage account	East US 2
datacapsuleguidehot	Storage account	East US 2
keyvault-zhwmwr463e7qw	Key vault	East US 2
vnet-zhwmwr463e7qw	Virtual network	East US 2

2. Click on the App Service.



Microsoft Azure Search resources, services, and docs (G+)

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res >

mrg-datacapsule-20250929092011 Resource group

How to manage these changes more efficiently with deployment tools? +2

Search

Create Manage view Delete resource group Refresh Export to CSV Open query Group by none

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events
- Settings
- Cost Management
- Monitoring
- Automation
- Help

Essentials

Subscription (move)
[BizApps Unlocked Test](#)
Subscription ID

Deployments
6 Succeeded
Managed By
[datacapsuleguide-res](#)
Location
East US 2

Tags (edit)
[Add tags](#)

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Name ↑	Type	Location
datacapsuleguide-ser-zhwmwr463e7qw	App Service plan	East US 2
datacapsuleguide-ser-zhwmwr463e7qw	App Service	East US 2
datacapsuleguidecold	Storage account	East US 2
datacapsuleguidehot	Storage account	East US 2
keyvault-zhwmwr463e7qw	Key vault	East US 2
vnet-zhwmwr463e7qw	Virtual network	East US 2

Showing 1 - 6 of 6. Display count: auto

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Add or remove favorites by pressing Ctrl+Shift+F

3. Click "WebJobs"





Microsoft Azure Search resources, services, and docs (G+/) Copilot

BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 >

datacapsuleguide-ser-zhmwlr463e7qw

Web App

Search

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Microsoft Defender for Cloud
- Events (preview)
- Resource visualizer
- Deployment
- Settings
 - Environment variables
 - Configuration
 - Authentication
 - Identity
 - Backups
 - Custom domains
 - Certificates
 - Networking
 - WebJobs**
 - MySQL In App
 - Service Connector

Enable Application Insights for monitoring and profiling for your app.

Essentials

Resource group (move) [mrg-datacapsule-20250929092011](#)

Status Running

Location (move) East US 2

Subscription (move) [BizApps Unlocked Test](#)

Subscription ID

Default domain [datacapsuleguide-ser-zhmwlr463e7qw.azurewebsites.net](#)

App Service Plan [datacapsuleguide-pre-zhmwlr463e7qw \(B1: 1\)](#)

Operating System Windows

Health Check Not Configured

Tags (edit) [Add tags](#)

Properties Monitoring Logs Capabilities Notifications (1) Recommendations

Web app

Name datacapsuleguide-ser-zhmwlr463e7qw

Publishing model Code

Domains

Default domain [datacapsuleguide-ser-zhmwlr463e7qw.azurewebsites.net](#)

Custom domain [Add custom domain](#)

4. Click the Run button.

Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguide-ser-zhmwlr463e7qw

datacapsuleguide-ser-zhmwlr463e7qw | WebJobs

+ Add WebJobs Dashboard Refresh

Run From Package (WEBSITE_RUN_FROM_PACKAGE=1) is enabled in your app configurations. While this is active some WebJobs may not show up and commands may not work in the portal because their location is set to read only. [Learn more.](#)

WebJobs provide an easy way to run scripts or programs as background processes in the context of your app.

Name	Type	Status	Schedule	Logs	Run
erwebjob	Triggered	Ready	0 30 3 * * *		



5. Confirm running the webjob.

Run From Package (WEBSITE_RUN_FROM_PACKAGE=1) is enabled in your app configurations. While this is active some WebJobs may not show up and commands may not work in the portal because their location is set to read only. [Learn more.](#)

WebJobs provide an easy way to run scripts or programs as background processes in the context of your app.

Name	Type	Status	Schedule	Logs	Run
erwebjob	Triggered	Ready	0 30 3 * * *		

Run erwebjob

Are you sure you want to run the selected WebJob?

6. Click this to view the logs of the webjob.

Groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguide-ser-zhnmwlr463e7qw

ser-zhnmwlr463e7qw | WebJobs

[+ Add](#) [WebJobs Dashboard](#) [Refresh](#)

Run From Package (WEBSITE_RUN_FROM_PACKAGE=1) is enabled in your app configurations. While this is active some WebJobs may not show up and commands may not work in the portal because their location is set to read only. [Learn more.](#)

WebJobs provide an easy way to run scripts or programs as background processes in the context of your app.

Name	Type	Status	Schedule	Logs	Run
erwebjob	Triggered	Running	0 30 3 * * *		<input type="checkbox"/>



2. Open the Cold Storage Account.

Events

Settings

Cost Management

Monitoring

Automation

Help

Tags (edit)
Add tags

Resources Recommendations

Filter for any field... Type equals all Location equals all Add filter

Name ↑	Type	Location
datacapsuleguide-nre-zhmlr463e7qw	App Service plan	East US 2
datacapsuleguidecold-zhmlr463e7qw	App Service	East US 2
datacapsuleguidecold	Storage account	East US 2
datacapsuleguidehot	Storage account	East US 2
keyvault-zhmlr463e7qw	Key vault	East US 2
vnet-zhmlr463e7qw	Virtual network	East US 2

Showing 1 - 6 of 6. Display count: auto

Add or remove favorites by pressing Ctrl+Shift+F

3. First we need to give the user permission to read blob files. Click "Access Control (IAM)"

Microsoft Azure

Search resources, services, and docs (G+)

Copilot

Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 >

datacapsuleguidecold

Storage account

Is this storage account vulnerable? Why can't this storage account be accessed? Analyze connectivity to this storage account

Search

Upload Open in Explorer Delete Move Refresh Open in mobile CLI / PS Feedback

Overview

Activity log

Tags

Diagnose and solve problems

Access Control (IAM)

Data migration

Events

Storage browser

Storage Mover

Partner solutions

Resource visualizer

Data storage

Containers

File shares

Queues

Tables

Essentials

Resource group (move)
mrg-datacapsule-20250929092011

Location
eastus2

Subscription (move)
BizApps Unlocked Test

Subscription ID
f806e85a-a51b-4dff-871b-f2a22a34d82d

Disk state
Available

Tags (edit)
partnerTrackingGuid :

Properties Monitoring Capabilities (7) Recommendations (0) Tutorials Tools + SDKs

Blob service

Hierarchical namespace Disabled

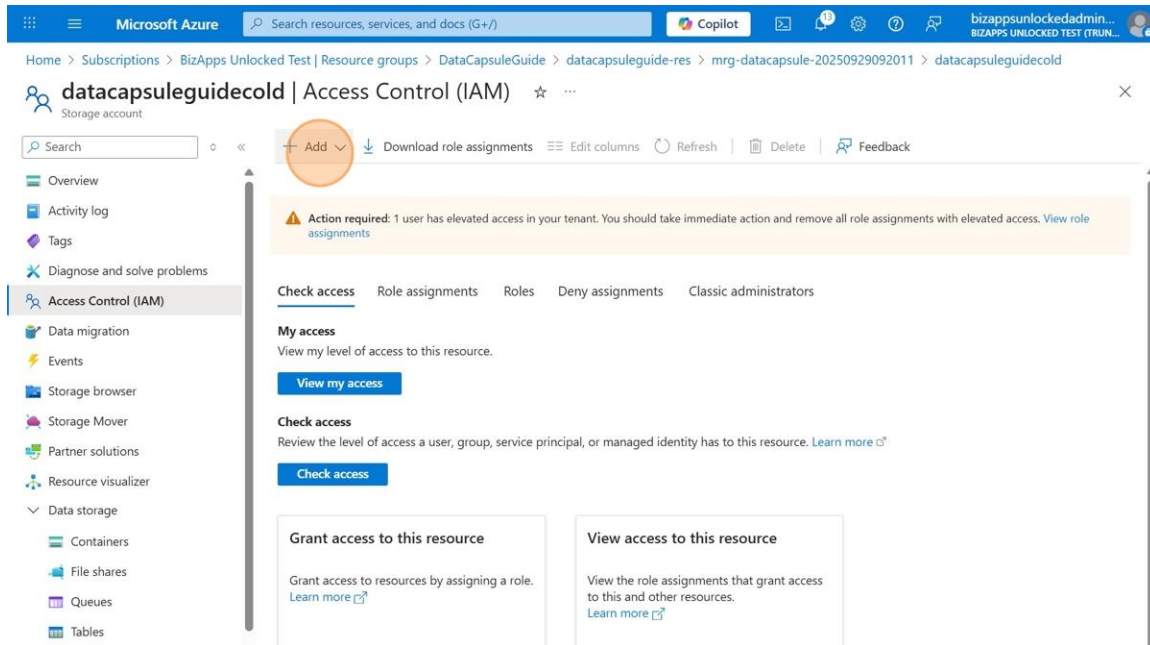
Default access tier Cold

Security

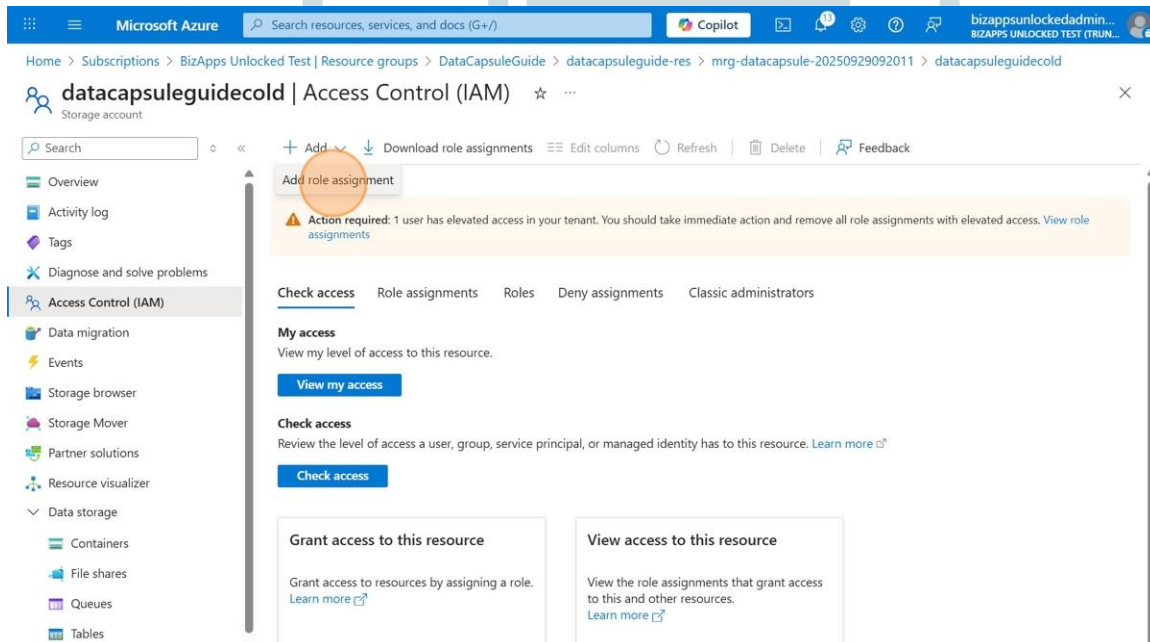
Require secure transfer for REST API operations Enabled



4. Click "Add"



5. Click "Add role assignment"





6. Click "Storage Blob Data Reader"

Resource Policy Contributor	Users with rights to create/modify resource policy, create support ticket and read res...	BuiltInRole	Management + Gover...	View
Site Recovery Contributor	Lets you manage Site Recovery service except vault creation and role assignment	BuiltInRole	Management + Gover...	View
Site Recovery Operator	Lets you failover and failback but not perform other Site Recovery management oper...	BuiltInRole	Management + Gover...	View
SqIML Migration Role	Role for SqIML migration	BuiltInRole	None	View
SqIVM Migration Role	Role for SqIVM migration	BuiltInRole	None	View
Storage Account Backup Contrib...	Lets you perform backup and restore operations using Azure Backup on the storage ...	BuiltInRole	Storage	View
Storage Account Contributor	Lets you manage storage accounts, including accessing storage account keys which ...	BuiltInRole	Storage	View
Storage Account Encryption Sco...	Allows management of Encryption Scopes on a Storage Account	BuiltInRole	None	View
Storage Account Key Operator S...	Storage Account Key Operators are allowed to list and regenerate keys on Storage A...	BuiltInRole	Storage	View
Storage Actions Blob Data Oper...	Used by the Storage Actions - Storage Task to list & perform operations on the Stora...	BuiltInRole	None	View
Storage Actions Task Assignmen...	Used by the Storage Actions assigner to create a Task Assignment on their target Sto...	BuiltInRole	None	View
Storage Blob Data Contributor	Allows for read, write and delete access to Azure Storage blob containers and data	BuiltInRole	Storage	View
Storage Blob Data Owner	Allows for full access to Azure Storage blob containers and data, including assigning ...	BuiltInRole	Storage	View
Storage Blob Data Reader	Allows for read access to Azure Storage blob containers and data	BuiltInRole	Storage	View
Storage Blob Delegator	Allows for generation of a user delegation key which can be used to sign SAS tokens	BuiltInRole	Storage	View
Storage File Data Privileged Cont...	Customer has read, write, delete and modify NTFS permission access on Azure Stora...	BuiltInRole	None	View
Storage File Data Privileged Rea...	Customer has read access on Azure Storage file shares.	BuiltInRole	None	View
Storage File Data SMB MI Admin	Allows for admin-level access for managed identities on files/directories in Azure file ...	BuiltInRole	None	View
Storage File Data SMB Share Co...	Allows for read, write, and delete access in Azure Storage file shares over SMB	BuiltInRole	Storage	View

[Review + assign](#) [Previous](#) [Next](#)

[Feedback](#)

7. Click "Next"

Resource Policy Contributor	Users with rights to create/modify resource policy, create support ticket and read res...	BuiltInRole	Management + Gover...	View
Site Recovery Contributor	Lets you manage Site Recovery service except vault creation and role assignment	BuiltInRole	Management + Gover...	View
Site Recovery Operator	Lets you failover and failback but not perform other Site Recovery management oper...	BuiltInRole	Management + Gover...	View
SqIML Migration Role	Role for SqIML migration	BuiltInRole	None	View
SqIVM Migration Role	Role for SqIVM migration	BuiltInRole	None	View
Storage Account Backup Contrib...	Lets you perform backup and restore operations using Azure Backup on the storage ...	BuiltInRole	Storage	View
Storage Account Contributor	Lets you manage storage accounts, including accessing storage account keys which ...	BuiltInRole	Storage	View
Storage Account Encryption Sco...	Allows management of Encryption Scopes on a Storage Account	BuiltInRole	None	View
Storage Account Key Operator S...	Storage Account Key Operators are allowed to list and regenerate keys on Storage A...	BuiltInRole	Storage	View
Storage Actions Blob Data Oper...	Used by the Storage Actions - Storage Task to list & perform operations on the Stora...	BuiltInRole	None	View
Storage Actions Task Assignmen...	Used by the Storage Actions assigner to create a Task Assignment on their target Sto...	BuiltInRole	None	View
Storage Blob Data Contributor	Allows for read, write and delete access to Azure Storage blob containers and data	BuiltInRole	Storage	View
Storage Blob Data Owner	Allows for full access to Azure Storage blob containers and data, including assigning ...	BuiltInRole	Storage	View
Storage Blob Data Reader	Allows for read access to Azure Storage blob containers and data	BuiltInRole	Storage	View
Storage Blob Delegator	Allows for generation of a user delegation key which can be used to sign SAS tokens	BuiltInRole	Storage	View
Storage File Data Privileged Cont...	Customer has read, write, delete and modify NTFS permission access on Azure Stora...	BuiltInRole	None	View
Storage File Data Privileged Rea...	Customer has read access on Azure Storage file shares.	BuiltInRole	None	View
Storage File Data SMB MI Admin	Allows for admin-level access for managed identities on files/directories in Azure file ...	BuiltInRole	None	View
Storage File Data SMB Share Co...	Allows for read, write, and delete access in Azure Storage file shares over SMB	BuiltInRole	Storage	View

[Review + assign](#) [Previous](#) [Next](#)

[Feedback](#)



8. Click "Select members"

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguidecold | Access Control (IAM) >

Add role assignment

Role **Members** Conditions Review + assign

Selected role Storage Blob Data Reader

Assign access to ☒ User, group, or service principal ☐ Managed identity

Members + Select members

Name	Object ID	Type
No members selected		

Description Optional

9. Click on the user(s) to add them to the list of selected users.

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguidecold | Access Control (IAM) >

Add role assignment

Role **Members** Conditions Review + assign

Selected role Storage Blob Data Reader

Assign access to ☒ User, group, or service principal ☐ Managed identity

Members + Select members

Name	Object ID
No members selected	

Description Optional

Select members

Search by name or email address

- BizApps NonAdmin
bizapps-nonadmin@trunorthdynamicstest.onmicrosoft.com
- BizApps Unlocked Admin
bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com
- BusinessCentralProductionEnvironment
BusinessCentralProductionEnvironment
- BusinessCentralSandboxEnvironment
BusinessCentralSandboxEnvironment
- PowerAppProductionEnvironment
PowerAppProductionEnvironment
- PowerAppSandboxEnvironment
PowerAppSandboxEnvironment
- SQL Admin
39087b75-44aa-40a5-a410-3a8446924879

Selected members:

No members selected. Search for and add one or more members you want to assign to the role for this resource.

[Learn more about RBAC](#)



10. Click "Select"

Selected role Storage Blob Data Reader

Assign access to ☒ User, group, or service principal
☐ Managed identity

Members [+ Select members](#)

Name	Object ID
No members selected	

Description Optional

BU

BizApps Unlocked Admin
bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com

BU

BusinessCentralProductionEnvironment
BusinessCentralProductionEnvironment

BU

BusinessCentralSandboxEnvironment
BusinessCentralSandboxEnvironment

PO

PowerAppProductionEnvironment
PowerAppProductionEnvironment

PO

PowerAppSandboxEnvironment
PowerAppSandboxEnvironment

SA

SQL Admin
39087b75-44aa-40a5-a410-3a8446924879

Selected members:

BU

BizApps Unlocked Admin
bizappsunlockedadmin@trunorthdynamicstest.onmicrosoft.com

[Review + assign](#) [Previous](#) [Next](#) [Select](#) [Close](#)

11. Click "Review + assign", twice.

Selected role Storage Blob Data Reader

Assign access to ☒ User, group, or service principal
☐ Managed identity

Members [+ Select members](#)

Name	Object ID	Type
BizApps Unlocked Admin	fca80f62-c336-49e6-bbfe-0518cf35781e	User

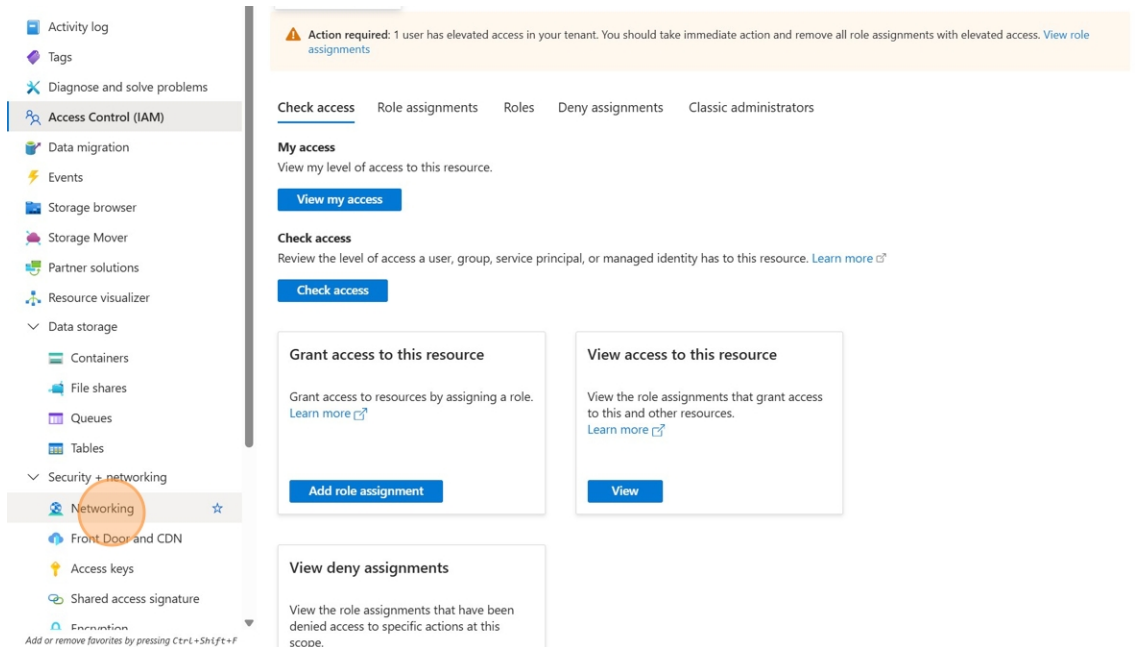
Description Optional

[Review + assign](#) [Previous](#) [Next](#) [Feedback](#)

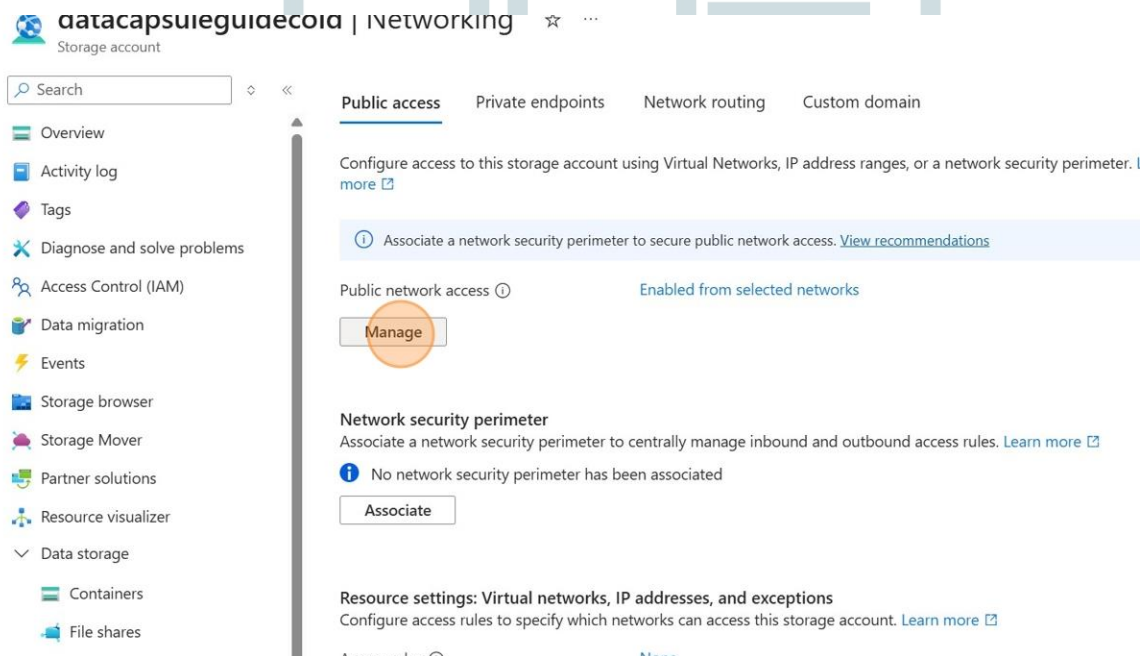


12. DataCapsule creates the Cold Storage Account in an Azure Private Network. We need to add an IP address to allow access.

Click "Networking"



13. Click "Manage"





14. Click "Add your client IPv4 address "

Microsoft Azure Search resources, services, and docs (G+/) Copilot

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguideold | Networking >

Public network access

Enable from selected networks

Virtual Networks
Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
> vnet-zhmlwr463e7qw	1	10.0.0.0/16		mrg-datacapsule-20250...	BizApps Unlock:..

IPv4 Addresses
Allow select public internet IP addresses to access your resource. [Learn more](#)

+ Add your client IPv4 address (")

IPv4 address or CIDR

Resource instances
Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

Resource type Instance name

Select a resource type Select one or more instances

Exceptions

Save Cancel



15. Click "Save"

Microsoft Azure | Search resources, services, and docs (G+)

... > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-20250929092011 > datacapsuleguideold | Networking >

Public network access

☒ Enable from selected networks

Virtual Networks
Allow select virtual networks to connect to your resource using service endpoints. [Learn more](#)

+ Add a virtual network

Virtual Network	Subnet	Address Range	Endpoint Status	Resource Group	Subscription
> vnet-zhmwlir463e7qw	1	10.0.0.0/16		mrg-datacapsule-20250...	BizApps Unlock...

IPv4 Addresses
Allow select public internet IP addresses to access your resource. [Learn more](#)

IPv4 address or CIDR

Resource instances
Specify resource instances that will have access to your storage account based on their system-assigned managed identity. [Learn more](#)

Resource type: Instance name:

Exceptions

16. Click "Containers"

Activity log
Tags
Diagnose and solve problems
Access Control (IAM)
Data migration
Events
Storage browser
Storage Mover
Partner solutions
Resource visualizer
Data storage
Containers
File shares
Queues
Tables
Security + networking
Networking
Front Door and CDN
Access keys
Shared access signature
Encryption

Configure access to this storage account using Virtual Networks, IP address ranges, or a network security perimeter. [Learn more](#)

Associate a network security perimeter to secure public network access. [View recommendations](#)

Public network access ☒ Enabled from selected networks

Network security perimeter
Associate a network security perimeter to centrally manage inbound and outbound access rules. [Learn more](#)

No network security perimeter has been associated

Resource settings: Virtual networks, IP addresses, and exceptions
Configure access rules to specify which networks can access this storage account. [Learn more](#)

Access rules	Value
Virtual networks	1
IPv4 addresses	1
Exceptions	1

Give feedback
[Help improve how you configure public access](#)



17. Click "archive"

A screenshot of the Azure Storage Explorer interface. The breadcrumb path at the top is: Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-2025092909201. The main heading is "datacapsuleguidecold | Containers" with a star icon. Below this, there's a search bar and a list of actions: Add container, Upload, Refresh, Delete, Change access level, and Restore containers. A left sidebar contains a list of navigation options: Overview, Activity log, Tags, Diagnose and solve problems, Access Control (IAM), Data migration, Events, Storage browser, Storage Mover, Partner solutions, Resource visualizer, and Data storage. The main pane shows "Showing all 2 items" with a table of containers. The "archive" container is highlighted with an orange circle.

	Name	Last modified	Anonymous i
<input type="checkbox"/>	archive	9/29/2025, 9:23:49 AM	Private
<input type="checkbox"/>	coldcontainer	9/29/2025, 9:23:50 AM	Private

18. The file we expected is in the Cold Storage Account container.

A screenshot of the Azure Storage Explorer interface, showing the "archive" container. The breadcrumb path is: Home > Subscriptions > BizApps Unlocked Test | Resource groups > DataCapsuleGuide > datacapsuleguide-res > mrg-datacapsule-2025092909201. The main heading is "archive". Below this, there's a search bar and a list of actions: Add Directory, Upload, Change access level, Refresh, Delete, Copy, and Paste. The left sidebar shows: Overview, Diagnose and solve problems, Access Control (IAM), and Settings. The main pane shows "Showing all 1 items" with a table of blobs. The "BizAppsUnl..." blob is highlighted with an orange circle.

	Name	Last modified	Access tier	Blob type	S
<input checked="" type="checkbox"/>	BizAppsUnl...	9/29/2025, 1:00:21 PM	Cold (Inferred)	Block blob	1

19. Once you are done it is best practice to remove your IP address from the networking space of the Storage Account.



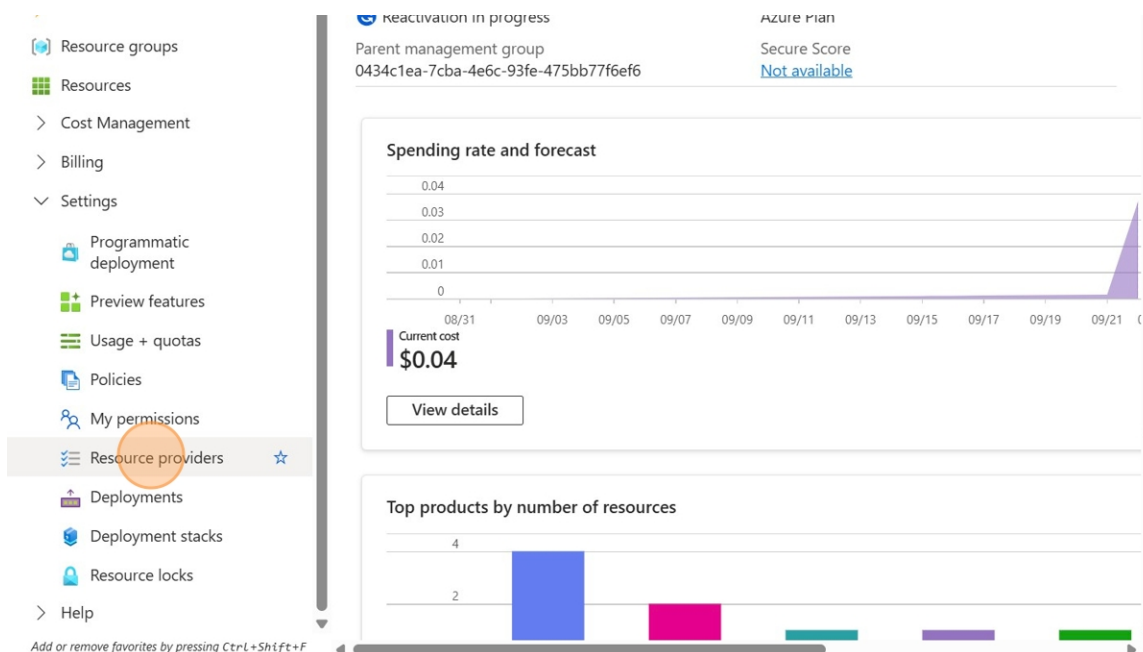
Index

Registering Resource providers in Subscription

1. Navigate to <https://portal.azure.com> and open the Subscription you are installing DataCapsule to.

A screenshot of the Azure portal interface. On the left is a navigation sidebar with various icons and labels: Tags, Diagnose and solve problems, Security, Resource visualizer, Events, Resource groups, Resources, Cost Management, Billing, Settings, Programmatic deployment, Preview features, Usage + quotas, Policies, My permissions, and Resource providers (which is highlighted with a star). The main content area is titled "Essentials" and displays subscription information: Subscription ID (9bc273de-7709-4814-8007-644cce956239), Subscription name (BizApps Unlocked Demo), Directory (BizApps Unlocked Test (trunorthdynamicstes...)), My role (Owner), Status (Reactivation in progress), Plan (Azure Plan), Parent management group (0434c1ea-7cba-4e6c-93fe-475bb77f6ef6), and Secure Score (Not available). Below this is a "Spending rate and forecast" section with a line graph showing a sharp increase in spending starting around 09/21. The current cost is listed as \$0.04, and there is a "View details" button.

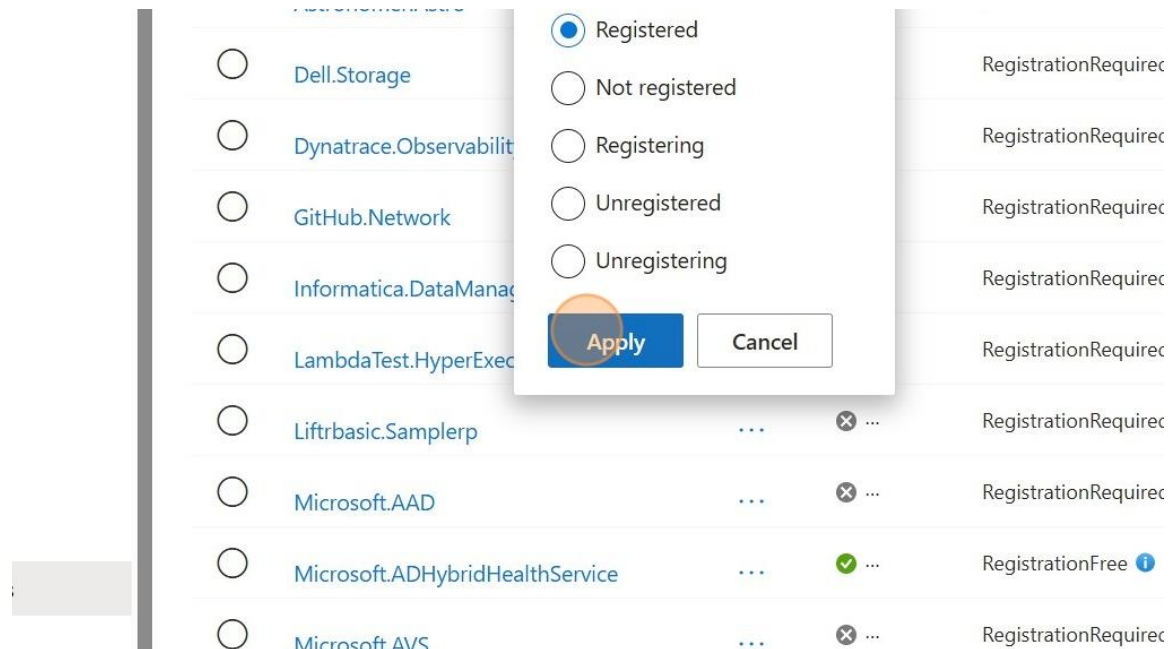
2. Click "Resource providers"



3. Filter the list to "Registered" providers.



4. Click "Apply"



5. Review the list of Registered providers. DataCapsule requires the following providers. Make sure these providers are registered. If any are missing follow the steps below for each one.

- Microsoft.Network
- Microsoft.KeyVault
- Microsoft.App
- Microsoft.Web



- Microsoft.Storage

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ed Demo | Resource providers ☆ ...

« Register Unregister Refresh Feedback

Filter by name... Status : Registered Registration Policy : All

Provider ↑	Status	Registration Policy
Microsoft.GuestConfiguration	...	registrationrequired
Microsoft.KeyVault	...	RegistrationRequired
Microsoft.Logic	...	RegistrationRequired

6. Filter the list to "Not registered".

Filter by name... Status : Registered Registration Policy : All

Provider ↑

Microsoft.GuestConfiguration

Microsoft.KeyVault

Microsoft.Logic

Microsoft.Maintenance

Microsoft.ManagedIdentities

Microsoft.Marketplace

Microsoft.Network

Microsoft.Operationallnsights

Registration Policy

registrationrequired

RegistrationRequired

RegistrationRequired

RegistrationRequired

RegistrationRequired

RegistrationFree

RegistrationRequired

RegistrationRequired

Status

Filter statuses...

All

Registered

Not registered

Registering

Unregistered

Unregistering

Apply Cancel



7. Find one of the unregistered resources in the list.

Resource Provider	Registration Status
Microsoft.AlertsManagement	Not registered
Microsoft.AnalysisServices	Not registered
Microsoft.ApiCenter	Not registered
Microsoft.ApiManagement	Not registered
Microsoft.App	Registered
Microsoft.AppAssessment	Not registered
Microsoft.AppComplianceAutomation	Not registered
Microsoft.AppConfiguration	Not registered

8. Click "Register"

Microsoft Azure | Search resources, services, and docs (G+)

Home > BizApps Unlocked Demo

BizApps Unlocked Demo | Resource providers

Subscription

Search

Tags, Diagnose and solve problems, Security, Resource visualizer, Events, Resource groups, Resources

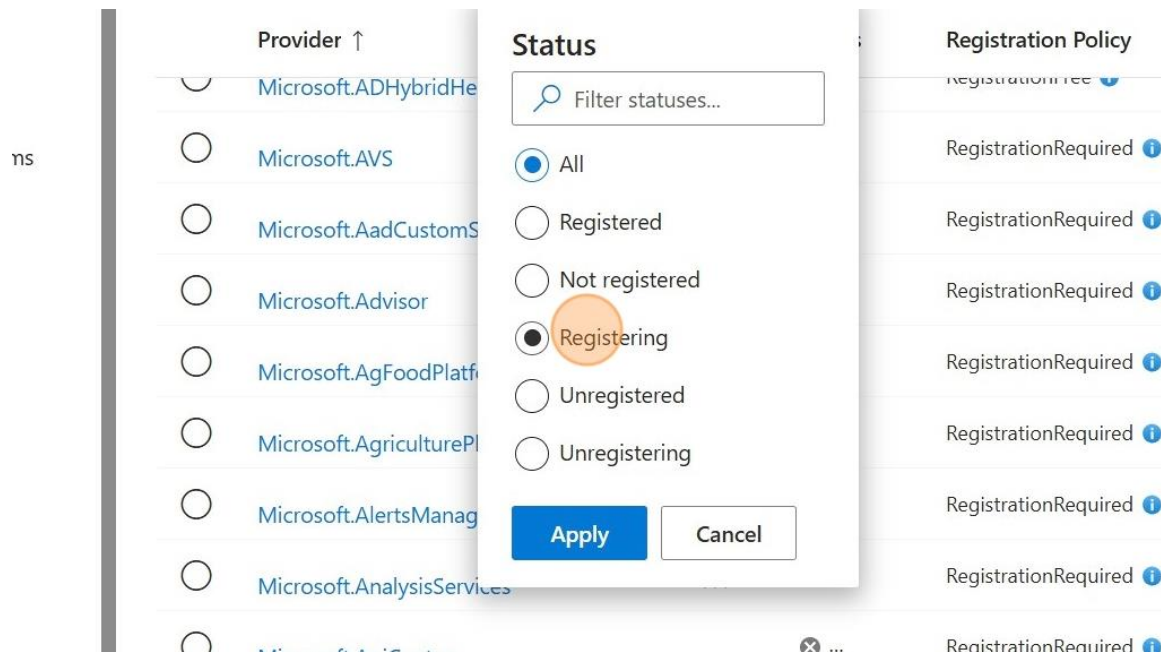
Register, Unregister, Refresh, Feedback

Filter by name... Status: Not registered

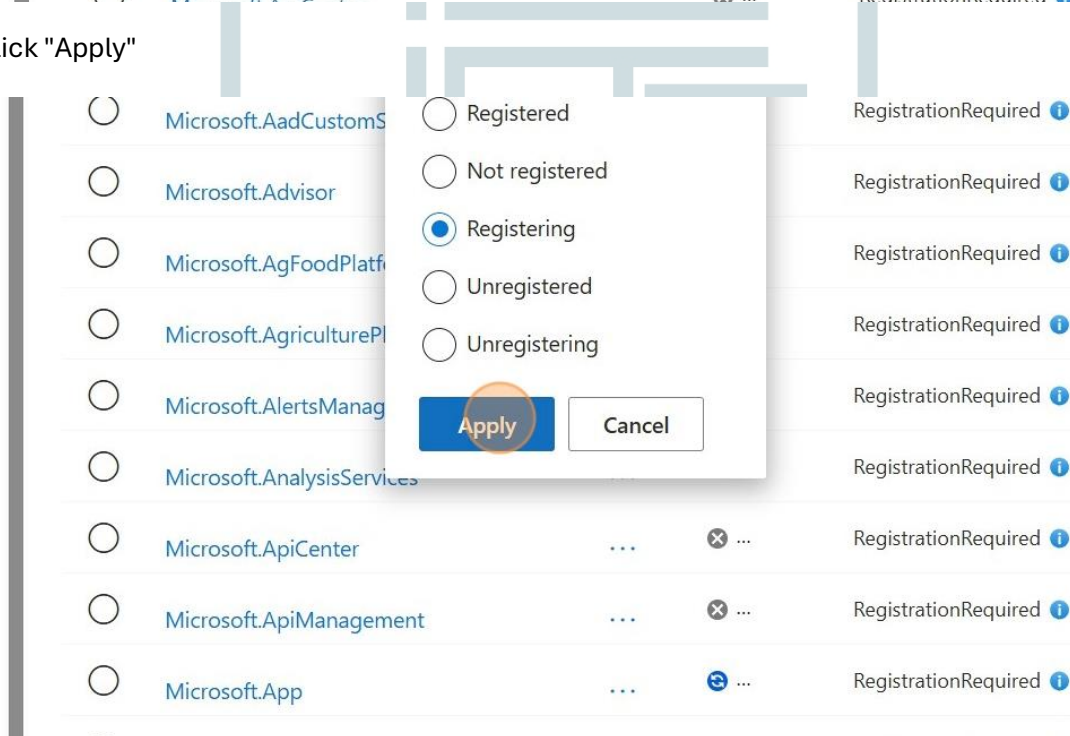
Provider	Status
Microsoft.AVS	Not registered
Microsoft.AadCustomSecurityAttributesDiagnosticSet	Not registered
Microsoft.AgFoodPlatform	Not registered



9. If there are more than one resource to register you can start the registration for all of them.
Then filter the list to "Registering" status.
Click "Registering"

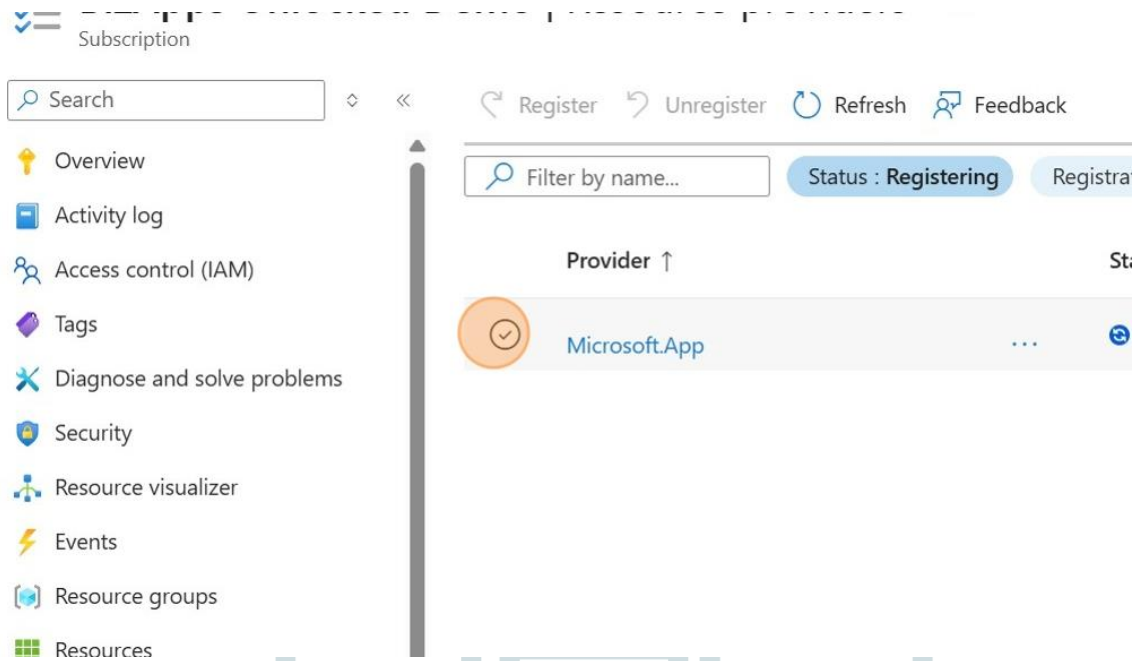


10. Click "Apply"

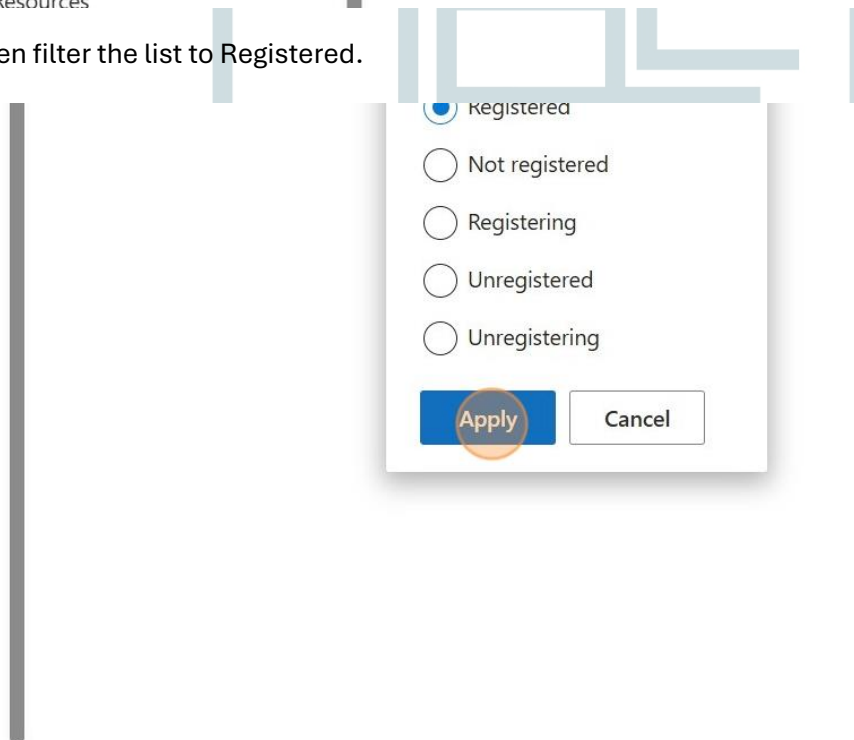




11. Keep track of the registration status until the list is empty.



12. Then filter the list to Registered.





13. Finally, validate the needed resources are installed.

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Security

Resource visualizer

Events

Resource groups

Resources

> Cost Management

> Billing

Filter by name...

Status : Registered

Registrat

	Provider ↑		St:
<input type="radio"/>	Microsoft.ADHybridHealthService	...	✓
<input type="radio"/>	Microsoft.Advisor	...	✓
<input checked="" type="radio"/>	Microsoft.App	...	✓
<input type="radio"/>	Microsoft.Authorization	...	✓
<input type="radio"/>	Microsoft.ChangeAnalysis	...	✓
<input type="radio"/>	Microsoft.ChangeSafety	...	✓
<input type="radio"/>	Microsoft.Consumption	...	✓

Create Resource Group

1. Open the Azure portal <https://portal.azure.com>. Open the Subscription you are going to install resource into. Then select Resource Groups.

(IAM)

Filter for any field...

Location equals all

+ Add filter

olve problems

☐ Name ↑

Subs

☐ NetworkWatcherRG

...

BizA

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DS

ent

2. Click "Create"



Home > BizApps Unlocked Test

BizApps Unlocked Test | Resource groups

Search

+ Create Manage view Refresh Export to CSV

Create new resource group [version of Browse experience. Click here to access](#)

Filter for any field... Location equals all

<input type="checkbox"/>	Name ↑
<input type="checkbox"/>	NetworkWatcherRG

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

3. Give your Resource Group a name. The name should be unique in the Subscription.

Create a resource group

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription *

Resource group name *

Region *



4. Open the Region drop down to select the Azure region for the Resource Group. Select a Region that matches the region of other resources. For example, when installing DataCapsule use the same region Business Central is installed.

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Subscription * ⓘ

Resource group name * ⓘ

Region * ⓘ

5. Click "Review + create"

Resource group name * ⓘ

Region * ⓘ

Previous

Next

Review + create



6. Click "Create"

Region East US 2

Tags

None

Previous Next **Create**

7. After a couple of moments click the Refresh button to see your Resource Group in the Subscription.

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est

cked Test | Resource groups

⬅️ ⬅️ + Create ⚙️ Manage view ▾ ↻ Refresh ⬇️ Export to CSV ⋮ 📄 Group by no

📘 You are viewing a new version of Browse experience. [Click here to access the old experience.](#)

🔍 Filter for any field... Location equals all × + Add filter

	Name ↑	Subscription
15	<input type="checkbox"/> NetworkWatcherRG	⋮ BizApps Unlocked

