

Security and Surveillance

Deployment Document

Version 1.0.1

Contents

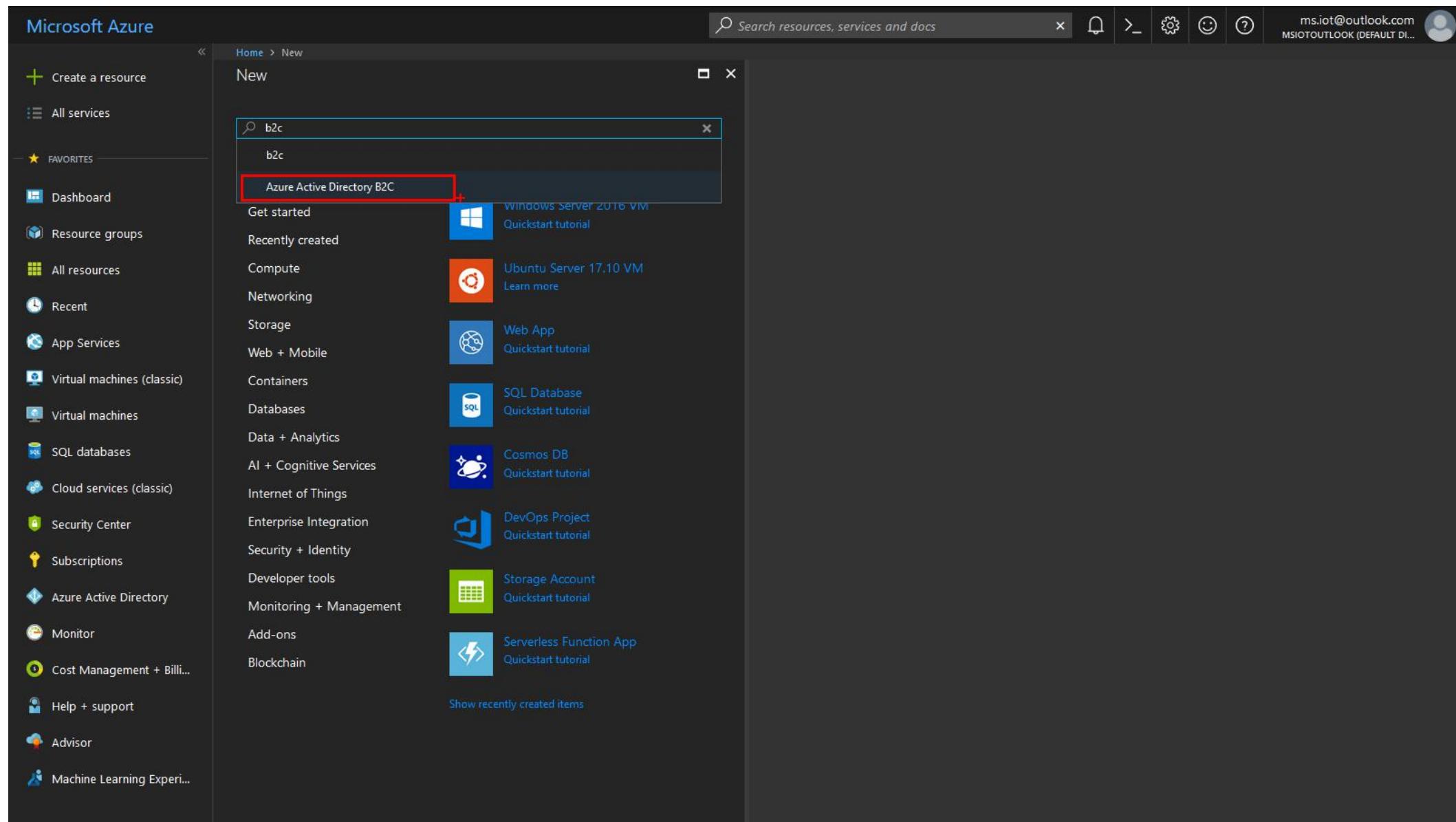
- Configuring Azure AD B2C
- Deploy Solution to Azure

About this Document

- This document helps the user to get the Security and Surveillance solution working under user's Azure account.
- The document is briefly divided into two categories which are "Configuring Azure AD B2C" and "Deployment".
- The "Configuring Azure AD B2C" part helps you to create Azure AD B2C and make it ready to host Security and Surveillance solution. Please note that this step is mandatory before deployment as some of the details acquired in this step would be used during the actual deployment.
- The Deployment part, as the name suggests deals with the actual deployment of solution which happens with the help of Azure ARM templates.

Configuring Azure AD B2C

Login to Azure Portal - Creating AAD B2C



The screenshot shows the Microsoft Azure portal's 'New' blade. On the left, there's a sidebar with various service icons and links like 'Create a resource', 'All services', 'Dashboard', etc. The main area has a search bar at the top with the text 'b2c'. Below it, a list of services is displayed, with 'Azure Active Directory B2C' being the first item and highlighted with a red box. The other items in the list include 'Get started', 'Recently created', 'Compute', 'Networking', 'Storage', 'Web + Mobile', 'Containers', 'Databases', 'Data + Analytics', 'AI + Cognitive Services', 'Internet of Things', 'Enterprise Integration', 'Security + Identity', 'Developer tools', 'Monitoring + Management', 'Add-ons', and 'Blockchain'. Each item has a small icon and a 'Quickstart tutorial' link.

Microsoft Azure

Home > New > Azure Active Directory B2C

Azure Active Directory B2C Microsoft

Consumer identity and access management in the cloud

A highly available, global, identity management service for customer-facing applications that scales to hundreds of millions of identities. It can be easily integrated across mobile and web platforms. Your customers can log on to all your applications through fully customizable experiences by using their existing social accounts or by creating new credentials.

- Protect your consumer's identities
- Login with social media accounts
- Customizable user experiences
- Pay only for what you use

Get started today with a free tier up to 50,000 users and 50,000 authentications per month for Pay As You Go Azure subscriptions. A subscription is not required.

[Twitter](#) [Facebook](#) [LinkedIn](#) [YouTube](#) [Google+](#) [Email](#)

Microsoft Azure AZURE AD B2C SETTINGS > Settings > All policies > B2C_1_SignupSignin

Settings All policies B2C_1_SignupSignin

Filter settings + Add Import Policy

Run Policy Select Application Web App

Run Policy Select Reply URL https://logon.b2clogin.com

All policies

Applications Identity providers User attributes Users and groups

Rules Sign-up policies Sign-in policies Sign-up or sign-in policies Profile editing policies Password reset policies All policies

B2C_1_SignupSignin Default template

B2C_1_MSA Default template

B2C_1_SignIn Default template

B2C_1_SignUp Default template

B2C_1_SignupSignin Default template

Create

https://twitter.com/intent/tweet?text=Just discovered Azure Active Directory B2C is available from Microsoft #Azure Marketplace. And it'...com/services/active-directory/?utm_source=mkt-AzureADB2C&utm_content=00cd4b1dd9524ea19bb0b3b841bea0f7&utm_campaign=social&utm_medium=T

Microsoft Azure

Home > New > Azure Active Directory B2C > Create new B2C Tenant or Link to existing Tenant

Create new B2C Tenant or Link to existing Tenant

Create a new Azure AD B2C Tenant ?

Link an existing Azure AD B2C Tenant to my Azure subscription ?

Search resources, services and docs x 3 > ⚙️ 😊 ?

ms.iot@outlook.com MSIOTOUTLOOK (DEFAULT DI... 

+ Create a resource

All services

FAVORITES

Dashboard

Resource groups

All resources

Recent

App Services

Virtual machines (classic)

Virtual machines

SQL databases

Cloud services (classic)

Security Center

Subscriptions

Azure Active Directory

Monitor

Cost Management + Billi...

Help + support

Advisor

Machine Learning Experi...

Microsoft Azure

Home > New > Azure Active Directory B2C > Create new B2C Tenant or Link to existing Tenant > Azure AD B2C Create Tenant

Create new B2C Tenant or Link to existing Tenant

Search resources, services and docs

ms.iot@outlook.com
MSIOTOUTLOOK (DEFAULT DI...)

Create a resource

All services

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App Services

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Virtual machines

SQL databases

Cloud services (classic)

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Subscriptions

Azure Active Directory

Monitor

Cost Management + Billi...

Help + support

Advisor

Machine Learning Experi...

Create a new Azure AD B2C Tenant

Link an existing Azure AD B2C Tenant to my Azure subscription

Azure AD B2C Create Tenant

* Organization name: Mobiliya

* Initial domain name: snsdemodeploy
snsdemodeploy.onmicrosoft.com

Country or region: United States

Directory creation will take about one minute.

Create

Microsoft Azure

Dashboard + New dashboard Upload dashboard Download dashboard Edit dashboard Share Full screen Clone Notifications Dismiss Information Completed All

Create a resource

All services

Favorites

Dashboard

Resource groups

All resources

Recent

App Services

Virtual machines (classic)

Virtual machines

SQL databases

Cloud services (classic)

Security Center

Subscriptions

Azure Active Directory

Monitor

Cost Management + Billi...

Help + support

Advisor

Machine Learning Experi...

All resources ALL SUBSCRIPTIONS Refresh

assetchkbkwebapp

arm

sns-mongo

atsnxv3restapp

atsnxv3webapp

atsnxv3mobilegw

SnSServerBackend

DaveyIoTHub

See more...

Service Health

Personalized guidance and support when issues in Azure services affect you. Learn more

DaveyImageAnalysis COGNITIVE SERVICES Active

SnSVM

AssetEventHub EVENTHUB Running

Marketplace Active

Resources SNS Refresh

sns-mongo

SnSServerBackend

SnSWebapp

snscloudcomputeengine

SnSWebAppDev

SnSSettingsCheck

SnSAppServPlan

snsdevcloudcompute...

See more...

Create directory 3:39 PM

Successfully created directory Mobiliya.

Microsoft Azure

Home > New > Azure Active Directory B2C > Create new B2C Tenant or Link to existing Tenant

Search resources, services and docs

Create a resource

All services

FAVORITES

- Dashboard
- Resource groups
- All resources
- Recent
- App Services
- Virtual machines (classic)
- Virtual machines
- SQL databases
- Cloud services (classic)
- Security Center
- Subscriptions
- Azure Active Directory
- Monitor
- Cost Management + Billi...
- Help + support
- Advisor
- Machine Learning Experi...

Create new B2C Tenant or Link to existing Tenant

Create a new Azure AD B2C Tenant

Link an existing Azure AD B2C Tenant to my Azure subscription

The "Link an existing Azure AD B2C Tenant to my Azure subscription" option is highlighted with a red box.

Microsoft Azure

Home > New > Azure Active Directory B2C > Create new B2C Tenant or Link to existing Tenant > Azure AD B2C Resource

Create new B2C Tenant or Link to existing Tenant

Create a new Azure AD B2C Tenant

Link an existing Azure AD B2C Tenant to my Azure subscription

Azure AD B2C Resource

Azure AD B2C Tenant: snsdemodeploy.onmicrosoft.com

Azure AD B2C Resource name: snsdemodeploy.onmicrosoft.com

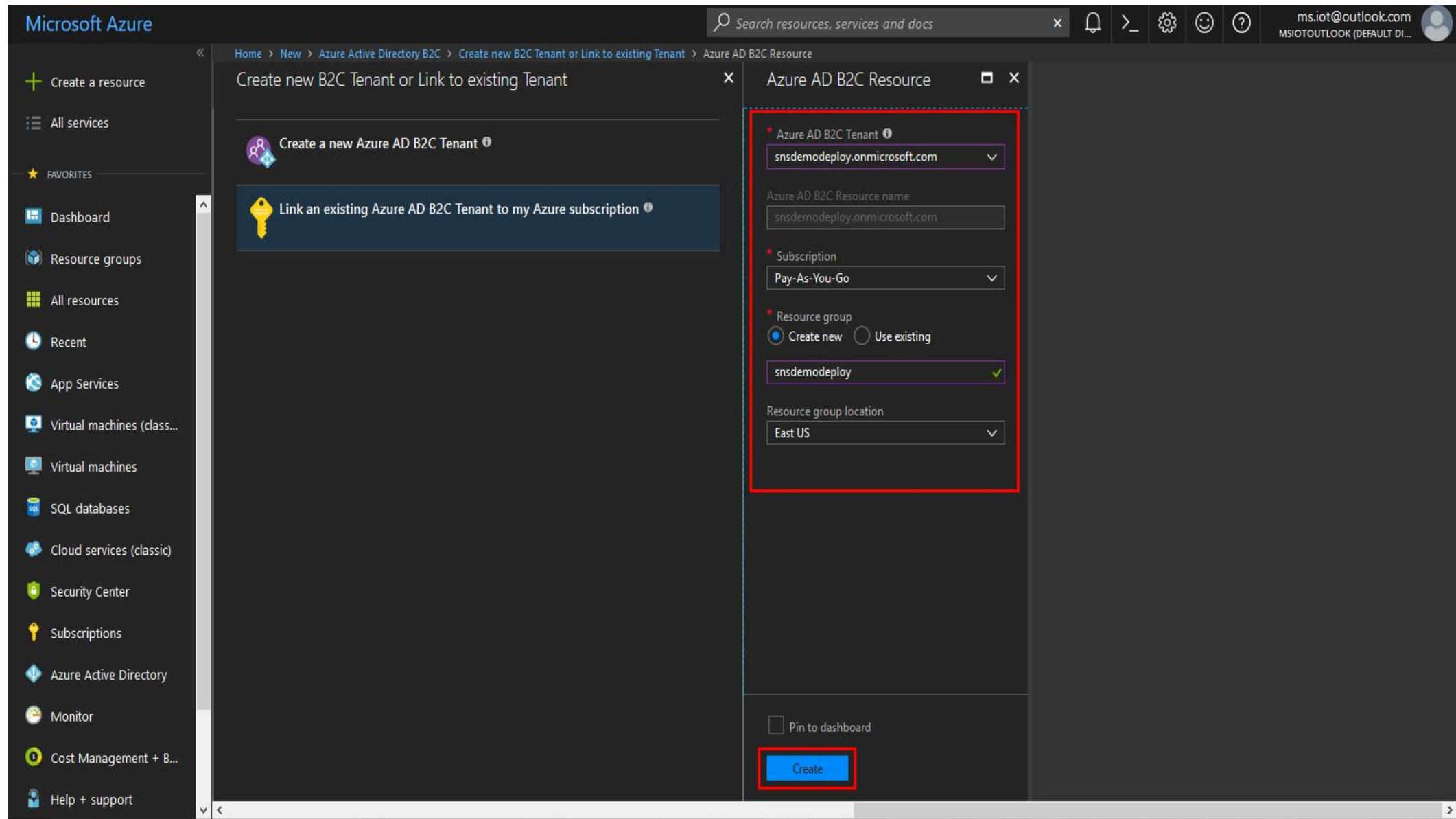
Subscription: Pay-As-You-Go

Resource group: Create new (snsdemodeploy)

Resource group location: East US

Pin to dashboard

Create



Microsoft Azure

Dashboard

All resources ALL SUBSCRIPTIONS Refresh

- SnSServerDevBackend
- SnSServerBackend
- atsnxv3restapp
- assetchkbkrestapp
- sqlserveredldfkdkbgqya
- assetchkbkdocdbgd3f...
- assetchkbkwebapp
- arm

See more...

Service Health

DaveyImageAnalysis COGNITIVE SERVICES Active

Resources SNS Refresh

- SnSServerBackend
- sns-mongo
- SnSWebapp
- snscloudcomputeengine
- SnSWebAppDev
- SnSSettingsCheck
- SnSAppServPlan
- snsdevcloudcompute...

SnSVM Running

AssetEventHub EVENTHUB Active

Marketplace

Notifications

Dismiss: Informational Completed All

Deployment succeeded 3:42 PM Deployment 'Microsoft.AzureActiveDirectory' to resource group 'snsdemodeploy' was successful.

Go to resource Pin to dashboard

Microsoft Azure

Dashboard + New dashboard Upload Download Edit Share Full screen Clone Delete

Search resources, services, and docs

All resources ALL SUBSCRIPTIONS Refresh

- snsample
- utaswebapp
- SnFaceAPI
- snsdiag148
- snsarm
- SnServerBackend
- atsnxv5dochbd3f7mnjwpuyu
- sqlservermjcepfd2votum
- atsnxv5nodeapp
- snsiohub
- DaveyIoTHub
- atsnxv5AppServPlan
- atsnxv5restapp
- atsnxv5eventhubmjcepfd2votum
- atsnxv5iothubmjcepfd2votum
- mjcepfd2votumatvm

Service Health

Personalized guidance and support when issues in Azure services affect you. [Learn more](#)

AssetEventHub EVENTHUB Active

Marketplace

Resources SNS Refresh

- SnSFaceAPI
- snsdiag148
- snsarm
- SnServerBackend
- snsiohub
- sns-mongo
- SnSAppServPlan
- SnSB2C.onmicrosoft.com

See more...

Directory + subscription

- 530daca0-269a-4f8d-bbb7-73c004e4dd3a
- AssetMonitoring**
AssetMonitoringB2C.onmicrosoft.com
baf91d43-dd71-4305-a352-bece4593b468
- FirstAD**
FirstActiveDir.onmicrosoft.com
67c84d3d-f2e9-45a9-88c9-469187f34220
- Franklin Energy Services, LLC.**
franklinenergy.onmicrosoft.com
a8ee12a3-5bcd-4f4e-b3f4-bbf43d9c570a
- mobiliya**
mobiliyaiot.onmicrosoft.com
2e41a9cc-f6cd-442b-ba87-48f9fa61d5c9
- Mobiliya**
SnSB2C.onmicrosoft.com
b868ee16-7b0d-470f-9ec9-e8a551bbafbc
- Mobiliya**
snsdemodeploy.onmicrosoft.com
b7a92242-6579-472f-a354-4fb354027529
- Mobiliya**
snstest.onmicrosoft.com
1249a802-f7a3-4da3-a5c1-0ecf8385478f
- Mobiliya**
snstestdeploy.onmicrosoft.com
72bd97eb-f221-4ee9-91f0-5927851ad37c
- MobiliyaSnS**
snsSample.onmicrosoft.com
c9d825fa-726d-45d6-8fb6-103a2bf7ade2
- msiotoutlook (Default Directory)**
msiotoutlook.onmicrosoft.com
a777201d-76f6-418d-a006-757537715aae
- TestDeployment**
snstesteddeployment.onmicrosoft.com
2ecce51e-7c00-407a-8d35-29498918684d
- TryAD**
TryADir.onmicrosoft.com
5ad6baa9-f063-448f-997b-883dfe7f70da

Microsoft Azure

Dashboard

No resources to display

Create resources

RESOURCES

0 results

RESOURCE GROUPS

0 results

SERVICES

Azure AD B2C

MARKETPLACE

All results >

Azure Active Directory B2C

DOCUMENTATION

All results >

Azure Active Directory B2C: User migration approaches ...

Discuss core and advanced concepts on user migration using Graph API and opt...

Azure AD B2C - docs.microsoft.com

Azure AD B2C is a cloud identity management solution for your web and mobile ...

Azure Active Directory B2C: Secure your RESTful services ...

Secure your custom REST API claims exchanges in your Azure AD B2C by using ...

Azure Active Directory B2C Documentation - Tutorials, API ...

Learn how to set up and manage comprehensive consumer identity managemen...

Windows Virtual Machines

Provision Windows VMs

Linux Virtual Machines

Provision Ubuntu, Red Hat, CentOS, SUSE, CoreOS VMs

App Service

Create Web Apps using .NET, Java, Node.js, Python, PHP

Functions

Process events with a serverless code architecture

SQL Database

Managed relational SQL Database as a Service

Service Health

Marketplace

https://portal.azure.com

Microsoft Azure

Home > Azure AD B2C

Azure AD B2C
snsdemodeploy.onmicrosoft.com

Create a resource

All services

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Search (Ctrl+ /)

Overview

MANAGE

- Applications
- Identity providers
- User attributes
- Users

POLICIES

- Sign-up or sign-in policies (highlighted with a red box)
- Profile editing policies
- Password reset policies
- Sign-up policies
- Sign-in policies
- All policies

Troubleshoot

Domain name: snsdemodeploy.onmicrosoft.com

Metered: Yes

Subscription ID: 22b4e5a3-9229-45e2-a9f6-8bbc0a6ebdd3

Tenant type: Production-scale tenant

Subscription status: Registered

Resource name: snsdemodeploy.onmicrosoft.com

Welcome to Azure AD B2C.

Quick Start

Identity Experience Framework - PREVIEW

Microsoft Azure

Home > Azure AD B2C - Sign-up or sign-in policies

Azure AD B2C - Sign-up or sign-in policies
snsdemodeploy.onmicrosoft.com

Search (Ctrl+/) **+ Add** Upload Policy

No policies found

Overview

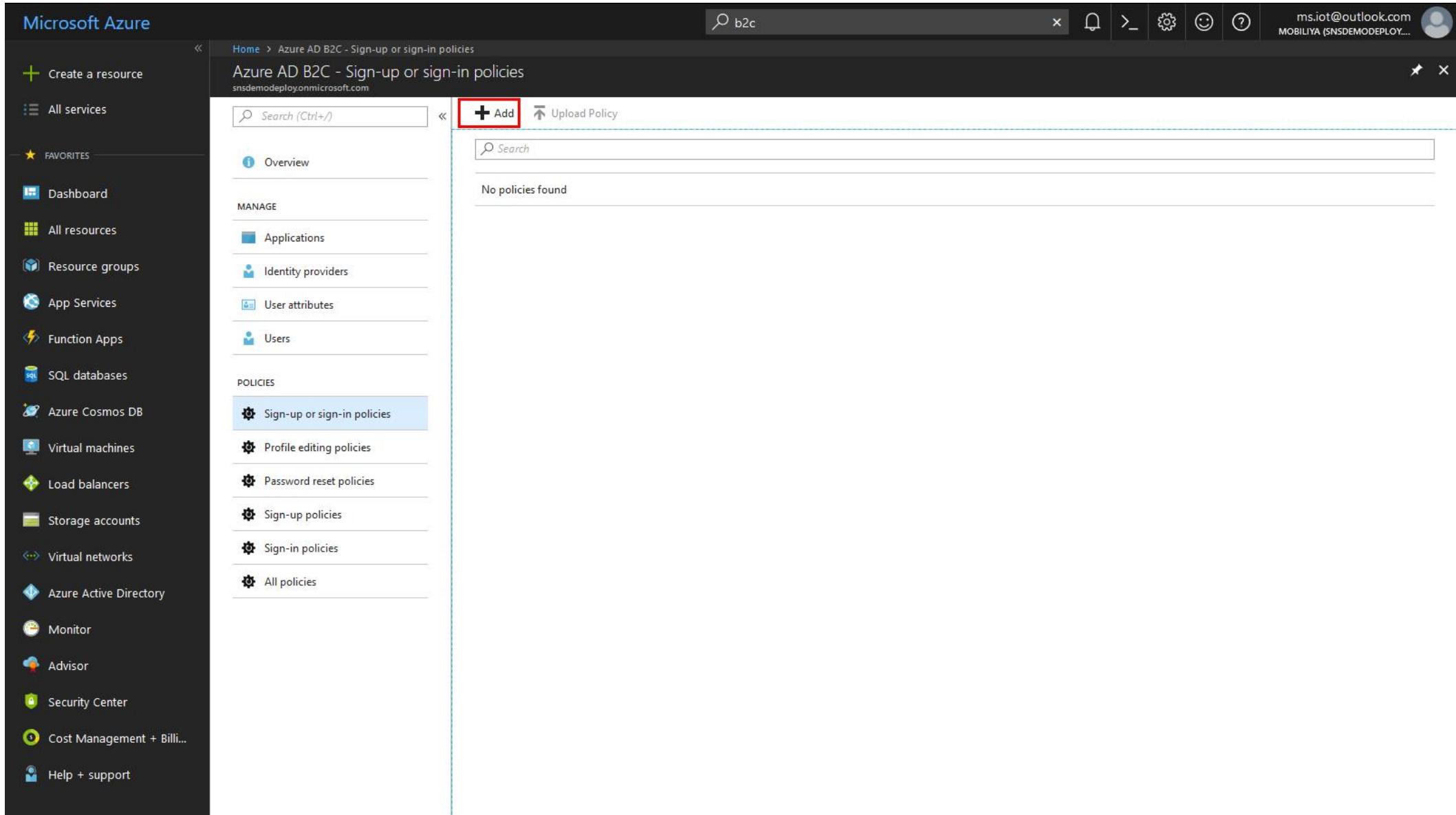
MANAGE

- Applications
- Identity providers
- User attributes
- Users

POLICIES

- Sign-up or sign-in policies**
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- Sign-up policies
- Sign-in policies
- All policies

Create a resource All services FAVORITES Dashboard All resources Resource groups App Services Function Apps SQL databases Azure Cosmos DB Virtual machines Load balancers Storage accounts Virtual networks Azure Active Directory Monitor Advisor Security Center Cost Management + Billi... Help + support



Microsoft Azure

Home > Azure AD B2C - Sign-up or sign-in policies > Add policy > Select identity providers

Add policy X

New sign-up or sign-in policy

* Name !
signUp-In ✓

* Identity providers !
0 Selected >

Sign-up attributes !
0 Selected >

Application claims !
0 Selected >

Multifactor authentication !
Off >

Page UI customization !
Default 🔒

Create OK

Select identity providers X

ms.riot@outlook.com MOBILIYA (SNSDEMODEPLOY... User Icon

SEARCH b2c Icons: Bell, Share, Gear, Smile, Question

NAME IDENTITY PROVIDER

Email signup Local Account

The screenshot shows the Microsoft Azure portal interface for creating a new sign-up or sign-in policy in Azure AD B2C. The main panel displays configuration steps: setting the policy name to 'signUp-In', selecting identity providers (none selected), defining sign-up attributes (none selected), applying application claims (none selected), enabling multifactor authentication (off), and customizing the page UI (default). A secondary modal window, 'Select identity providers', lists a single provider: 'Email signup' under 'Local Account'. Both the 'Identity providers' section in the main panel and the 'Email signup' row in the modal are highlighted with red boxes. The 'OK' button at the bottom of the modal is also highlighted with a red box.

Microsoft Azure

Add policy

New sign-up or sign-in policy

* Name: signUp-In

* Identity providers: 1 Selected

Sign-up attributes: 0 Selected

Application claims: 0 Selected

Multifactor authentication: Off

Page UI customization: Default

OK

Select sign-up attributes

NAME	DATA TYPE	DESCRIPTION	ATTRIBUTE TYPE
City	String	City	Built-in
Country/Region	String	Country/Region	Built-in
Display Name	String	Display Name	Built-in
Email Address	String	Email Address	Built-in
Given Name	String	Given Name	Built-in
Job Title	String	Job Title	Built-in
Postal Code	String	Postal Code	Built-in
State/Province	String	State/Province	Built-in
Street Address	String	Street Address	Built-in
Surname	String	Surname	Built-in

Microsoft Azure

Add policy

New sign-up or sign-in policy

* Name: signUp-In

* Identity providers: 1 Selected

Sign-up attributes: 10 Selected

Application claims: 0 Selected

Multifactor authentication: Off

Page UI customization: Default

Create

Select application claims

<input checked="" type="checkbox"/>	NAME	CLAIM TYPE	DATA TYPE	DESCRIPTION	ATTRIBUTE TYPE
<input checked="" type="checkbox"/>	City	city	String	The city in which the user is located.	Built-in
<input checked="" type="checkbox"/>	Country/Region	country	String	The country/region in which the user is located.	Built-in
<input checked="" type="checkbox"/>	Display Name	displayName	String	Display Name of the User	Built-in
<input checked="" type="checkbox"/>	Email Addresses	emails	StringCollection	Email addresses of the user.	Built-in
<input checked="" type="checkbox"/>	Given Name	givenName	String	The user's given name (also known as first name).	Built-in
<input checked="" type="checkbox"/>	Identity Provider	identityProvider	String	The social identity provider used by the user to access to your ap...	Built-in
<input checked="" type="checkbox"/>	Job Title	jobTitle	String	The user's job title.	Built-in
<input checked="" type="checkbox"/>	Postal Code	postalCode	String	The postal code of the user's address.	Built-in
<input checked="" type="checkbox"/>	State/Province	state	String	The state or province in user's address.	Built-in
<input checked="" type="checkbox"/>	Street Address	streetAddress	String	The street address where the user is located	Built-in
<input checked="" type="checkbox"/>	Surname	surname	String	The user's surname (also known as family name or last name).	Built-in
<input checked="" type="checkbox"/>	User is new	newUser	Boolean	True, if the user has just signed-up for your application	Built-in
<input checked="" type="checkbox"/>	User's Object ID	objectId	String	Object identifier (ID) of the user object in Azure AD.	Built-in

OK

Microsoft Azure

Home > Azure AD B2C - Sign-up or sign-in policies > Add policy

Add policy

New sign-up or sign-in policy

* Name ✓

* Identity providers >

Sign-up attributes >

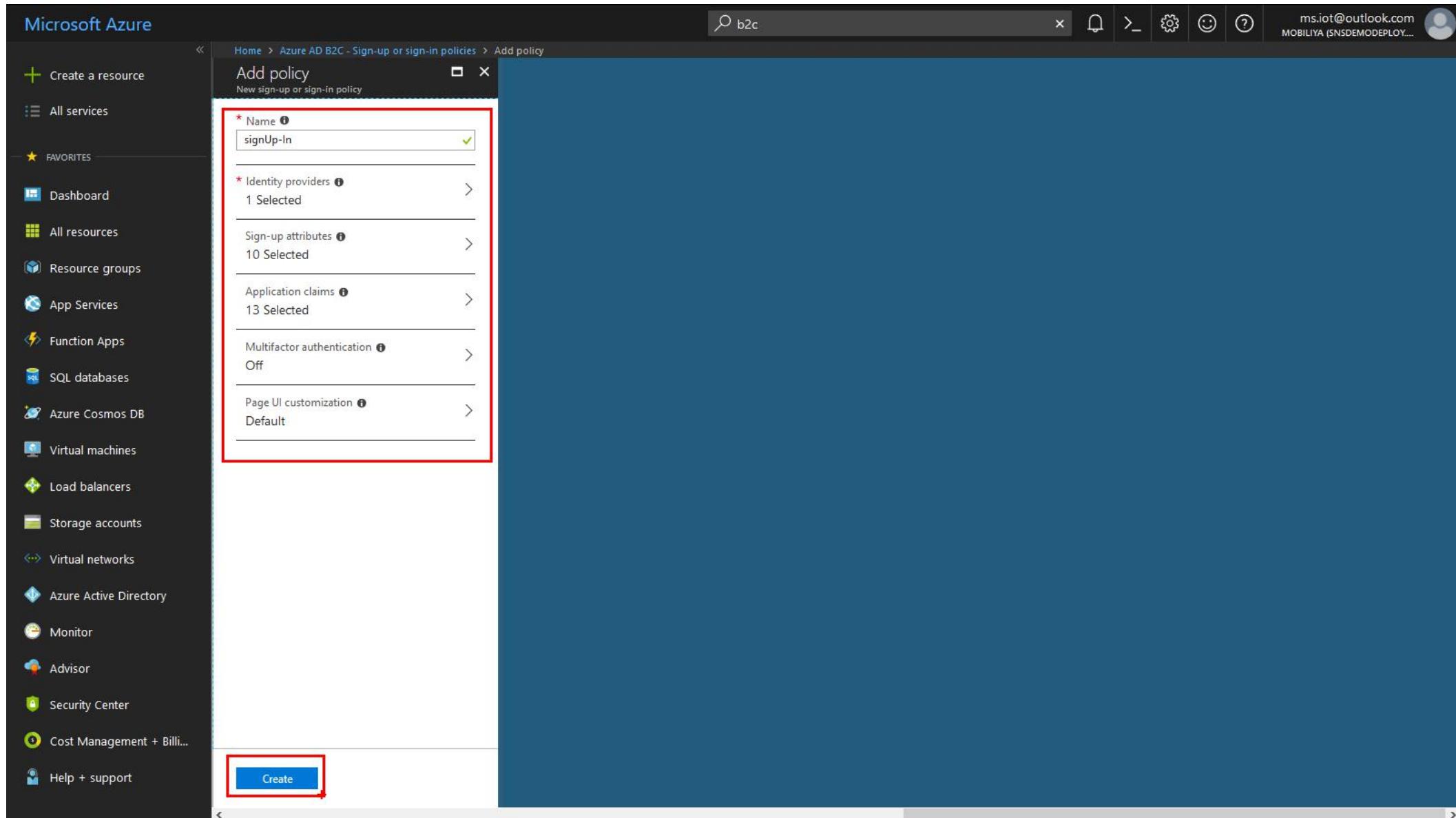
Application claims >

Multifactor authentication >

Page UI customization >

Create

ms.iot@outlook.com
MOBILIYA (SNSDEMODEPLOY...)



Microsoft Azure

Home > Azure AD B2C - Sign-up or sign-in policies

Azure AD B2C - Sign-up or sign-in policies
snsdemodeploy.onmicrosoft.com

Search (Ctrl+ /)

Add Upload Policy

Overview

Manage

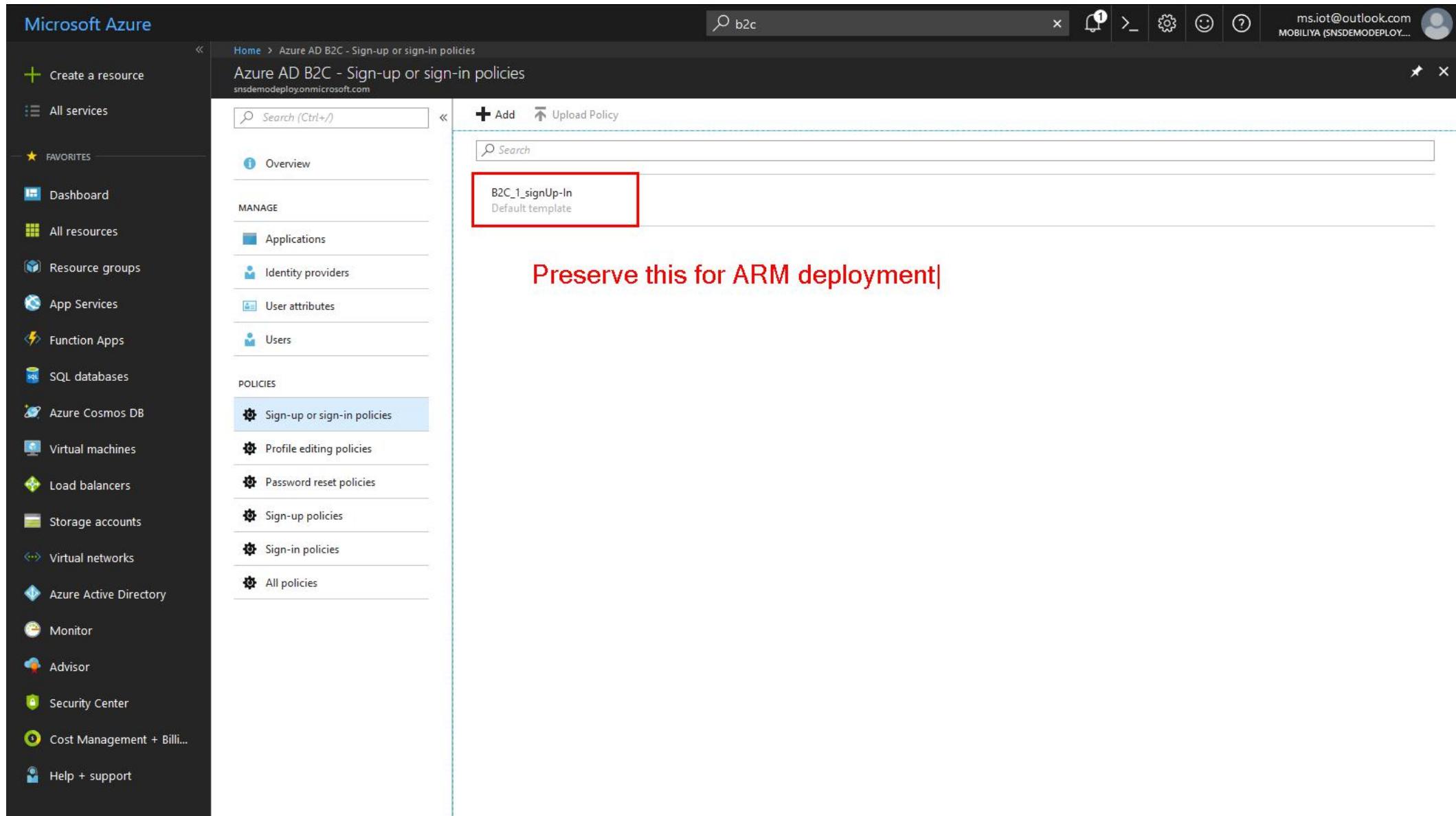
- Applications
- Identity providers
- User attributes
- Users

Policies

- Sign-up or sign-in policies
- Profile editing policies
- Password reset policies
- Sign-up policies
- Sign-in policies
- All policies

B2C_1_signUp-In
Default template

Preserve this for ARM deployment!



Microsoft Azure

Home > Azure AD B2C - Sign-up or sign-in policies

Azure AD B2C - Sign-up or sign-in policies
snsdemodeploy.onmicrosoft.com

Search (Ctrl+ /)

+ Add Upload Policy

Overview

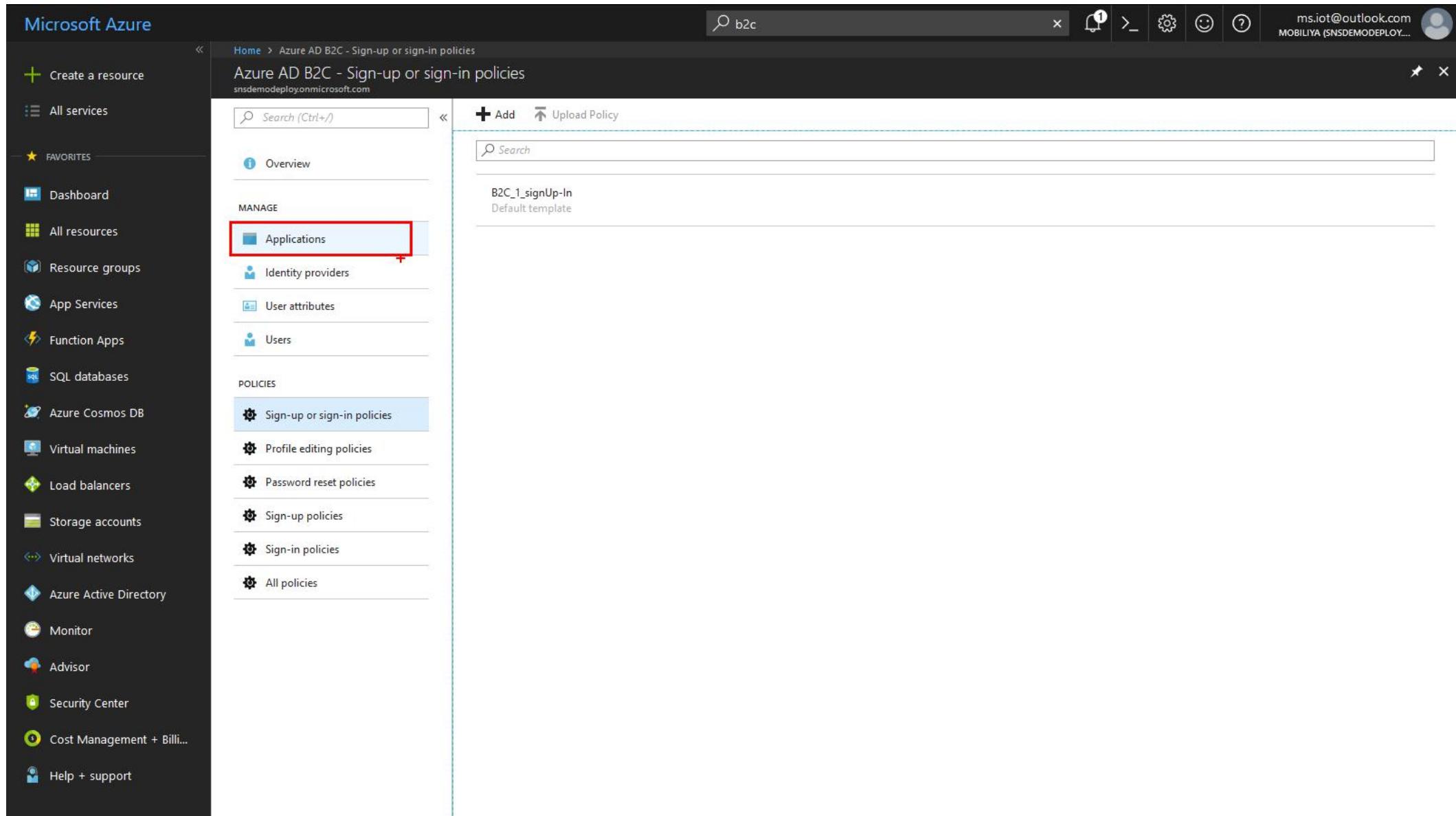
MANAGE

- Applications** (highlighted with a red box)
- Identity providers
- User attributes
- Users

POLICIES

- Sign-up or sign-in policies** (highlighted with a blue box)
- Profile editing policies
- Password reset policies
- Sign-up policies
- Sign-in policies
- All policies

B2C_1_signUp-In
Default template



Microsoft Azure

Home > Azure AD B2C - Applications

Azure AD B2C - Applications
snsdemodeploy.onmicrosoft.com

Search (Ctrl+ /) **+ Add**

Overview

MANAGE

- Applications** (highlighted)
- Identity providers
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POLICIES

- Sign-up or sign-in policies
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- Password reset policies
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- Sign-in policies
- All policies

No applications found in the tenant

NAME APPLICATION ID

+

The screenshot shows the Microsoft Azure portal interface for managing Azure AD B2C applications. On the left, a sidebar lists various services like Dashboard, All resources, Resource groups, etc. The 'Applications' option under 'Manage' is highlighted. A red box surrounds the '+ Add' button at the top right of the main content area. The main panel displays a message stating 'No applications found in the tenant'. Below this, there are columns for 'NAME' and 'APPLICATION ID', which are currently empty. At the bottom center is a large red '+' button.

Microsoft Azure

Home > Azure AD B2C - Applications > New application

New application

* Name

Web App / Web API

Include web app / web API Yes No

Allow implicit flow Yes

Redirect URLs must all belong to the same domain

Reply URL Please change this URL after deploying the ARM template with web app's URL as shown in the document

App ID URI (optional)

Native client

Include native client Yes

Redirect URI

Redirect URLs must not be http or https

Custom Redirect URI

Search resources, services and docs

ms.iot@outlook.com MOBILIYA (SNSDEMODEPLOY...)

Microsoft Azure

Home > Azure AD B2C - Applications

Azure AD B2C - Applications
snsdemodeploy.onmicrosoft.com

Create a resource

All services

FAVORITES

Dashboard

All resources

Resource groups

App Services

Function Apps

SQL databases

Azure Cosmos DB

Virtual machines

Load balancers

Storage accounts

Virtual networks

Azure Active Directory

Monitor

Advisor

Security Center

Cost Management + Billi...

Help + support

Search resources, services and docs

Add

NAME: SnSDemoDeploy

APPLICATION ID: afad337c-825a-4427-9e56-05da2aed7171

MANAGE

- Overview
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- Identity providers
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POLICIES

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- Password reset policies
- Sign-up policies
- Sign-in policies
- All policies

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Properties

SnSDemoDeploy - Properties

Save Discard Delete

Name: SnSDemoDeploy

Application ID: afad337c-825a-4427-9e56-05da2aed7171

Web App / Web API

Include web app / web API: Yes

Allow implicit flow: Yes

Redirect URIs must all belong to the same domain

Reply URL: https://abc.com/

App ID URI (optional): https://snsdemodeploy.onmicrosoft.com/ SnSDemoDeploy

Native client

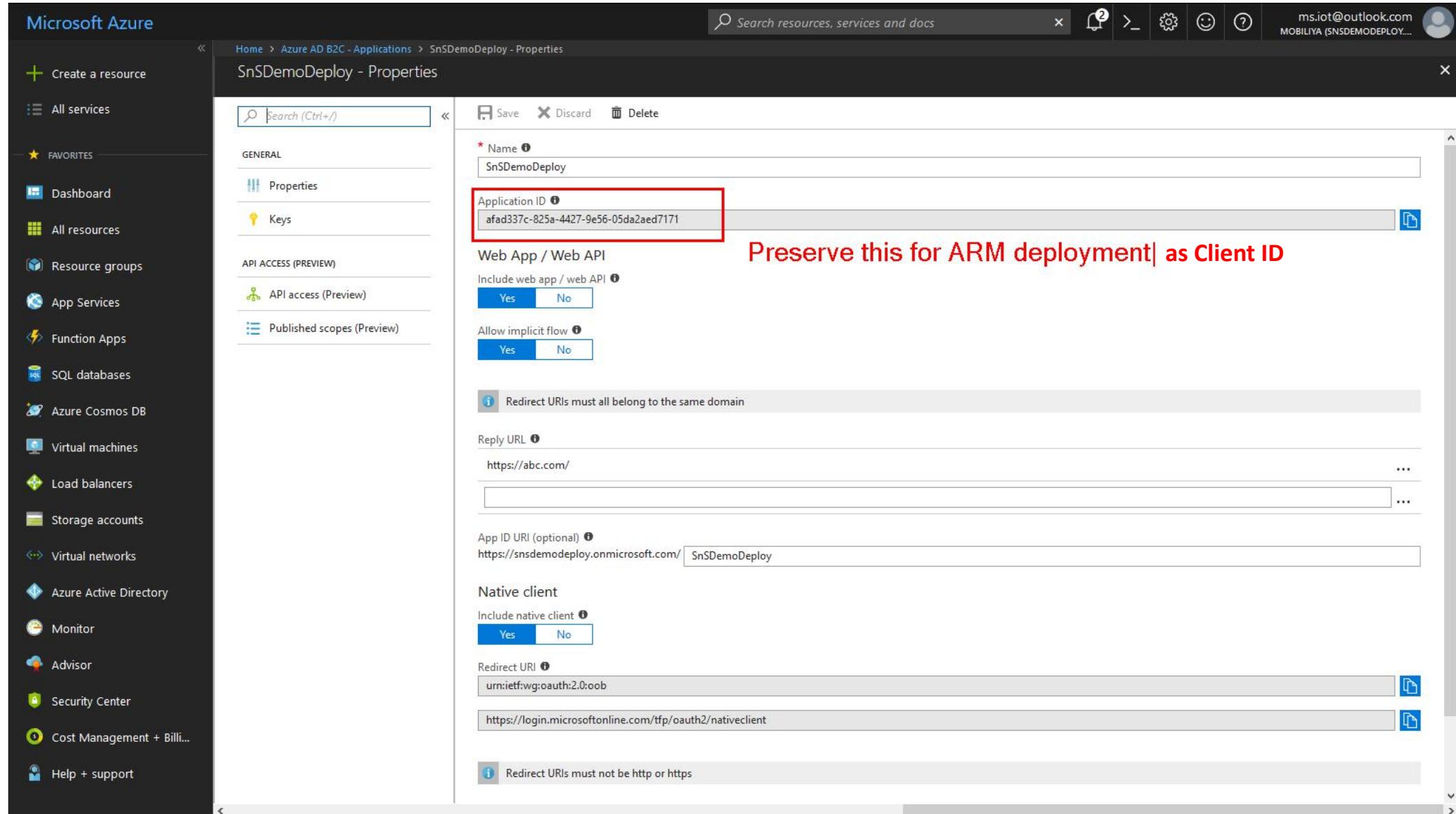
Include native client: Yes

Redirect URI: urn:ietf:wg:oauth:2.0:oob

https://login.microsoftonline.com/tfp/oauth2/nativeclient

Redirect URIs must not be http or https

Preserve this for ARM deployment| as Client ID



Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Properties

Create a resource

All services

FAVORITES

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- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

SnSDemoDeploy - Properties

Save Discard Delete

Name: SnSDemoDeploy

Application ID: afad337c-825a-4427-9e56-05da2aed7171

Web App / Web API

Include web app / web API: Yes

Allow implicit flow: Yes

Published scopes (Preview)

Redirect URIs must all belong to the same domain

Reply URL: https://abc.com/

App ID URI (optional): https://snsdemodeploy.onmicrosoft.com/ SnSDemoDeploy

Native client

Include native client: Yes

Redirect URI: urn:ietf:wg:oauth:2.0:oob

https://login.microsoftonline.com/tfp/oauth2/nativeclient

Redirect URIs must not be http or https

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Published scopes (Preview)

SnSDemoDeploy - Published scopes (Preview)

Search resources, services and docs

Create a resource

All services

FAVORITES

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- Virtual networks
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Properties

Keys

API ACCESS (PREVIEW)

API access (Preview)

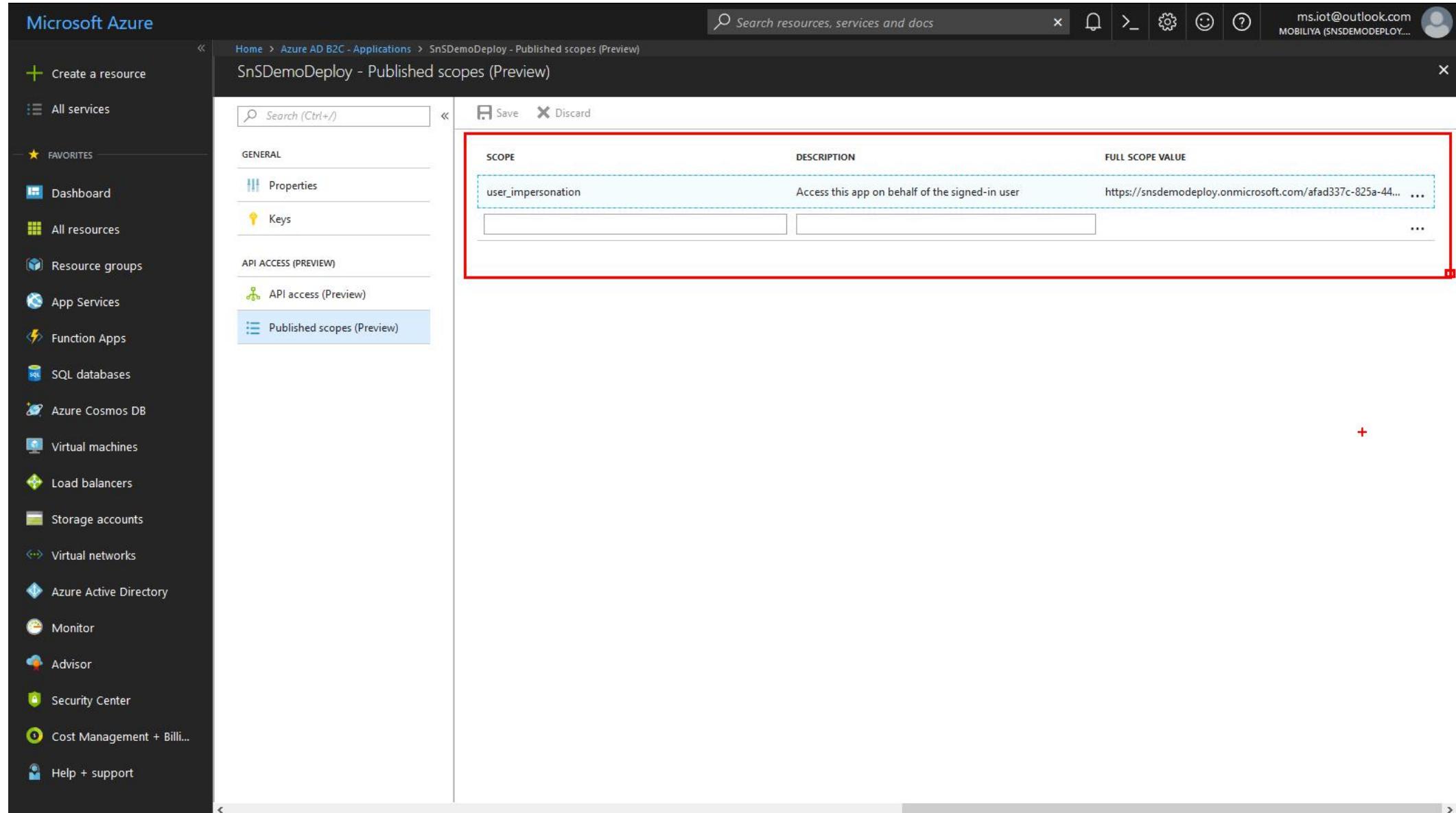
Published scopes (Preview)

Save Discard

SCOPE	DESCRIPTION	FULL SCOPE VALUE
user_impersonation	Access this app on behalf of the signed-in user	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...

...

+



Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Published scopes (Preview)

SnSDemoDeploy - Published scopes (Preview)

Search resources, services and docs

Save Discard

GENERAL

Properties Keys

API ACCESS (PREVIEW)

API access (Preview)

Published scopes (Preview)

SCOPE DESCRIPTION FULL SCOPE VALUE

SCOPE	DESCRIPTION	FULL SCOPE VALUE
user_impersonation	Access this app on behalf of the signed-in user	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
offline_access	Access the user's profile	...
write	Allow this app to write	...
read	Allow this app to read notes	...
+ []	[]	[]

Create a resource All services FAVORITES Dashboard All resources Resource groups App Services Function Apps SQL databases Azure Cosmos DB Virtual machines Load balancers Storage accounts Virtual networks Azure Active Directory Monitor Advisor Security Center Cost Management + Billi... Help + support

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Published scopes (Preview)

SnSDemoDeploy - Published scopes (Preview)

Search resources, services and docs

Create a resource

All services

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- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Properties

Keys

API ACCESS (PREVIEW)

API access (Preview)

Published scopes (Preview)

Save Discard

SCOPE DESCRIPTION FULL SCOPE VALUE

SCOPE	DESCRIPTION	FULL SCOPE VALUE
user_impersonation	Access this app on behalf of the signed-in user	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
offline_access	Access the user's profile	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
write	Allow this app to write	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
read	Allow this app to read notes	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...

Update Published Scopes Success 4:28 PM
Published Scopes were successfully updated

...

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Published scopes (Preview)

SnSDemoDeploy - Published scopes (Preview)

GENERAL

SCOPE

SCOPE	DESCRIPTION	FULL SCOPE VALUE
user_impersonation	Access this app on behalf of the signed-in user	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
offline_access	Access the user's profile	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... /user_impersonation
write	Allow this app to write	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
read	Allow this app to read notes	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...

Properties

Keys

API ACCESS (PREVIEW)

API access (Preview)

Published scopes (Preview)

Save **Discard**

Search (Ctrl+ /)

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Kindly ensure that exact same scope keys, as shown, are entered while scope creation

Preserve this for ARM deployment| as B2C scope

The valid value is till the '/' (excluding '/') please omit '/' and the value thereafter

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - Published scopes (Preview)

SnSDemoDeploy - Published scopes (Preview)

Search resources, services and docs

Create a resource

All services

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Properties

Keys

API ACCESS (PREVIEW)

API access (Preview)

Published scopes (Preview)

Save Discard

SCOPE	DESCRIPTION	FULL SCOPE VALUE
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offline_access	Access the user's profile	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
write	Allow this app to write	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...
read	Allow this app to read notes	https://snsdemodeploy.onmicrosoft.com/afad337c-825a-44... ...

Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - API access (Preview)

SnSDemoDeploy - API access (Preview)

Search resources, services and docs

Create a resource

All services

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

+ Add

GENERAL

Properties

Keys

API ACCESS (PREVIEW)

+ API access (Preview)

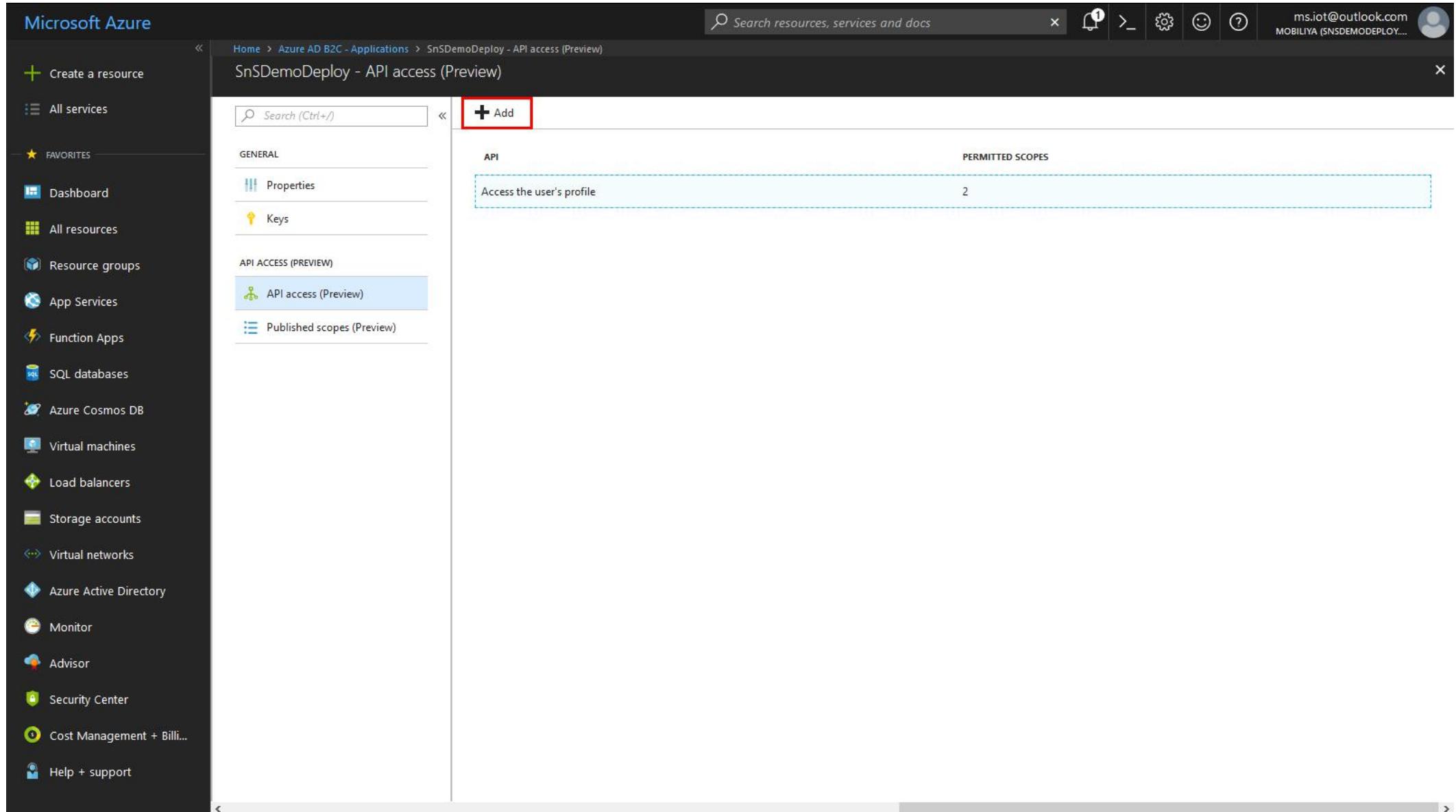
Published scopes (Preview)

API

Access the user's profile

PERMITTED SCOPES

2



Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - API access (Preview)

SnSDemoDeploy - API access (Preview)

Search resources, services and docs

Create a resource

All services

Favorites

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Properties

Keys

API ACCESS (PREVIEW)

API access (Preview)

Published scopes (Preview)

Add

API

PERMITTED SCOPES

Access the user's profile

2

Select API: SnSDemoDeploy

Select Scopes: 4 selected

✓ Select all

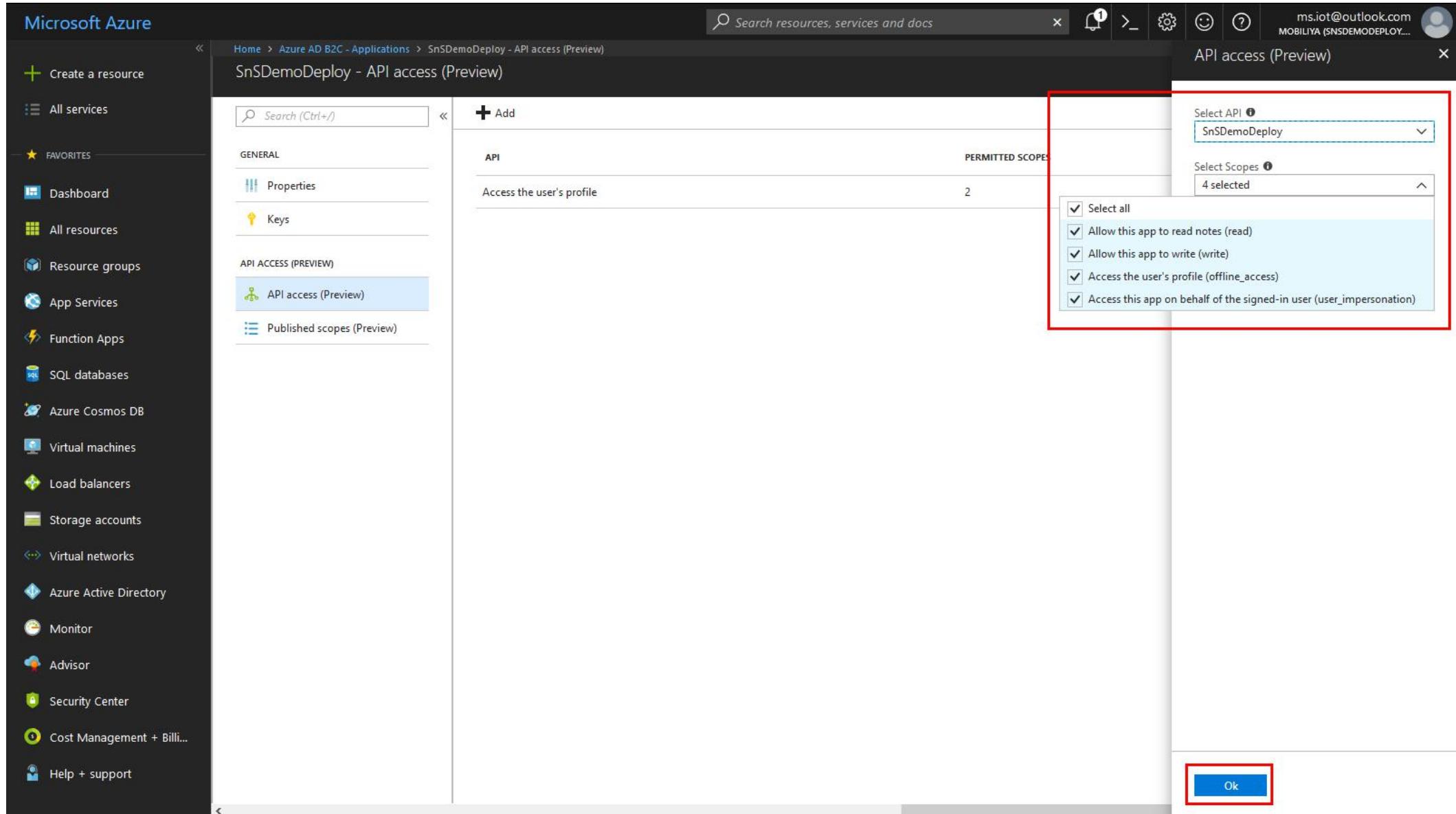
✓ Allow this app to read notes (read)

✓ Allow this app to write (write)

✓ Access the user's profile (offline_access)

✓ Access this app on behalf of the signed-in user (user_impersonation)

Ok



Microsoft Azure

Home > Azure AD B2C - Applications > SnSDemoDeploy - API access (Preview)

SnSDemoDeploy - API access (Preview)

Search resources, services and docs

Create a resource

All services

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center
- Cost Management + Billi...
- Help + support

Properties

Keys

API ACCESS (PREVIEW)

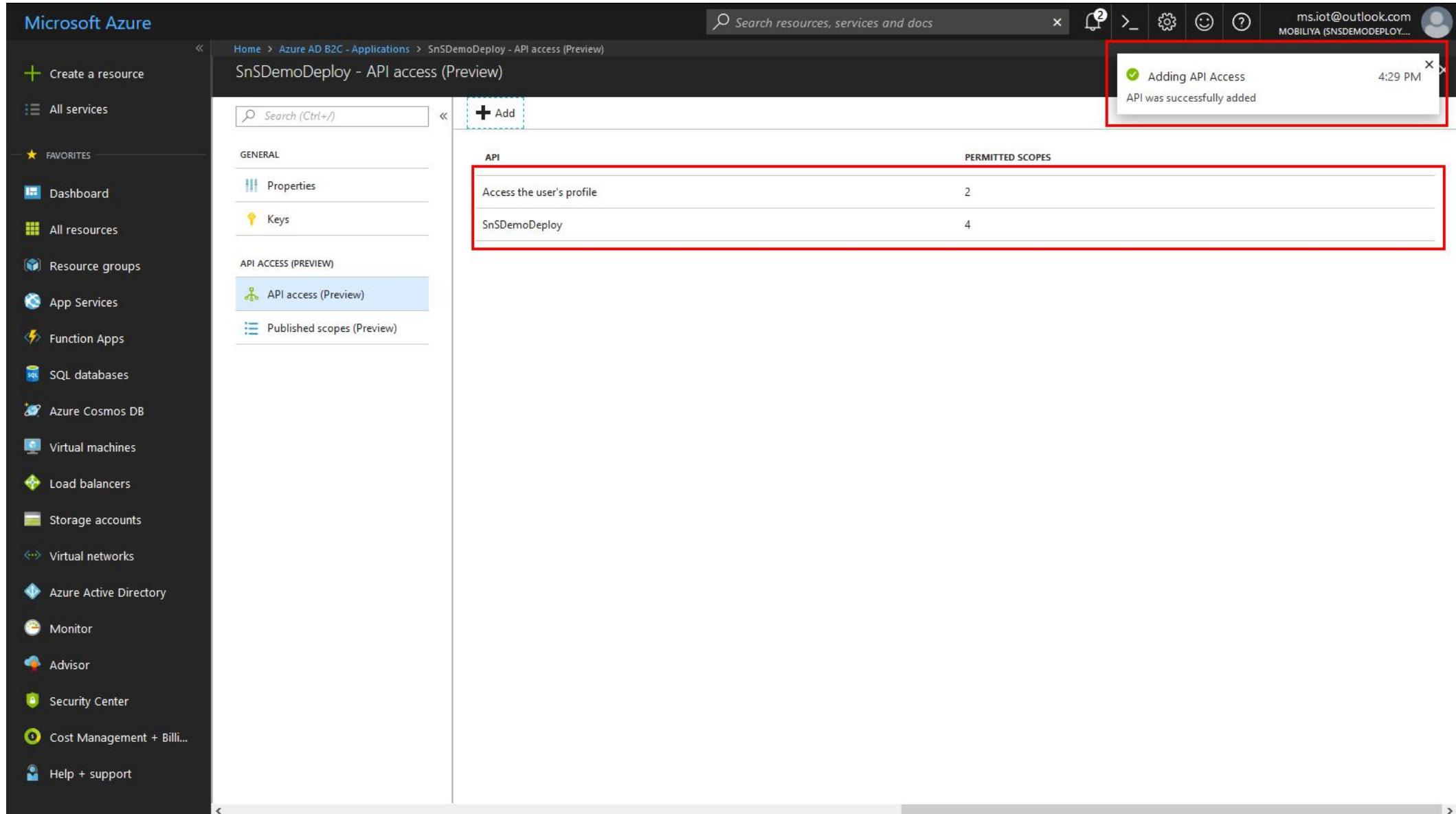
+ Add

API

API	PERMITTED SCOPES
Access the user's profile	2
SnSDemoDeploy	4

Adding API Access
API was successfully added

4:29 PM



Microsoft Azure

Dashboard

All resources ALL SUBSCRIPTIONS

No resources to display

Try changing your filters if you don't see what you're looking for.

Learn more Create resources

Azure getting started made easy!

Launch an app of your choice on Azure in a few quick steps

Create DevOps Project

Quickstart tutorials

- Windows Virtual Machines Provision Windows Server, SQL Server, SharePoint VMs
- Linux Virtual Machines Provision Ubuntu, Red Hat, CentOS, SUSE, CoreOS VMs
- App Service Create Web Apps using .NET, Java, Node.js, Python, PHP
- Functions Process events with a serverless code architecture
- SQL Database Managed relational SQL Database as a Service

Service Health Marketplace

Search resources, services and docs

New dashboard Upload dashboard Download dashboard Edit dashboard Share Full screen Clone Delete

Sign out Change password My permissions Submit an idea View my bill

DIRECTORY

- Mobiliya snsdemodeploy.onmicrosoft.com
- AgreeyamobilityLIVE.onmicrosoft.com
- AmarTest amaratest123.onmicrosoft.com
- AssetMonitoring AssetMonitoringB2C.onmicrosoft.com
- FirstAD FirstActiveDir.onmicrosoft.com
- Franklin Energy Services, LLC

A snsdemodeploy.onmicrosoft.com

Preserve this for ARM Deployment as "Tenant Name" |

<https://portal.azure.com/#>

AD B2C Configuration Done



Deploy To Azure



Pre-requisites

- Build and package source code of Web app, Backend server etc.
- Upload the packages on Azure blob storage with public container access and get package URLs for the same.

ARM Template Changes

AzureResourceGroup1

azuredploy.json

Schema: https://schema.management.azure.com/schemas/2015-01-01/deploymentTemplate.json#

```

184     //IoT Hub Variables Start
185
186     "iotHubName": "[concat(parameters('iotHubNamePrefix'),uniqueString(resourceGroup().id))]",
187     "iotHubKeyName": "iothubowner",
188     "iotHubHostName": "[concat(variables('iotHubName'),'.azure-devices.net')]",
189
190     //IoT Hub Variables End
191
192     //Face API Variables Start
193     Replace the place holder text with appropriate values of
194     package URLs and storage account details acquired in
195     Step 1.
196     //Face API Variables End
197
198     //Storage Variables Start
199     "DeployStorageAccountName": "<Placeholder for deployment storage account name>",
200     "DeployStorageAccountKey": "",
201     "WebAppDeployPackageURI": "<Placeholder for Web App deployment package blob URL>",
202     "ComputeEngineDeployPackageURI": "<Placeholder for Compute Engine deployment package blob URL>",
203     "ServerBackendDeployPackageURI": "<Placeholder for REST API App deployment package blob URL>",
204     "SasToken": "?",
205
206     //Storage Variables End
207
208     //Database Variables Start
209
210     //Document DB Variables Start
211
212     "DocDBAccountName": "[concat(toLower(parameters('docDBNamePrefix')),uniqueString('resourceGroup().id'))]",
213     "offerType": "Standard",
214     "DocDBOfferThroughput": "400",
215
216     //Document DB Variables End
217
218     //Web Ann Variables Start

```

109 %

Replace the place holder text with appropriate values of package URLs and storage account details acquired in Step 1.

↓

ARM Template Changes Continued...

- After done with ARM template changes, upload the updated ARM template onto the blob storage and acquire the blob URL for it as done for packages in Step 1.
- Create a deployment URL in the following format (replace the placeholder text with actual values)

https://portal.azure.com/#create/Microsoft.Template/uri/https%3A%2F%2F<storage_account_name>.blob.core.windows.net%2F<container_name>%2Fazureddeploy.json

- Paste the above URL in browser window and hit 'enter'

Microsoft Azure

Home > Custom deployment

Custom deployment

Deploy from a custom template

BASICS

* Subscription: Pay-As-You-Go

* Resource group: Create new (SnsDemoDeployment)

* Location: East US

SETTINGS

* IoT Hub Name Prefix: (empty)

IoT Hub Pricing Tier: S1

Capacity Units: 1

* Face API Name: (empty)

Face API Location: (empty)

Face API Pricing Tier: S0

* Doc DB Name Prefix: (empty)

App Service Plan Pricing Tier: S1

App Service Plan Instance Count: 1

Hosting Plan Name: AppServPlan

* Web Site Name: (empty)

* Compute Engine Name: (empty)

Pin to dashboard

Purchase

Search resources, services, and docs

x 🔍 ⚙️ 🌐 🎯 ? 📁 ms.riot@outlook.com MSIOTOUTLOOK (DEFAULT DI... X

Microsoft Azure

Home > Custom deployment

Custom deployment

Deploy from a custom template

App Service Plan Pricing Tier: S1

App Service Plan Instance Count: 1

Hosting Plan Name: AppServPlan

* Web Site Name:

* Compute Engine Name:

* Server Backend Name:

* B2c Client Id:

* B2c Policy:

* B2c Tenant:

* B2c User Impersonation Scope:

* Video Indexer Key:

← Enter previously preserved values

← Enter subscription key of Azure Video Indexer

TERMS AND CONDITIONS

Azure Marketplace Terms | Azure Marketplace

By clicking "Purchase," I (a) agree to the applicable legal terms associated with the offering; (b) authorize Microsoft to charge or bill my current payment method for the fees associated with the offering(s), including applicable taxes, with the same billing frequency as my Azure subscription, until I discontinue use of the offering(s); and (c) agree that, if the deployment involves 3rd party offerings, Microsoft may share my contact information and other details of such deployment with the publisher of that offering.

I agree to the terms and conditions stated above

Pin to dashboard

Purchase

Deployment Complete

Updating Reply URLs

- After the deployment succeeds, open the deployment resource group in Azure Portal and navigate to web app depending upon the name that you have used to provision the web app.
- Navigate to your B2C directory and select the application that you have created. And update the reply URL which should be in the format as below:

<https://<your web app name>.azurewebsites.net/login>

Microsoft Azure

Home > Resource groups > snssample3

snssample3 Resource group

Search (Ctrl+ /)

Add Edit columns Delete resource group Refresh Move Assign Tags

Subscription (change) Pay-As-You-Go Subscription ID 22b4e5a3-9229-45e2-a9f6-8bbc0a... Deployments 1 Succeeded

Tags (change) Click here to add tags

Overview Activity log Access control (IAM) Tags

SETTINGS

Quickstart Resource costs Deployments Policies Properties Locks Automation script

MONITORING

Metrics Alerts (classic) Diagnostics logs Application insights Log analytics (OMS)

Filter by name... All types All locations No grouping

8 items Show hidden types

NAME	TYPE	LOCATION	RESOURCE ID	RESOURCE GROUP ID
AppServPlan	App Service plan	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	snssample3
snssample3	App Service	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snssample3ce	App Service	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snssample3dbgd3f7mnjwpuyu	Azure Cosmos DB account	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snssample3face	Cognitive Services	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snssample3rest	App Service	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snssample3sf3cktdoh7ju	IoT Hub	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	
snstrgsfl3cktdoh7ju	Storage account	East US	/subscriptions/22b4e5a3-92... /subscriptions/22b4e5a3-92...	

The screenshot shows the Microsoft Azure portal interface. The left sidebar contains a navigation menu with various service icons and links. The main content area displays the 'snssample3' resource group details. It includes a summary bar with subscription information, deployment status, and a tag section. Below this is a table listing 8 resources, each with a checkbox, showing their name, type, location, resource ID, and resource group ID. The 'snssample3' resource is highlighted with a red box.

Microsoft Azure

Home > Resource groups > snssample3 > snssample3

Search resources, services, and docs

Create a resource

All services

Favorites

Dashboard

Resource groups

All resources

Recent

App Services

Virtual machines (classic)

Virtual machines

SQL databases

Cloud services (classic)

Security Center

Subscriptions

Azure Active Directory

Monitor

Cost Management + Bill...

Help + support

Advisor

Machine Learning Experi...

snssample3

App Service

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

DEPLOYMENT

Quickstart

Deployment credentials

Deployment slots

Deployment options

Continuous Delivery (Preview)

SETTINGS

Application settings

Authentication / Authorizati...

Application Insights

Managed service identity (Pr...

Backups

Custom domains

Browse Stop Swap Restart Delete Get publish profile Reset publish profile

Resource group (change)
snssample3

Status
Running

Location
East US

Subscription (change)
Pay-As-You-Go

Subscription ID
22b4e5a3-9229-45e2-a9f6-8bbc0a6ebdd3

URL
<https://snssample3.azurewebsites.net>

App Service plan/pricing tier
AppServicePlan (Standard: 1 Small)

FTP/deployment username
snssample3\mobiliyauser

FTP hostname
ftp://waws-prod-blu-081.ftp.azurewebsites.windows.net

FTPS hostname
ftps://waws-prod-blu-081.ftp.azurewebsites.windows.net

Copy this link for further usage

Diagnose and solve problems

Our self-service diagnostic and troubleshooting experience helps you identify and resolve issues with your web app.

Application Insights

Application Insights helps you detect and diagnose quality issues in your apps, and helps you understand what your users actually do with it.

App Service Advisor

App Service Advisor provides insights for improving app experience on the App Service platform. Recommendations are sorted by freshness, priority and impact to your app.

Http 5xx

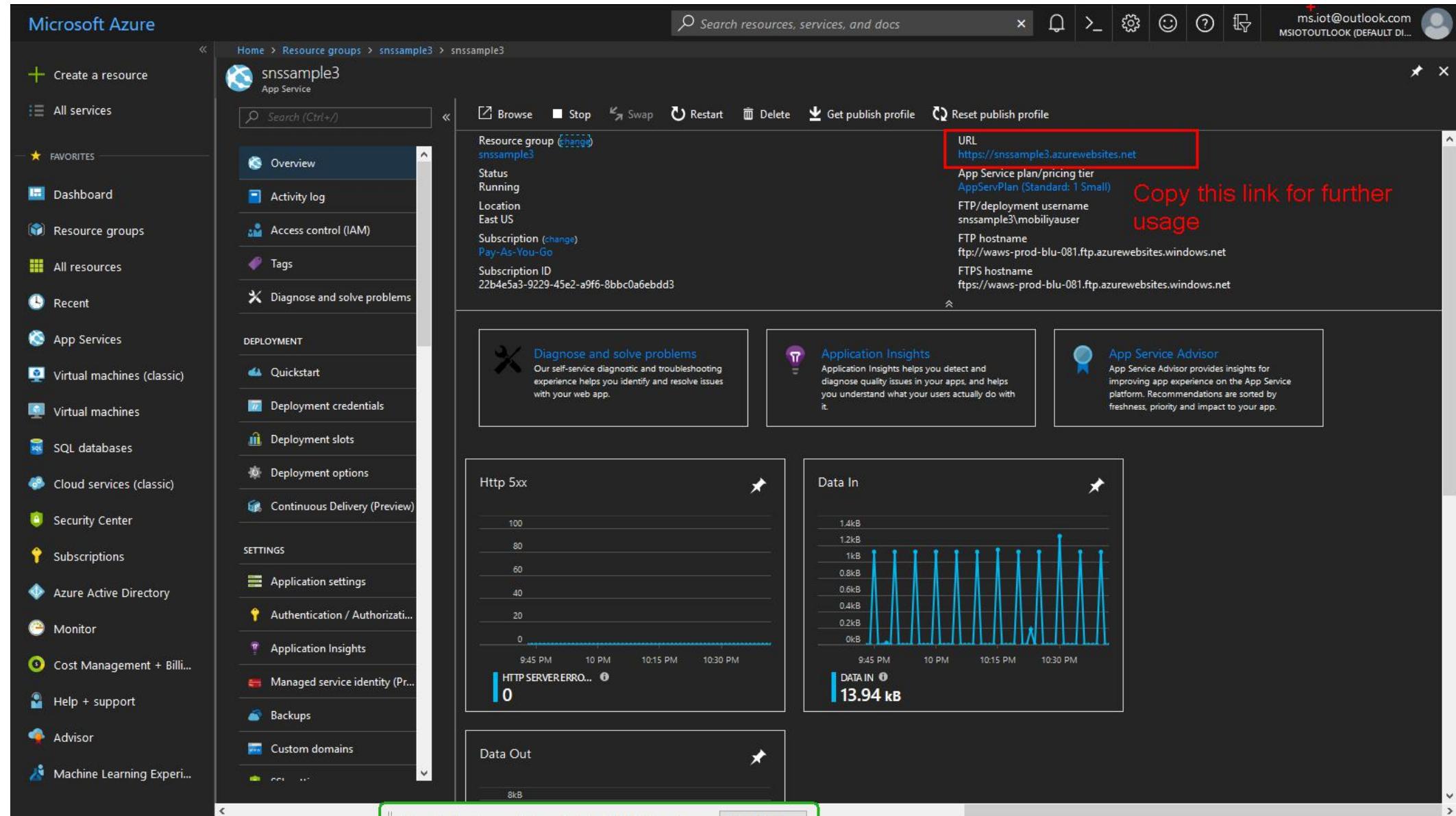
Data In

HTTP SERVER ERRO... 0

DATA IN 13.94 kB

Data Out

8kB



Microsoft Azure

Dashboard + New dashboard Upload Download Edit Share Full screen Clone

All resources ALL SUBSCRIPTIONS Refresh

-  snssample3
-  snssample
-  utaswebapp
-  SnFaceAPI
-  snsdiag148
-  snsarm
-  SnServerBackend
-  atsnxv5docdbgd3f7mnjwpyu
-  sqlservermjcepfd2votum
-  atsnxv5nodeapp
-  snsiohub
-  DaveyloTHub
-  atsnxv5AppServPlan
-  atsnxv5restapp
-  atsnxv5eventhubmjcepfd2votum
-  atsnxv5iohubmjcepfd2votum

Service Health

Personalized guidance and support when issues in Azure services affect you. [Learn more](#)

Marketplace

AssetEventHub **EVENTHUB**

Active

Resources **SNS**

-  SnSFaceAPI
-  snsdiag148
-  snsarm
-  SnServerBack
-  snsiohub
-  sns-mongo
-  SnSAppServP
-  SnSB2C.onmi

Directory + subscription

- FirstAD** FirstActiveDir.onmicrosoft.com 67c84d3d-f2e9-45a9-88c9-469187f34220
- Franklin Energy Services, LLC.** franklinenergy.onmicrosoft.com a8ee12a3-5bcd-4f4e-b3f4-bbf43d9c570a
- mobiliya** mobiliyaiot.onmicrosoft.com 2e41a9cc-f6cd-442b-ba87-48f9fa61d5c9
- Mobiliya** SnSB2C.onmicrosoft.com b868ee16-7b0d-470f-9ec9-e8a551bbafbc
- Mobiliya** snsdemodeploy.onmicrosoft.com b7a92242-6579-472f-a354-4fb354027529
- Mobiliya** snsitest.onmicrosoft.com 1249a802-f7a3-4da3-a5c1-0ef8385478f
- Mobiliya** snsitestdeploy.onmicrosoft.com 72bd97eb-f221-4ee9-91f0-5927851ad37c
- MobiliyaSnS** snsSample.onmicrosoft.com c9d825fa-726d-45d6-8fb6-103a2bf7ade2
- msiotoutlook (Default Directory)** msiotoutlook.onmicrosoft.com a777201d-76f6-418d-a006-757537715aae
- TestDeployment** snsdeployment.onmicrosoft.com 2ecce51e-7c00-407a-8d35-29498918684d
- TryAD** TryADir.onmicrosoft.com 5ad6baa9-f063-448f-997b-883df7f70da

<https://go.microsoft.com/fwlink/?LinkId=862659&clcid=0x9>

Microsoft Azure

Dashboard + New dashboard

All resources ALL SUBSCRIPTIONS

No resources to display
Try changing your filters if you don't see what you're looking for.
Learn more ↗ Create resources

RESOURCES 0 results

RESOURCE GROUPS 0 results

SERVICES

Azure AD B2C

MARKETPLACE All results >

Azure Active Directory B2C

DOCUMENTATION All results ↗

What is Azure Active Directory B2C? | Microsoft Docs
Azure Active Directory (Azure AD) B2C is an identity management service that enables...

Tutorial - Enable a web application to authenticate with ...
Tutorial on how to use Azure Active Directory B2C to provide user login for an A...

Azure Active Directory B2C: User migration approaches ...
Discuss core and advanced concepts on user migration using Graph API and opti...

Tutorial - Grant access to an ASP.NET web API from a web ...
Tutorial on how to use Active Directory B2C to protect an ASP.NET web api and c...

Virtual machines

Linux Virtual Machines ↗
Provision Ubuntu, Red Hat, CentOS, SUSE, CoreOS VMs

App Service ↗
Create Web Apps using .NET, Java, Node.js, Python, PHP

Functions ↗
Process events with a serverless code architecture

SQL Database ↗
Managed relational SQL Database as a Service

Service Health Marketplace

ms.iot@outlook.com TESTDEPLOYMENT

Microsoft Azure

Home > Azure AD B2C

Azure AD B2C
snstestdeployment.onmicrosoft.com

Search (Ctrl+/
b2c)

Create a resource

All services

FAVORITES

Dashboard

All resources

Resource groups

App Services

Function Apps

SQL databases

Azure Cosmos DB

Virtual machines

Load balancers

Storage accounts

Virtual networks

Azure Active Directory

Monitor

Advisor

Security Center

Overview

MANAGE

Applications (highlighted with red box)

Identity providers

User attributes

Users

POLICIES

Sign-up or sign-in policies

Profile editing policies

Password reset policies

Sign-up policies

Sign-in policies

Resource Owner policies (Preview...)

All policies

Troubleshoot

Domain name: snstestdeployment.onmicrosoft.com

Metered: Yes

Subscription ID: 22b4e5a3-9229-45e2-a9f6-8bbc0a6ebdd3

Tenant type: Production-scale tenant

Subscription status: Registered

Resource name: snstestdeployment.onmicrosoft.com

Welcome to Azure AD B2C.

Quick Start

Identity Experience Framework - PREVIEW

Microsoft Azure

Home > Azure AD B2C - Applications

Azure AD B2C - Applications
snstestdeployment.onmicrosoft.com

Search (Ctrl+ /) b2c

Add

NAME	APPLICATION ID
SnSTestDeployment	d4b92db3-dabc-4bff-86de-d41e136f84d3

OVERVIEW

MANAGE

- Applications
- Identity providers
- User attributes
- Users

POLICIES

- Sign-up or sign-in policies
- Profile editing policies
- Password reset policies
- Sign-up policies
- Sign-in policies
- Resource Owner policies (Preview...)
- All policies

Create a resource

All services

FAVORITES

- Dashboard
- All resources
- Resource groups
- App Services
- Function Apps
- SQL databases
- Azure Cosmos DB
- Virtual machines
- Load balancers
- Storage accounts
- Virtual networks
- Azure Active Directory
- Monitor
- Advisor
- Security Center

Microsoft Azure

Home > Azure AD B2C - Applications > SnSTestDeployment - Properties

SnSTestDeployment - Properties

Save Discard Delete

Name: SnSTestDeployment

Application ID: d4b92db3-dabc-4bff-86de-d41e136f84d3

Web App / Web API

Include web app / web API: Yes

Allow implicit flow: Yes

Redirect URIs must all belong to the same domain

Reply URL:

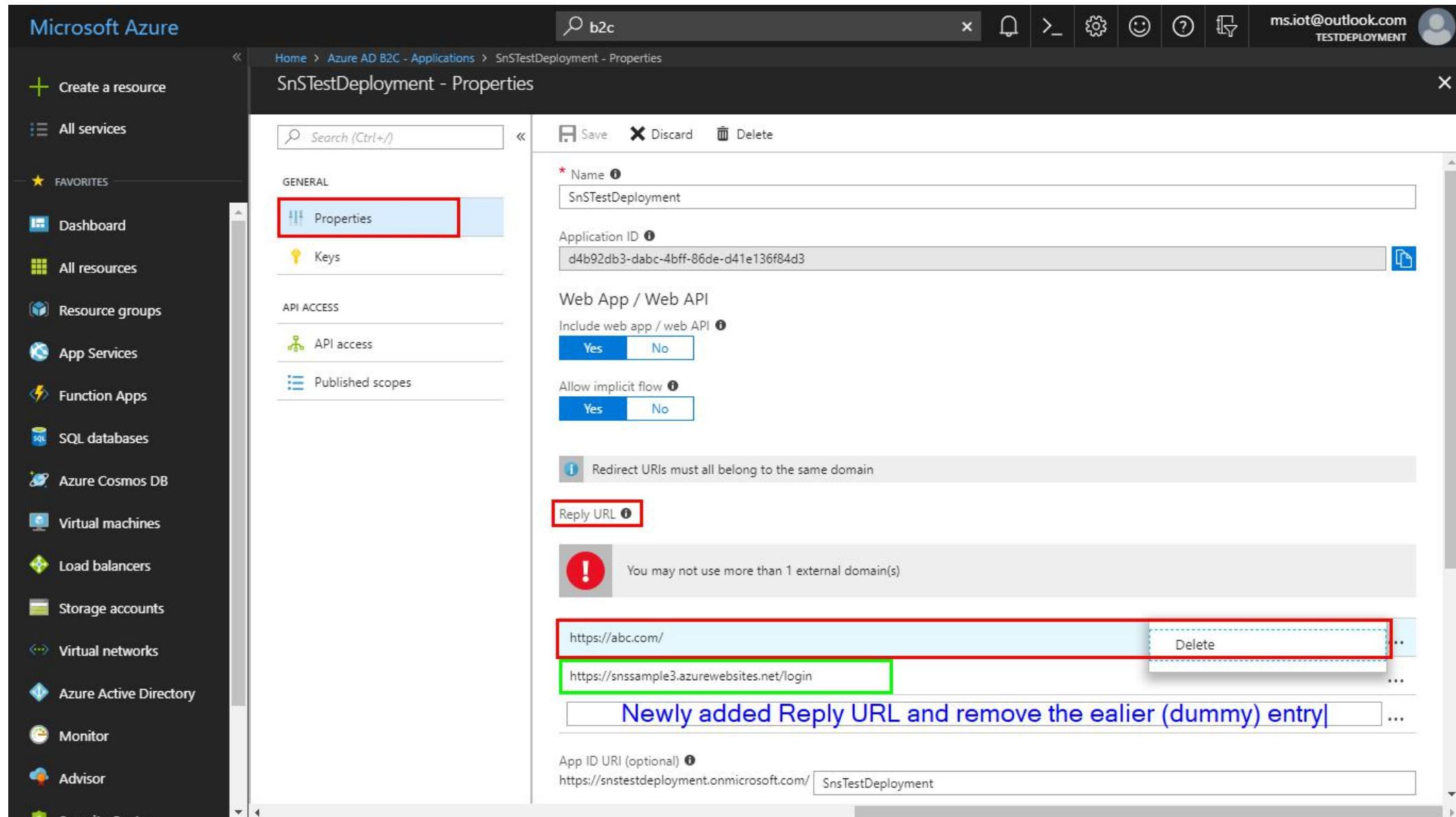
You may not use more than 1 external domain(s)

https://abc.com/ (Delete)

https://snsample3.azurewebsites.net/login (highlighted with green border)

Newly added Reply URL and remove the earlier (dummy) entry

App ID URI (optional): https://snstestdeployment.onmicrosoft.com/ SnsTestDeployment



Done