

# Security and Surveillance

Deployment Document

Version 1.0.1

# Contents

- Deploying solution
- Updating B2C reply URLs

# About this Document

- This document helps the user to get the Security and Surveillance solution working under user's Azure account.
- The Deployment part, as the name suggests deals with the actual deployment of solution which happens with the help of Azure ARM templates.

*Note : Please complete setting up of B2C directory prior to continuing on with this document if not already done so.*

# Pre-requisites

- Creation and setup of B2C directory
- Setup of Microsoft's Video Indexer service

# Deploy To Azure



Microsoft Azure

+

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

Home > Custom deployment

Custom deployment

Deploy from a custom template

\* Subscription

Visual Studio Dev Essentials

\* Resource group

Create new

Use existing

Create a resource group

\* Location

East US

SETTINGS

\* Deployment Prefix

Face Api Location

\* B2c Client Id

\* B2c Policy

\* B2c Tenant

\* B2c Scope

\* Video Indexer Key

TERMS AND CONDITIONS

Azure Marketplace Terms

Azure Marketplace

☐ Pin to dashboard

Purchase

Select an already created resource group or create a new one

Enter a unique string which would be used to provision the resources

Select location to create Face API

B2C credentials noted down earlier while creating and setting up the B2C directory

Video Indexer Key noted down while setting up the Video Indexer service

© 2017 Mobiliya. All Rights Reserved.

Confidential

6

Microsoft Azure

+

 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

Home > Custom deployment

Custom deployment

Deploy from a custom template

SETTINGS

\* Deployment Prefix ⓘ

Face Api Location

\* B2c Client Id ⓘ

\* B2c Policy ⓘ

\* B2c Tenant ⓘ

\* B2c Scope ⓘ

\* Video Indexer Key ⓘ

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 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

Search resources, services, and docs

🔔

>

⚙️

😊

?

📄

surabh.shah@outlook...

SURABHSHAHOUTLOOK (DEF...

👤

# 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 as "deployment prefix" with a suffix "webapp" attached along. The web app name should look like

**<deployment prefix>webapp** with URL

**https://<deployment prefix>webapp.azurewebsites.net**

- 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

Search resources, services, and docs

ms.iod@outlook.com  
MSIOTOUTLOOK (DEFAULT DL...)

Home > Resource groups > snsdemoforms

snsdemoforms  
Resource group

Search (Ctrl+J)

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

+ Add Edit columns Delete resource group Refresh Move Assign Tags

Subscription (change)  
Pay-As-You-Go

Subscription ID  
22b4e5a3-9229-45e2-a9f6-8bbc0...

Deployments  
1 Succeeded

Tags (change)  
Click here to add tags

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

8 items ☒ Show hidden types

NAME	TYPE	LOCATION	RESOURCE ID	RESOURCE GROUP ID
snsdemoformsAppServPlan	App Service plan	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.Web/sites/snsdemoformsAppServPlan	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsScriptEngine	App Service	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.Web/sites/snsdemoformsScriptEngine	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsCosmosDB	Azure Cosmos DB account	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.DocumentDB/databaseAccounts/snsdemoformsCosmosDB	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsFaceAPI	Cognitive Services	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.CognitiveServices/accounts/snsdemoformsFaceAPI	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsIoTHub	IoT Hub	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.IoTHub/iotHubs/snsdemoformsIoTHub	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsRESTAPI	App Service	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.Web/sites/snsdemoformsRESTAPI	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsStorageAccount	Storage account	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.Storage/storageAccounts/snsdemoformsStorageAccount	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms
snsdemoformsWebApp	App Service	East US	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms/providers/Microsoft.Web/sites/snsdemoformsWebApp	/subscriptions/22b4e5a3-9229-45e2-a9f6-8bbc0.../resourceGroups/snsdemoforms

Microsoft Azure

Search resources, services, and docs

ms.iot@outlook.com MSIOUOUTLOOK (DEFAULT DL...)

Home > Resource groups > snsdemoforesns > snsdemoforesnswebapp

**snsdemoforesnswebapp**  
App Service

Search (Ctrl+/)

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

DEPLOYMENT  
Quickstart  
Deployment credentials  
Deployment slots  
Deployment options  
Deployment Center (Preview)

SETTINGS  
Application settings  
Authentication / Authorizati...  
Application Insights  
Managed service identity (Pr...  
Backups

Browse Stop Swap Restart Delete Get publish profile Reset publish profile

Resource group (change)  
snsdemoforesns

Status  
Running

Location  
East US

Subscription (change)  
Pay-As-You-Go

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

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

App Service plan/pricing tier  
snsdemoforesnsAppServPlan (Basic: 1 Small)

FTP/deployment username  
snsdemoforesnswebapp/mobiliyauser

FTP hostname  
ftp://waws-prod-blu-099.ftp.azurewebsites.windows.net

FTPS hostname  
ftps://waws-prod-blu-099.ftp.azurewebsites.windows.net

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

5:30 AM

HTTP SERVER ERRORS

Data In

4kB  
3kB  
2kB  
1kB  
0kB

9:45 PM 10 PM 10:15 PM

DATA IN  
18.63 kB

Microsoft Azure

Search resources, services, and docs

Dashboard

Create a resource

All services

FAVORITES

Dashboard

Resource groups

All resources

Recent

App Services

Virtual machines (class...)

Virtual machines

SQL databases

Cloud services (classic)

Security Center

Subscriptions

Azure Active Directory

Monitor

Cost Management + B...

All resources ALL SUBSCRIPTIONS

Refresh

snssample3

snssample

utaswebapp

SnSFaceAPI

snsdiag148

snsarm

SnSServerBackend

atsnxv5docdbgd3f7mnjwpuyu

sqlservermjecepd2votum

atsnxv5nodeapp

snsiothub

DaveyloTHub

atsnxv5AppServPlan

atsnxv5restapp

atsnxv5eventhubmjecepd2votum

atsnxv5iothubmjecepd2votum

See more...

Service Health

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

Marketplace

AssetEventHub EVENTHUB

Active

Resources SNS

SnSFaceAPI

snsdiag148

snsarm

SnSServerBac

snsiothub

sns-mongo

SnSAppServF

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

snsstest.onmicrosoft.com

1249a802-f7a3-4da3-a5c1-0ecf8385478f

Mobiliya

snsstestdeploy.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

snsstestdeployment.onmicrosoft.com

2ecce51e-7c00-407a-8d35-29498918684d

TryAD

TryADir.onmicrosoft.com

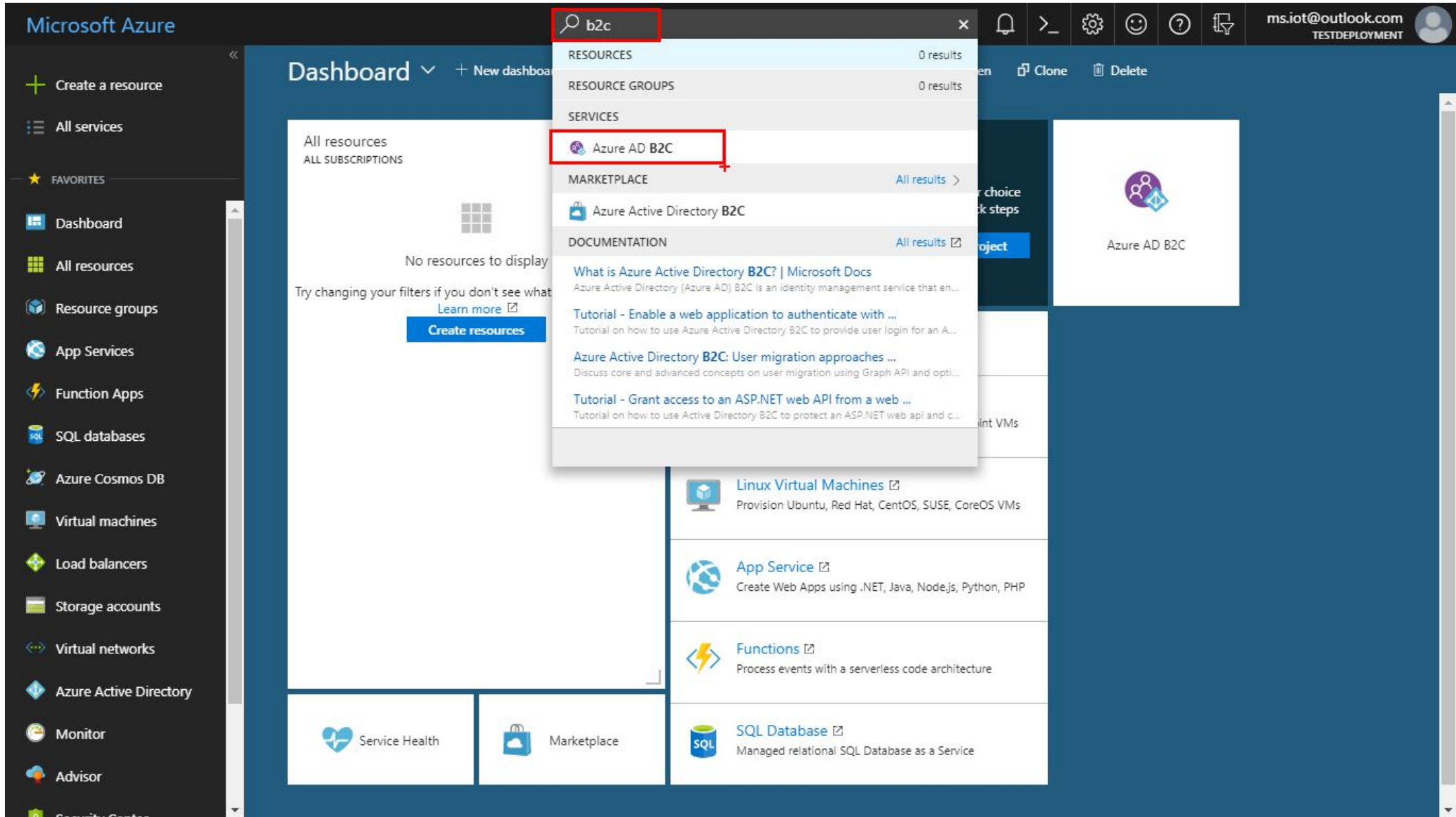
5ad6baa9-f063-448f-997b-883dfe7f70da

ms.iot@outlook.com

MSIOTOUTLOOK (DEFAULT DI...

https://go.microsoft.com/fwlink/?LinkID=862659&clcid=0x9





The screenshot shows the Microsoft Azure portal interface. On the left is a navigation sidebar with options like 'Create a resource', 'All services', and 'FAVORITES'. The main area displays a 'Dashboard' with a search bar at the top containing the text 'b2c'. Below the search bar, a dropdown menu lists search categories: RESOURCES (0 results), RESOURCE GROUPS (0 results), SERVICES, MARKETPLACE, and DOCUMENTATION. Under the 'SERVICES' category, 'Azure AD B2C' is highlighted with a red box. Below this, a list of documentation links is shown, including 'What is Azure Active Directory B2C? | Microsoft Docs' and several tutorials. On the right side of the dashboard, a card for 'Azure AD B2C' is visible, showing its icon and name. The bottom of the dashboard features tiles for 'Service Health', 'Marketplace', 'Linux Virtual Machines', 'App Service', 'Functions', and 'SQL Database'.

Microsoft Azure

+

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

Home > Azure AD B2C

Azure AD B2C

snstestdeployment.onmicrosoft.com

Search (Ctrl+J)

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 (Previe...

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+/)

+ Add

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

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 (Previe...
- All policies

Microsoft Azure

Search resources, services, and docs

ms.iot@outlook.com TESTDEPLOYMENT

Home > Azure AD B2C - Applications > SnSTestDeployment - Properties

SnSTestDeployment - Properties

Search (Ctrl+J)

GENERAL

Properties

Keys

API ACCESS

API access

Published scopes

Save Discard Delete

d4b92db3-dabc-4b1f-86de-d41e13b184d3

Web App / Web API

Include web app / web API

Yes No

Allow implicit flow

Yes No

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://snsdemo4snswebapp.azurewebsites.net/login

Added new reply URL as in green box. Remove the earlier added (dummy) URL in red box

App ID URI (optional)

https://snstestdeployment.onmicrosoft.com/ SnSTestDeployment

Native client

Include native client

Yes No

Redirect URI

urn:ietf:wg:oauth:2.0:oob

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



# Done