

# 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.*

# 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
azuredeploy.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
194
195
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 App Variables Start

```

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

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

Microsoft Azure

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 Create a resource

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Deploy from a custom template

BASICS

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Resource group

Create new

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SnsDemoDeployment

Location

East US

SETTINGS

IoT Hub Name Prefix

IoT Hub Pricing Tier

S1

Capacity Units

1

Face Api Name

Face Api Location

Face Api Pricing Tier

S0

Doc DB Name Prefix

App Service Plan Pricing Tier

S1

App Service Plan Instance Count

1

Hosting Plan Name

AppServPlan

Web Site Name

Compute Engine Name

☐ Pin to dashboard

Purchase



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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 ⓘ

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

← Enter previously preserved values

← Enter subscription key of Azure Video Indexer

# 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`*

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

✦

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 Add

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🗑️

 Delete resource group

🔄

 Refresh

➡️

 Move

🏷️

 Assign Tags

Subscription (change)

Subscription ID

Deployments

Pay-As-You-Go

22b4e5a3-9229-45e2-a9f6-8bbc0a...

1 Succeeded

Tags (change)

Click here to add tags

Filter by name...

All types

All locations

No grouping

8 items

☑️ Show hidden types ⓘ

<input type="checkbox"/>	NAME	TYPE	LOCATION	RESOURCE ID	RESOURCE GROUP ID	
<input type="checkbox"/>	AppServPlan	App Service plan	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3	App Service	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3ce	App Service	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3dbg37mnjwpuyu	Azure Cosmos DB account	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3face	Cognitive Services	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3rest	App Service	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snssample3sf33cktoth7ju	IoT Hub	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...
<input type="checkbox"/>	snstrgsf33cktoth7ju	Storage account	East US	/subscriptions/22b4e5a3-92...	/subscriptions/22b4e5a3-92...	...

Microsoft Azure

Create a resource

All services

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snssample3

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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

AppServPlan (Standard: 1 Small)

FTP/deployment username

snssample3@mobiyauser

FTP hostname

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

FTPS hostname

ftps://waws-prod-blu-081.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

100

80

60

40

20

0

9:45 PM

10 PM

10:15 PM

10:30 PM

HTTP SERVER ERRO...

0

Data In

1.4kB

1.2kB

1kB

0.8kB

0.6kB

0.4kB

0.2kB

0kB

9:45 PM

10 PM

10:15 PM

10:30 PM

DATA IN

13.94 kB

Data Out

8kB

Copy this link for further usage



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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](#)

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

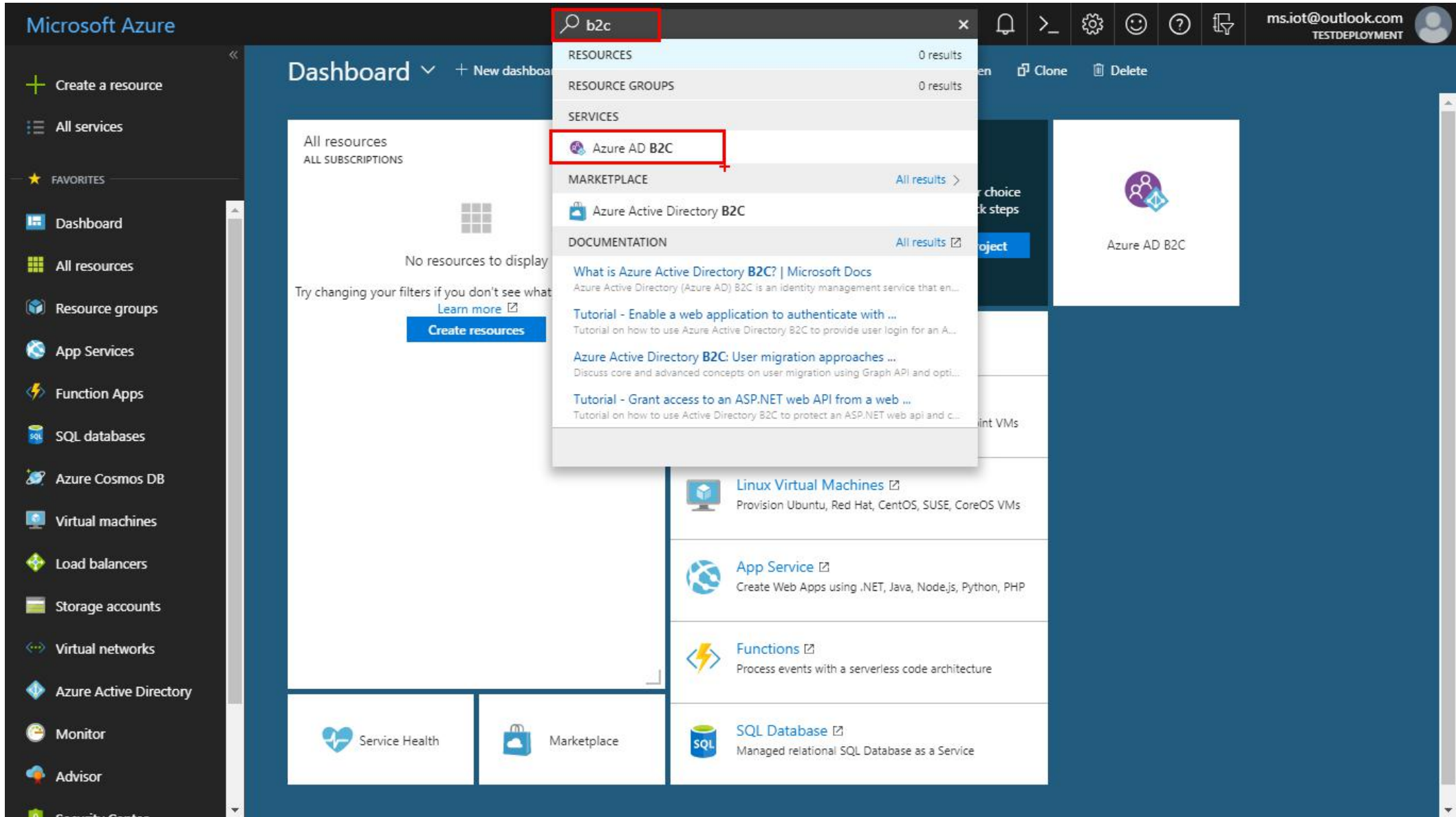
5ad6baa9-f063-448f-997b-883dfe7f70da

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

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The screenshot shows the Microsoft Azure portal interface. On the left is a navigation sidebar with options like 'Create a resource', 'All services', and various resource categories. 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 results categorized by 'RESOURCES', 'RESOURCE GROUPS', 'SERVICES', 'MARKETPLACE', and 'DOCUMENTATION'. The 'SERVICES' category is expanded, and 'Azure AD B2C' is highlighted with a red box. Below this, several documentation links are visible, including 'What is Azure Active Directory B2C? | Microsoft Docs' and various tutorials. On the right side of the dashboard, a tile for 'Azure AD B2C' is visible, showing its icon and name.

Microsoft Azure

Home > Azure AD B2C

## Azure AD B2C

snstestdeployment.onmicrosoft.com

Search (Ctrl+/)

**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

Troubleshoot

Domain name snstestdeployment.onmicrosoft.com	Tenant type Production-scale tenant
Metered Yes	Subscription status Registered
Subscription ID 22b4e5a3-9229-45e2-a9f6-8bbc0a6ebdd3	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

Home > Azure AD B2C - Applications > SnTestDeployment - Properties

### SnTestDeployment - Properties

Search (Ctrl+/)

GENERAL

- Properties
- Keys

API ACCESS

- API access
- Published scopes

\* Name <sup>i</sup>

SnTestDeployment

Application ID <sup>i</sup>

d4b92db3-dabc-4bff-86de-d41e136f84d3

Web App / Web API

Include web app / web API <sup>i</sup>

Yes No

Allow implicit flow <sup>i</sup>

Yes No

<sup>i</sup> Redirect URIs must all belong to the same domain

Reply URL <sup>i</sup>

<sup>!</sup> You may not use more than 1 external domain(s)

https://abc.com/ Delete

https://snssample3.azurewebsites.net/login

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

App ID URI (optional) <sup>i</sup>

https://snstestdeployment.onmicrosoft.com/ SnTestDeployment

# Done