

Deploying Azure Function App & Web App

Function App: Emtec.Cognitive.Search.EventSubscriber

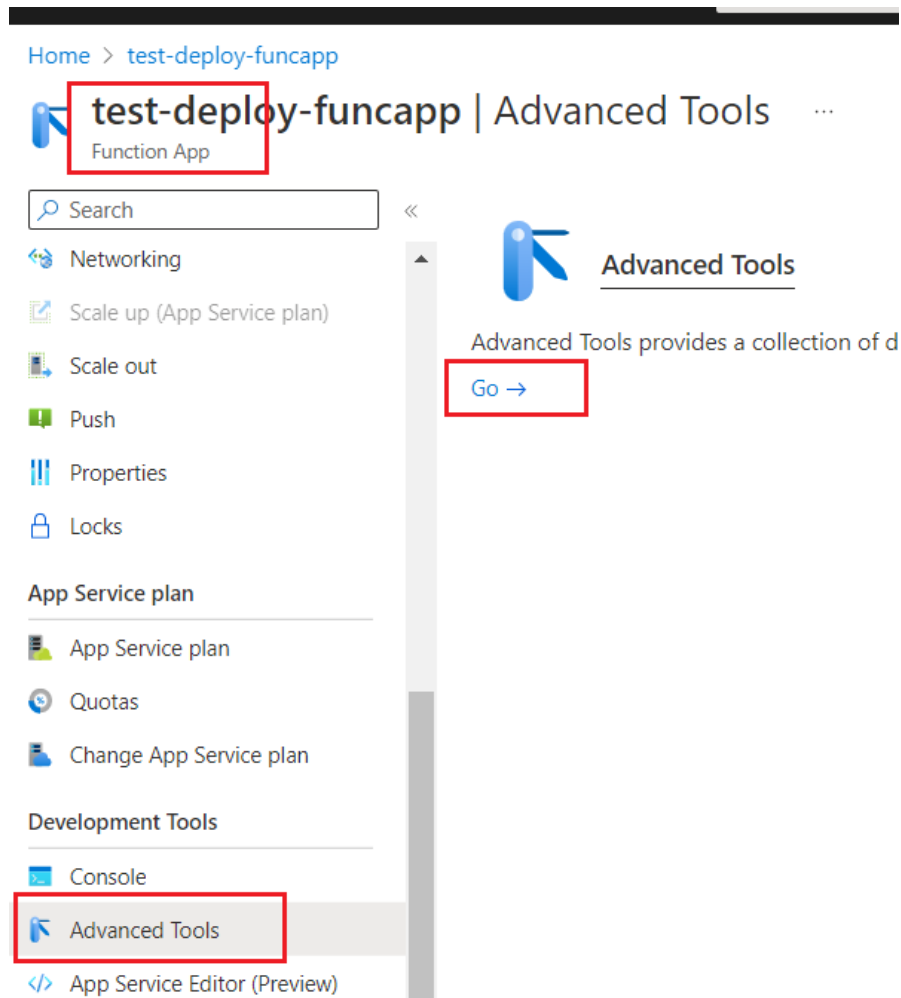
1. Download function app published code from below path

Path →

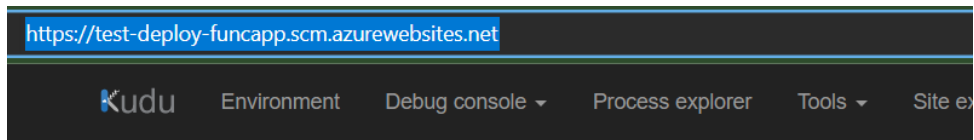
SAS URL : <https://sdgpublish.blob.core.windows.net/publish?sp=rl&st=2023-02-09T12:30:02Z&se=2023-02-09T20:30:02Z&spr=https&sv=2021-06-08&sr=c&sig=o%2Fgy4Zq%2Bw0emHeiTEkUdimbXwcGRLhkplQtsRoazD4Q%3D>

File Name : Emtec.Cognitive.Search.EventSubscriber-publish.zip

2. Unzip the published zip file.
3. Login into Azure portal
4. Go to respective resource group
5. Open function app
6. Click on Advanced Tools under Development Tools as shown below
7. Click on 'Go →' link



8. It will open new tab with url <https://<func-app-name>.scm.azurewebsites.net/>



Environment

Build	99.41021.5971.0 (Commit: a909ac0974)
Azure App Service	99.0.10.790
Site up time	00.00:00:26
Site folder	C:\home
Temp folder	C:\local\Temp\

REST API (works best when using a JSON viewer extension)

- [App Settings](#)
- [Deployments](#)
- [Source control info](#)
- [Files](#)
- [Log streaming](#) (use curl, not browser!)
- [Processes and mini-dumps](#)
- [Runtime versions](#)
- [Site Extensions: installed](#) | [feed](#)
- [Web hooks](#)
- WebJobs: [all](#) | [triggered](#) | [continuous](#)
- Functions: [list](#) | [host config](#)

9. Select Debug console → CMD

/ + | 3 items |

	Name	Modified
	data	2/9/2023, 5:36:56 PM
	LogFiles	2/9/2023, 5:26:17 PM
	site	2/9/2023, 5:26:17 PM



```
Kudu Remote Execution Console
Type 'exit' then hit 'enter' to get a new CMD process.
Type 'cls' to clear the console

Microsoft Windows [Version 10.0.14393]
(c) 2016 Microsoft Corporation. All rights reserved.

C:\home>
```

10. Navigate to site → wwwroot folder

11. Upload the unzipped files from step 2. You can drag and drop the files in above wwwroot folder manually.
12. Good to close Advanced Tools window.
13. Go back to main Azure Function app window
14. Click on Functions options on left menu.
15. You will see 2 functions as shown below.

Home > func-ms-poc-sdg-eventSubscriber

func-ms-poc-sdg-eventSubscriber | Functions

Function App

Search

+ Create Refresh Delete

⚠ Your app is currently in read only mode because you are running from a package

Filter by name...

<input type="checkbox"/> Name ↑↓	Trigger ↑↓
<input type="checkbox"/> DocumentCreatedEventSubscriber	Servicebus
<input type="checkbox"/> ProcessDocumentEntitySkillSetExecutedEvent	Servicebus

Functions

☒ Functions

App keys

App files

Proxies

Deployment

16. Update Appsettings. Click on Configuration option, then click on Application Settings

Home > func-ms-poc-sdg-eventSubscriber

func-ms-poc-sdg-eventSubscriber | Configuration

Function App

Search << Refresh Save Discard Leave Feedback

Deployment

- Deployment slots
- Deployment Center
- Settings**
 - Configuration**
 - Authentication
 - Application Insights (preview)
 - Identity
 - Backups
 - Custom domains
 - Certificates
 - TLS/SSL settings (classic)
 - Networking
 - Scale up (App Service plan)
 - Scale out
 - Push
 - Properties
 - Locks
- App Service plan
- App Service plan

Application settings Function runtime settings General settings

Application settings

Application settings are encrypted at rest and transmitted over an encrypted channel. You can choose to display them in plain text in your browser environment variables for access by your application at runtime. [Learn more](#)

+ New application setting Show values Advanced edit

Filter application settings

Name	Value	Source
AzureWebJobsStorage	Hidden value. Click to show value	App Service
ConnectionStrings.MSPocSdgReadConnection	Hidden value. Click to show value	App Service
ConnectionStrings.MSPocSdgWriteConnection	Hidden value. Click to show value	App Service
Container	Hidden value. Click to show value	App Service
Directory	Hidden value. Click to show value	App Service
FUNCTIONS_EXTENSION_VERSION	Hidden value. Click to show value	App Service
FUNCTIONS_WORKER_RUNTIME	Hidden value. Click to show value	App Service
SearchApiKey	Hidden value. Click to show value	App Service
SearchIndexerName	Hidden value. Click to show value	App Service
SearchIndexName	Hidden value. Click to show value	App Service
SearchServiceAdminApiKey	Hidden value. Click to show value	App Service

- Click on Advanced edit link. It will open text editor with json data. Copy the existing json content in notepad as a backup.
- Replace the content with below json.
- Copy back the values from notepad with below where value says [DON'T CHANGE] in below json.

```
[
  {
    "name": "AzureWebJobsStorage",
    "value": "[DON'T CHANGE]",
    "slotSetting": false
  },
  {
    "name": "ConnectionStrings.MSPocSdgReadConnection",
    "value": "[SQL CONNECTIONSTRING]",
    "slotSetting": false
  },
  {
    "name": "ConnectionStrings.MSPocSdgWriteConnection",
    "value": "[SQL CONNECTIONSTRING]",
    "slotSetting": false
  }
],
```

```
{
  "name": "Container",
  "value": "sdgstorage",
  "slotSetting": false
},
{
  "name": "Directory",
  "value": "[LEAVE EMPTY]",
  "slotSetting": false
},
{
  "name": "FUNCTIONS_EXTENSION_VERSION",
  "value": "~4",
  "slotSetting": false
},
{
  "name": "FUNCTIONS_WORKER_RUNTIME",
  "value": "dotnet",
  "slotSetting": false
},
{
  "name": "SearchApiKey",
  "value": "[SEARCH API KEY]",
  "slotSetting": false
},
{
  "name": "SearchIndexerName",
  "value": "azureblob-indexer",
  "slotSetting": false
},
{
  "name": "SearchIndexName",
  "value": "azureblob-index",
  "slotSetting": false
},
{
  "name": "SearchServiceAdminApiKey",
  "value": "[SEARCH SERVICE ADMIN API KEY]",
  "slotSetting": false
},
{
  "name": "SearchServiceEndPoint",
  "value": "https://<search-service name>.search.windows.net",
  "slotSetting": false
},
}
```

```



{
  "name": "SearchServiceName",
  "value": "[SEARCH SERVICE NAME]",
  "slotSetting": false
},
{
  "name": "SearchServiceQueryApiKey",
  "value": "[SEARCH SERVICE QUERY API KEY]",
  "slotSetting": false
},
{
  "name": "ServiceBusConnectionString",
  "value": "[SERVICE BUS CONNECTION ENDPOINT]",
  "slotSetting": false
},
{
  "name": "StorageConnectionString",
  "value": "[STORAGE CONNECTIONSTRING]",
  "slotSetting": false
},
{
  "name": "StorageName",
  "value": "storagesearchdocs",
  "slotSetting": false
},
{
  "name": "WEBSITE_CONTENTAZUREFILECONNECTIONSTRING",
  "value": "[DON'T CHANGE]",
  "slotSetting": false
},
{
  "name": "WEBSITE_CONTENTSHARE",
  "value": "[DON'T CHANGE]",
  "slotSetting": false
},
{
  "name": "WEBSITE_RUN_FROM_PACKAGE",
  "value": "1",
  "slotSetting": false
}
}
]


```



20. Update Connection Strings. Like Applications settings, click on Advance edit under connection strings section

Connection strings

Connection strings are encrypted at rest and transmitted over an encrypted channel. Connection strings should only be used with a function app if you are using ent [more](#)

+ New connection string  Show values  Advanced edit

 Filter connection strings

Name	Value	Source	Type
MSPocSdgReadConnection	 Hidden value. Click to show	App Service	SQLAzure
MSPocSdgWriteConnection	 Hidden value. Click to show	App Service	SQLAzure

21. Replace with below json

```
22. [  
23.  {  
24.    "name": "MSPocSdgReadConnection",  
25.    "value": "[SQL CONNECTIONSTRING]",  
26.    "type": "SQLAzure",  
27.    "slotSetting": false  
28.  },  
29.  {  
30.    "name": "MSPocSdgWriteConnection",  
31.    "value": "[SQL CONNECTIONSTRING]",  
32.    "type": "SQLAzure",  
33.    "slotSetting": false  
34.  }  
35. ]
```

20. Restart the function app

Function App: LangAndCgnSrchIntgnFun (func-cognitive-search-skillset)

1. Download function app published code from below path

Path →

SAS URL : <https://sdgpublish.blob.core.windows.net/publish?sp=rl&st=2023-02-09T12:30:02Z&se=2023-02-09T20:30:02Z&spr=https&sv=2021-06-08&sr=c&sig=o%2Fgy4Zq%2Bw0emHeiTEkUdimbXwcGRLhkplQtsRoazD4Q%3D>

File Name: LangAndCgnSrchIntgnFun.zip

2. Unzip the published zip file.
3. Follow the steps from 3 to 20 as mentioned in previous section.

4. Applications Settings
5. Click on Advanced edit link. It will open text editor with json data. Copy the existing json content in notepad as a backup.
6. Replace the content with below json.
7. Copy back the values from notepad with below where value says [DON'T CHANGE] in below json.

```
[
  {
    "name": "AzureWebJobsStorage",
    "value": "[DON'T CHANGE]",
    "slotSetting": false
  },
  {
    "name": "deploymentName",
    "value": "sdg-model-deploy1",
    "slotSetting": true
  },
  {
    "name": "FUNCTIONS_EXTENSION_VERSION",
    "value": "~4",
    "slotSetting": false
  },
  {
    "name": "FUNCTIONS_WORKER_RUNTIME",
    "value": "dotnet",
    "slotSetting": false
  },
  {
    "name": "languageStudioAzureAPIKey",
    "value": "[LANGUAGE STUDIO API KEY]",
    "slotSetting": true
  },
  {
    "name": "languageStudioProjectDeployURL",
    "value": "https://<lang-studio-name>.cognitiveservices.azure.com",
    "slotSetting": true
  },
  {
    "name": "languageStudioProjectName",
    "value": "[LANGUAGE STUDIO PROJECT NAME]",
    "slotSetting": true
  },
  {
    "name": "ServiceBusConnectionString",
```

```

    "value": "[SERVICE BUS ENDPOINT]",
    "slotSetting": false
  },
  {
    "name": "WEBSITE_CONTENTAZUREFILECONNECTIONSTRING",
    "value": "[DON'T CHANGE]",
    "slotSetting": false
  },
  {
    "name": "WEBSITE_CONTENTSHARE",
    "value": "func-cognitive-search-skillset90a5",
    "slotSetting": false
  },
  {
    "name": "WEBSITE_RUN_FROM_PACKAGE",
    "value": "1",
    "slotSetting": false
  }
]

```

Web App: esg-back-end-2023

1. Download function app published code from below path

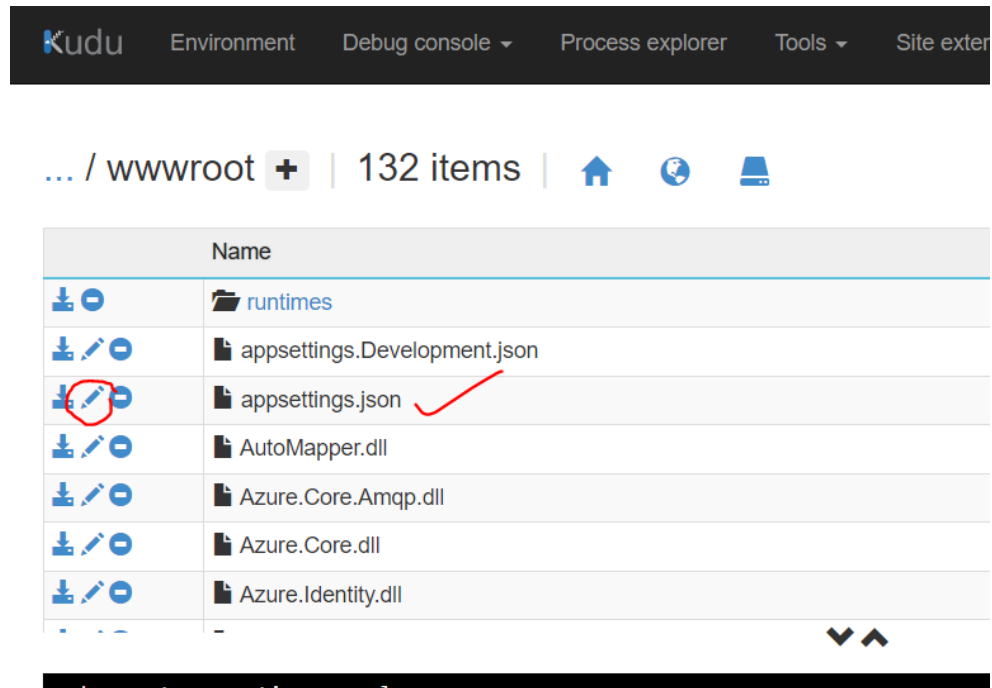
Path →

SAS URL : <https://sdgpublish.blob.core.windows.net/publish?sp=rl&st=2023-02-09T12:30:02Z&se=2023-02-09T20:30:02Z&spr=https&sv=2021-06-08&sr=c&sig=o%2Fgy4Zq%2Bw0emHeiTEkUdimbXwcGRLhkplQtsRoazD4Q%3D>

File Name : ms-poc-sdg-api.zip

2. Unzip the published zip file.
3. Login into Azure portal
4. Go to respective resource group
5. Open function app
6. Click on Advanced Tools under Development Tools as shown below
7. Click on 'Go →' link
8. It will open new tab with url <https://<func-app-name>.scm.azurewebsites.net/>
9. Select Debug console → CMD
10. Navigate to site → wwwroot folder
11. Upload the unzipped files from step 2. You can drag and drop the files in above wwwroot folder manually.
12. Update appsettings.json

- a. Click on edit icon on appsettings.json



- b. Replace appsetting values with azure resource details.

```
"ConnectionStrings": {
  "MSPocSdgReadConnection": "[SQL ConnectionString]",
  "MSPocSdgWriteConnection": "[SQL ConnectionString]"
},
"AzureAd": {
  "Instance": "https://login.microsoftonline.com",
  "TenantId": "",
  "Audience": ""
},
"AzureConfigurations": {
  "StorageConnectionString": "[StorageConnectionString]",
  "StorageName": "storagesearchdocs",
  "Container": "sdgstorage",
  "Directory": "",
  "SearchServiceName": "[SearchServiceName]",
  "SearchServiceEndPoint": "https://[SearchServiceName].search.windows.net",
  "SearchServiceAdminApiKey": "[SearchServiceAdminApiKey]",
  "SearchServiceQueryApiKey": "[SearchServiceQueryApiKey]",
  "SearchIndexName": "azureblob-index",
  "SearchIndexerName": "azureblob-indexer",
  "SearchApiKey": "[SearchApiKey - same SearchServiceAdminApiKey]",
  "SearchApiVersion": "2021-04-30-Preview"
}
```

Web App: esg-ui -2023

1. Download function app published code from below path

Path →

SAS URL : <https://sdgpublish.blob.core.windows.net/publish?sp=rl&st=2023-02-09T12:30:02Z&se=2023-02-09T20:30:02Z&spr=https&sv=2021-06-08&sr=c&sig=o%2Fgy4Zq%2Bw0emHeiTEkUdimbXwcGRLhkplQtsRoazD4Q%3D>

File Name : ms-poc-sdg-api.zip

2. Unzip the published zip file.
3. Login into Azure portal
4. Go to respective resource group
5. Open function app
6. Click on Advanced Tools under Development Tools as shown below
7. Click on 'Go →' link
8. It will open new tab with url <https://<func-app-name>.scm.azurewebsites.net/>
9. Select Debug console → CMD
10. Navigate to site → wwwroot folder
11. Upload the unzipped files from step 2. You can drag and drop the files in above wwwroot folder manually.