

Demo 1 - F&O and LogicApps

Wednesday, October 2, 2019 5:46 PM

Requirements:

- Azure subscription
- F&O subscription

1. Create a new logic app:

- From the Azure portal, click to **+ Create a Resource > Logic App** and set it up like this:

Name: FnOPostedInvoice

Subscription: select the appropriate subscription

Resource group: select an existing one or create a new one

Location: West Europe

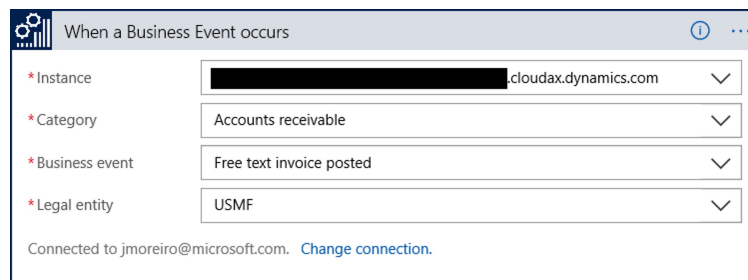
Log Analytics: Off

- Once the resource is created, select Blank Logic App
- Within the connectors select the "Dynamics 365 for Fin & Ops", for Trigger select "When a Business Event occurs"
- It will ask you to sign in with your Finance & Operations credentials.
- Select the appropriate environment and:

Category = Accounts Receivable

Business event = Free text invoice posted

Legal entity: USMF



The screenshot shows the configuration window for the 'When a Business Event occurs' trigger in a Logic App. The window has a title bar with a gear icon, the text 'When a Business Event occurs', and an information icon. Below the title bar, there are four configuration fields, each with a red asterisk and a dropdown menu:

- * Instance:** A dropdown menu showing a redacted instance name followed by '.cloudax.dynamics.com'.
- * Category:** A dropdown menu showing 'Accounts receivable'.
- * Business event:** A dropdown menu showing 'Free text invoice posted'.
- * Legal entity:** A dropdown menu showing 'USMF'.

At the bottom of the window, there is a status bar that says 'Connected to jmoreiro@microsoft.com.' followed by a blue link 'Change connection.'

- Add a new step, select the Office 365 Outlook connector, for Action select Send an Email.
- It will ask you to log in to the Office 365 account you want to use to send out the emails.
- Set up the email like this, indicating which email address you want to send the notification to:

Send an email

*To: [Redacted]

*Subject: New invoice posted in F&O

*Body: Hello,
A new invoice has been posted in F&O.

[Add dynamic content](#) +

Add new parameter

Connected to [Redacted] [Change connection.](#)

Note: there are triggers and actions which do provide dynamic content which you can add to this email's content. The trigger used does not.

i. Save.

2. Check the automatically created endpoint:

- a. Go to F&O and go to System Administration > Setup > Business Events > Business Events Catalog > Endpoints > you should see a new endpoint has been created, and that the "Free text invoice posted" business event under the "Accounts receivable" category is active:

Business events

Business event catalog **Endpoints** Active events Inactive events Errors

+ New Delete

Endpoint name ↑	Endpoint type
FlowEndpoint_{8CA6E756-9E78-4355-8616-8032C9749F8E}	Microsoft Flow
FlowEndpoint_{B271F1EC-C558-48DD-96B8-E2A605145553}	Microsoft Flow

FlowEndpoint_{8CA6E756-9E78-4355-8616-8032C9749F8E}
Microsoft Flow

Active business events

Category	Name
Accounts receivable	Free text invoice posted

3. Test the new endpoint:

- a. Create a free text invoice in F&O (Accounts Receivable > Invoices > All Text Invoices > New) and Post It.
- b. If all works well, you should have received the email now.
- c. Go to your Logic App overview, in the run history you will see the execution of this last run

Runs history

All	Start time earlier than
Specify the run identifier to open monitor view directly	
STATUS	START TIME
✓ Succeeded	10/8/2019, 12:24 PM

And if you click on it you can see more details of the execution of each step:

When a Business Event occurs
 0s

INPUTS Show raw inputs >

Instance

[REDACTED].cloudax.dynamics.com

Category

Accounts receivable

Business event

Free text invoice posted

Legal entity

USMF

OUTPUTS Show raw outputs >

Body

```
{
  "BusinessEventId": "CustFreeTextInvoicePostedBusinessEvent",
  "ControlNumber": 5637145326,
  "EventId": "91B5263A-E161-44DA-B3C7-E076CAC25772",
  "EventTime": "/Date(1570530229000)/",
  "InvoiceAccount": "DF-001".
```

Send an email
 1s

INPUTS Show raw inputs >

To

[REDACTED]

Subject

New invoice posted in F&O

Body

Hello,

A new invoice has been posted in F&O.

OUTPUTS Show raw outputs >

Status code

200

Headers

Key	Value
Pragma	no-cache