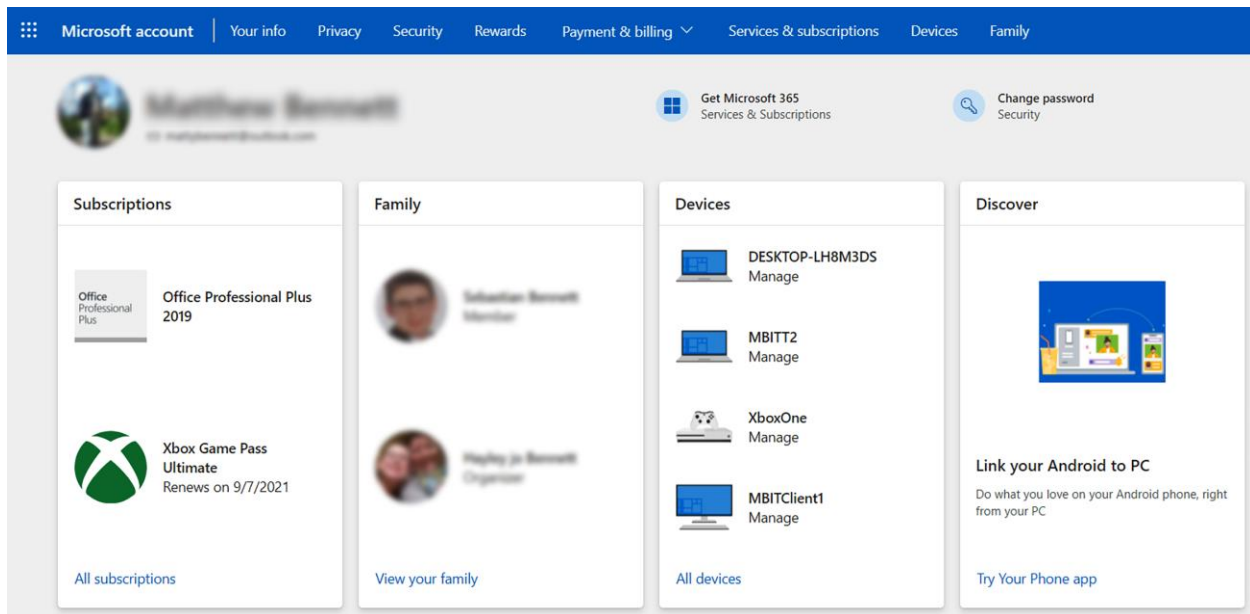


Chapter 1: Getting Started with Azure Logic Apps



Azure services



Get started with Azure

Learn what you can do with Azure cloud computing services

[Start for free](#)

 Microsoft

Sign in

Email address, phone number or Skype

No account? [Create one!](#)

[Can't access your account?](#)

[Sign in with a security key](#)

[Next](#)

 Sign in with GitHub

 Sign-in options

Microsoft Azure Search resources, services, and docs (G+)

Home > Subscriptions > Visual Studio Enterprise Subscription

Subscription

Search (Ctrl+/) Cancel subscription Rename Change directory Transfer billing ownership Feedback

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Security
- Events

Cost Management

- Cost analysis
- Cost alerts
- Budgets
- Advisor recommendations

Billing

You have £108.50 credits remaining. Click here to remove your spending limit →

My role	Currency
Account admin	GBP
Offer	Status
MSDN	Active
Offer ID	Secure score
MS-AZR-0063P	Not available
Parent management group	
668364d4-3d43-4051-adbc-5bbb517a46fc	

Latest billed amount

Invoices over time

No invoices in the last 6 months

Microsoft Azure Search resources, services, and docs (G+)

Home > Subscriptions > Visual Studio Enterprise Subscription > MatthewTestRG

MatthewTestRG | Resource visualizer

Resource group

Search (Ctrl+/) Choose resources Reset diagram Zoom to fit Refresh Feedback

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

Settings

- Deployments
- Security
- Policies
- Properties
- Locks

Cost Management

```

graph TD
    testrest_1[testrest_1 Logic app] --> commondataservice[commondataservice]
    parsinganarray[parsinganarray Logic app] --> commondataservice
    mjbtestia[mjbtestia Logic app] --> commondataservice
  
```

Microsoft Azure Search resources, services, and docs (G+)

Home > Subscriptions > Visual Studio Enterprise Subscription

Visual Studio Enterprise Subscription | Resource groups

Subscription

Search (Ctrl+/) << + Create Edit columns Refresh Export to CSV Open query Assign tags Feedback

Filter for any field... Location == all Add filter

Showing 1 to 6 of 6 records. No grouping

Name	Subscription	Location
Development	Visual Studio Enterprise Subscription	UK West
httpfunctionjnb	Visual Studio Enterprise Subscription	UK West
Live	Visual Studio Enterprise Subscription	UK West
MatthewTestRG	Visual Studio Enterprise Subscription	UK West
TestCreate	Visual Studio Enterprise Subscription	UK West
Testing	Visual Studio Enterprise Subscription	UK West

Billing

- Invoices
- External services
- Payment methods
- Partner information

Settings

- Programmatic deployment
- Resource groups
- Resources
- Preview features

Microsoft Azure Search resources, services, and docs (G+)

Home >

MatthewTestRG

Resource group

Search (Ctrl+/) << + Create Edit columns Delete resource group Refresh Export to CSV Open query Assign tags Move

Essentials

Subscription (change) : Visual Studio Enterprise Subscription Deployments : 1 Failed, 7 Succeeded

Subscription ID : 9752d0e3-2758-40d8-a354-7c2b4c07f9c1 Location : UK West

Tags (change) : Click here to add tags

sqltest Type == all Location == all Add filter

Showing 1 to 1 of 1 records. Show hidden types

Name	Type
sqltestmjb	SQL server

Overview

- Activity log
- Access control (IAM)
- Tags
- Resource visualizer
- Events

Settings

- Deployments
- Security

Microsoft Azure | Search resources, services, and docs (G+)

Home > MatthewTestRG > **sqltestmjb** | SQL server

Search (Ctrl+/) << + Create database + New elastic pool + New dedicated SQL pool (formerly SQL DW) ↓ Import database ↗ Reset password → Move ∨ Delete ♡

Overview

- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Quick start

Settings

- Azure Active Directory
- SQL databases
- SQL elastic pools
- DTU quota
- Properties
- Locks

Data management

- Backups
- Deleted databases

Essentials

Resource group (change): MatthewTestRG
 Status: Available
 Location: UK South
 Subscription (change): Visual Studio Enterprise Subscription
 Subscription ID: 7f75b60c-2736-484b-9316-7c5a60187819
 Tags (change): Click here to add tags

Server admin: matthew
 Firewalls and virtual netw...: Show firewall settings
 Active Directory admin: Not configured
 Server name: sqltestmjb.database.windows.net

Notifications (0) **Features (6)**

All Security (4) Performance (1) Recovery (1)

Active Directory admin Allows you to centrally manage identity and access to your Azure SQL databases. NOT CONFIGURED	Azure Defender for SQL Vulnerability Assessment and Advanced Threat Protection. NOT CONFIGURED	Automatic tuning Monitors and tunes your database automatically optimize performance. CONFIGURE
Auditing Track database events and writes them to an audit log in Azure storage. NOT CONFIGURED	Failover groups Automatically manages replication, connectivity and failover for a set of databases. NOT CONFIGURED	Transparent data encryption Encryption at rest for your databases, backups, logs. SERVICE-MANAGED KE

Microsoft Azure | Search resources, services, and docs (G+)

Home > MatthewTestRG > sqltestmjb

sqltestmjb | Access control (IAM) ...

Search (Ctrl+/) << + Add ↓ Download role assignments ≡ Edit columns ↻ Refresh | ✕ Remove ♡ Got feedback?

Check access | Role assignments | Roles | Deny assignments | Classic administrators

My access
View my level of access to this resource.
[View my access](#)

Check access
Review the level of access a user, group, service principal, or managed identity has to this resource. [Learn more](#)

Find ⓘ

Grant access to this resource
Grant access to resources by assigning a role.
[Add role assignment \(Preview\)](#) [Learn more](#)
Use the classic experience

View access to this resource
View the role assignments that grant access to this and other resources.
[View](#) [Learn more](#)

View deny assignments
View the role assignments that have been denied access to specific actions at this scope.



mystoragemjb | Ac

Storage account

Search (Ctrl+*/*)



- Overview
- Activity log
- Tags
- Diagnose and solve problems

Access Control (IAM)

- Data migration
- Storage Explorer (preview)

Settings

- Access keys
- Geo-replication
- CORS
- Configuration
- Encryption
- Shared access signature
- Networking
- Security
- Properties
- Locks

Blob service

- Containers

[+](#) Add [↓](#) Download role assignments [☰](#) Edit columns [↻](#)

[Check access](#)

[Role assignments](#)

[Roles](#)

[Deny assign](#)

My access

View my level of access to this resource.

[View my access](#)

Check access

Review the level of access a user, group, service principal, or managed identity has to this resource. [Learn more](#) [↗](#)

Find [①](#)

User, group, or service principal [▼](#)

Search by name or email address

Grant access to this resource

Grant access to resources by assigning a role.

[Add role assignments](#)

[Learn more](#) [↗](#)

View access to this resource

View the role assignments that grant access to this and other resources.

[View](#)

[Learn more](#) [↗](#)

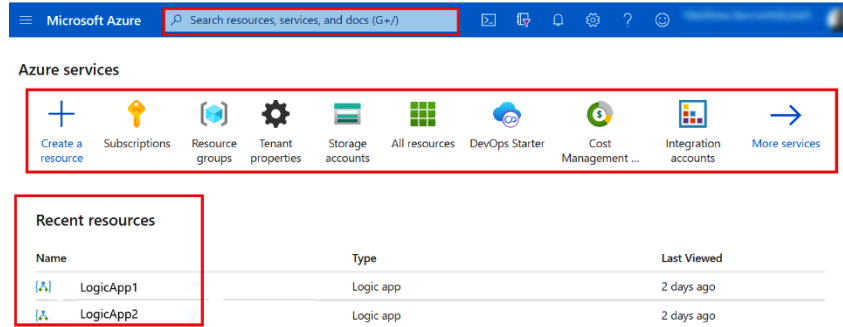
View deny assignments

View the role assignments that have been denied access to specific actions at this scope.

[View](#)

[Learn more](#) [↗](#)

Chapter 2: Environments and Resource Groups



[Home](#) >

New ...

[Azure Marketplace](#) [See all](#)

Get started

Recently created

AI + Machine Learning

Analytics

Blockchain

Compute

Containers

Databases

Developer Tools

DevOps

Identity

Integration

Internet of Things

Popular



Windows Server 2016 Datacenter

[Quickstarts + tutorials](#)



Ubuntu Server 18.04 LTS

[Learn more](#)



Web App

[Quickstarts + tutorials](#)



SQL Database

[Quickstarts + tutorials](#)



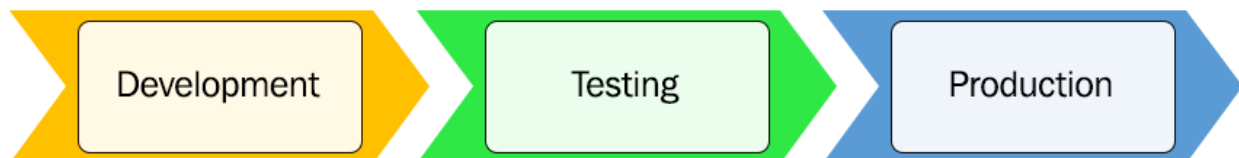
Function App

[Quickstarts + tutorials](#)



Azure Cosmos DB

[Quickstarts + tutorials](#)



AddContact | Tags Logic app ✈ ... ✕

Search (Ctrl+/) « 🗑 Delete all

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

Development Tools
Logic app designer
Logic app code view
Versions
API connections
Quick start guides

Tags are name/value pairs that enable you to categorize resources and view consolidated billing by applying the same tag to multiple resources and resource groups. Tag names are case insensitive, but tag values are case sensitive. [Learn more about tags](#)

Do not enter names or values that could make your resources less secure or that contain personal/sensitive information because tag data will be replicated globally.

Name	Value	
Author	: Matthew Bennett	
Team colour	: Green	
Data Source	: CRM1	
Data Destination	: CRM2	
Editor	: Anna Jones	
Environment	: Design	

Microsoft Azure 🔍 Search resources, services, and docs (G+/)

Azure services

Create a resource

Resource groups

Subscriptions

Tenant properties

Storage accounts

All resources



Home >

Resource groups



Platform Housing Group

+ Add



Manage view ▾



Refresh



Filter for any field...

Subscription ==

Home > Resource groups >

Create a resource group ...

Basics Tags Review + create

Resource group - A container that holds related resources for an Azure solution. The resource group can include all the resources for the solution, or only those resources that you want to manage as a group. You decide how you want to allocate resources to resource groups based on what makes the most sense for your organization. [Learn more](#)

Project details

Subscription * ⓘ Visual Studio Enterprise Subscription ▾

Resource group * ⓘ Development ✓

Resource details

Region * ⓘ (Europe) UK West ▾


Review + create


< Previous

Next : Tags >


Create a resource group ...

Basics Tags Review + create

Apply tags to your Azure resources to logically organize them by categories. A tag consists of a key (name) and a value. Tag names are case-insensitive and tag values are case-sensitive. [Learn more](#) 

Name ⓘ	Value ⓘ	Resource
<input type="text" value="author"/>	<input type="text" value="Matthew Bennett"/>	Resource group 
<input type="text"/>	<input type="text"/>	Resource group

Create a resource group ...

 Validation passed.

Basics Tags Review + create

Basics

Subscription

Visual Studio Enterprise Subscription

Resource group

Development

Region

UK West

Tags

author

Matthew Bennett

Create

< Previous

Next >

[Download a template for automation](#)

Browser tabs: D365 JS, Microsoft Azure Ent..., Customer Service P... | Other bookmarks

Navigation: Settings, Help, Profile (Matthew Bennett)

✓ Resource group created 1:27 PM ✕

Creating resource group 'Development' in subscription 'Visual Studio Enterprise Subscription' succeeded.

Go to resource group **Pin to dashboard**

Home > Resource groups >

Development Resource group ✕

Search (Ctrl+/) << [+](#) Add [≡](#) Edit columns [🗑](#) Delete resource group [🔄](#) Refresh [⬇](#) Export to CSV [🔗](#) Open query | ...

Overview JSON View

Essentials

Subscription (change) Deployments
 Visual Studio Enterprise Subscription No deployments

Subscription ID Location
 [Redacted] UK West

Tags (change)
 author : Matthew Bennett

Filter for any field... Type == all ✕ Location == all ✕ [+ Add filter](#)

Showing 0 to 0 of 0 records. Show hidden types ⓘ No grouping List view

Name ↑↓ Type ↑↓ Location ↑↓

No resources to display

Home >

Resource groups

Platform Housing Group

+ Add Manage view Refresh Export to CSV Open query

Filter for any field...

Subscription == **Visual Studio Enterprise Subscription**

Showing 1 to 3 of 3 records.

Name

Development

Live

MatthewTestRG

Home > Development >

GetemailCRM1 ...

Logic app

Search (Ctrl+)

Run Trigger Refresh Edit Delete

Overview

Activity log

Access control (IAM)

Tags

Diagnose and solve problems

Development Tools

Logic app designer

Logic app code view

To improve traffic flow, we're adding new outbound IP address 08/31/2020. Click to learn more.

^ Essentials

Resource group ([change](#))
Development

Location
UK West

Subscription ([change](#))
Visual Studio Enterprise Subscription

Subscription ID
[REDACTED]

Home > Resource groups > Testing > New >

Logic App

Microsoft



Logic App

Microsoft
★★★★☆ 4.1 (827 ratings)

Create

Overview Plans Usage Information + Support Reviews

Logic Apps allow developers to design workflows that articulate intent via a trigger and series of steps, each invoking an App Service API app whilst securely taking care of authentication and best practices like durable execution.

Easy to use design tools - Logic Apps can be designed end-to-end in the browser. Start with a trigger - from a simple schedule to whenever a tweet appears about your company. Then orchestrate any number of actions using the rich gallery of connectors.

Home > GetemailCRM1 >

Logic Apps Designer

Save Discard Run Designer **Code view** Parameters Templates Connectors Help Info

Search connectors and triggers

For You All Built-in Standard Enterprise Custom

Recent

Clear



Data Operations



Common Data Service



Request



Azure Functions




Variables

Home > GetemailCRM1 >



Logic Apps Designer

Save Discard Run Designer **Code view** Parameters Templates Connectors Help Info

```
1 {
2   "definition": {
3     "$schema": "https://schema.management.azure.com/providers/Microsoft.Logic/schemas/2016-06-01/workflowdefinition.json#",
4     "actions": {
5       "Get_record": {
6         "inputs": {
7           "host": {
8             "connection": {
9               "name": "@parameters('$connections')['commondataservice']['connectionId']"
10            }
11          },
12          "method": "get",
13          "path": "/v2/datasets/@{encodeURIComponent(encodeURIComponent('██████████.crm11'))}/tables/@{encodeURIComponent(
14        },
15        "runAfter": {},
16        "type": "ApiConnection"
17      },
18    }
19  }
```

 When a HTTP request is received ...



 **Get record**  ...


* Environment ▼

* Entity Name ▼

* Item identifier

Connected to [Change connection.](#)



 **email** ...

* Inputs

Chapter 3: Referencing Data within Actions

{x} Initialize variable Title ...

*Name Title

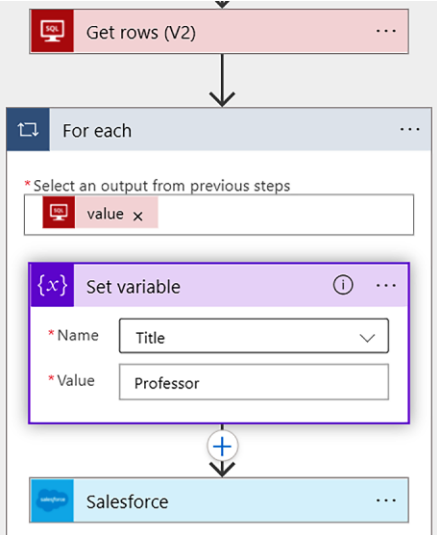
*Type String

Value Enter initial value

{x} Set variable Title ...

*Name Title

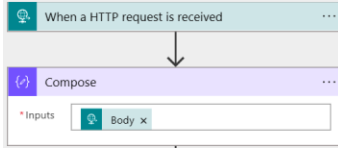
*Value Professor



{x} Set variable Title ...

*Name Title

*Value Title x



Logic Apps Designer ...

Start with a common trigger

Pick from one of the most commonly used triggers, then orchestrate any number of actions using the rich collection of connectors

When a message is received in a Service Bus queue	When a HTTP request is received	When a new tweet is posted	When an Event Grid resource event occurs
Recurrence	When a new email is received in Outlook.com	When a new file is created on OneDrive	When a file is added to FTP server

Templates

Choose a template below to create your Logic App.

Category:

Sort by:

Blank Logic App	Azure Monitor - Metrics Alert Handler	Auto tier Azure blobs based on the last modified time.	Delete old Azure blobs
-----------------	---------------------------------------	--	------------------------

Dynamic content Expression

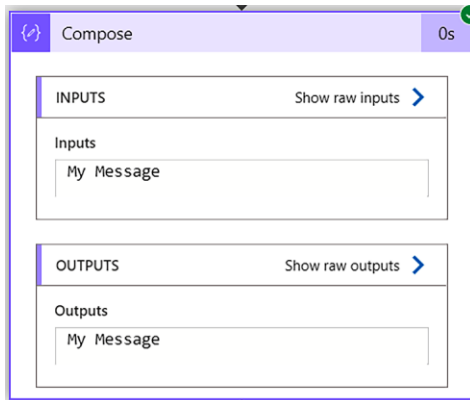
When a HTTP request is received


- Body

- Headers

- Queries

- Path Parameters



 chrome web store

Home > Extensions > Level up for Dynamics 365/Power Apps



Level up for Dynamics 365/Power Apps

Remove from Chrome

Offered by: Natraj Yegnaman

★★★★★ 79 | Productivity | 50,000+ users

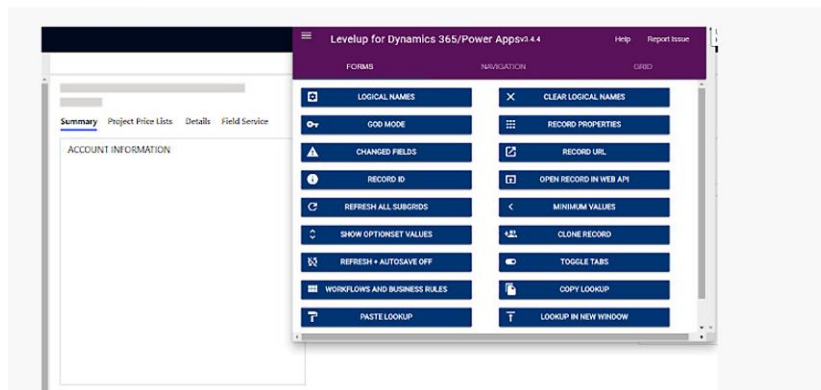
Overview

Privacy practices

Reviews

Support

Related



User Registration

* Required field

Name *

Username *

admin

Password *

.....

Confirm Password *

Email Address *

Confirm email Address *

User Details

Company (optional)

Phone Number *

Address *

City (optional)

Suwanee

State (optional)

GA

Postal Code (optional)

30024

Country (optional)

USA

Get row ⓘ ...

* Environment ▾

* Table Name ▾

* Item identifier

+

Compose ⓘ ...


* Inputs

Chapter 4: Reading Complex Data

Create Logic App ...


Basics Tags Review + create

Summary

 **Logic App**
by Microsoft

Details


Subscription	*****@*****.onmicrosoft.com
Resource Group	TestCreate
Name	ParsinganArray
Region	ukwest
Log analytics	Disabled

 When a HTTP request is received ...


HTTP POST URL

Request Body JSON Schema

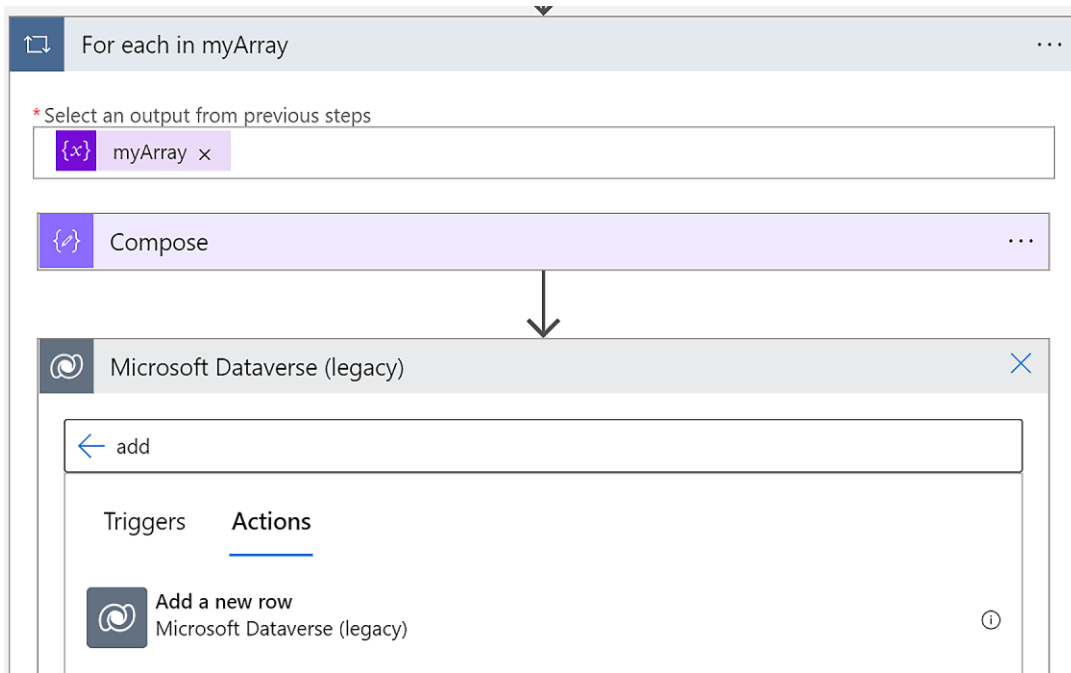
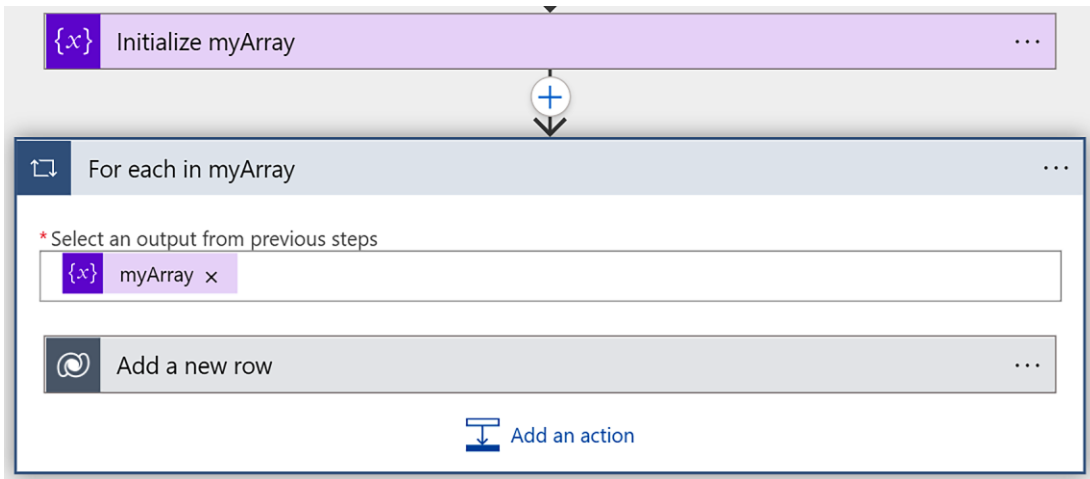
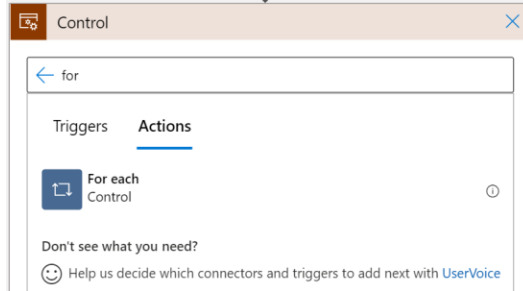
[Use sample payload to generate schema](#)

 When a HTTP request is received ...

↓

 Initialize myArray ...

*Name	<input type="text" value="myArray"/>
*Type	<input type="text" value="Array"/>
Value	<input "="" type="text" value='["John Smith", "Robert Lowe", "Victor Fisher", "Sarah Sutton", "Julie Evans"]'/>



For each in myArray

*Select an output from previous steps

{x} myArray x

Add a new row

* Environment: Sandbox (platformsandbox)

* Table Name: Contacts

fullname: Current item x

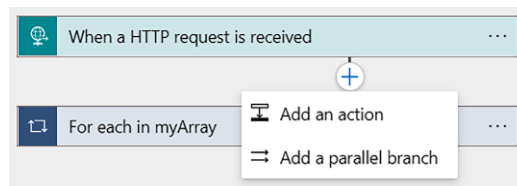
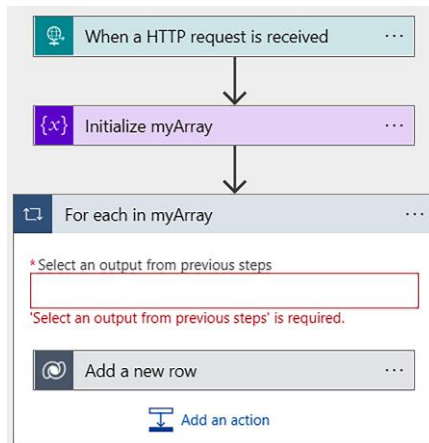
Connected to [Microsoft Dynamics CRM](#) [Change connection.](#)

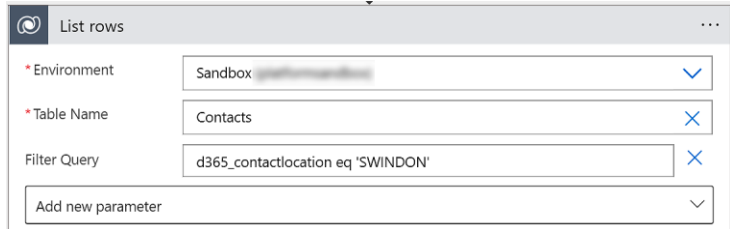
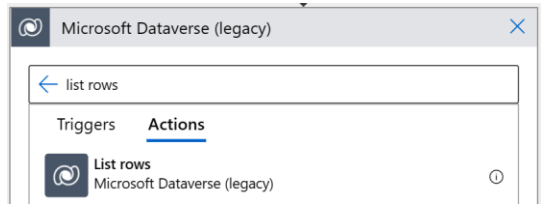
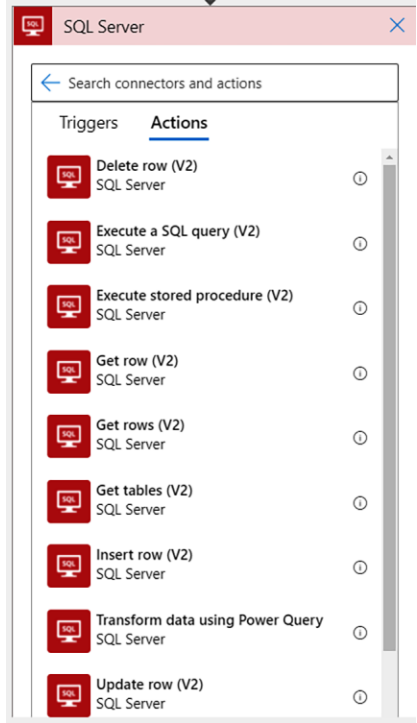
Clone Open in mobile Export Feedback

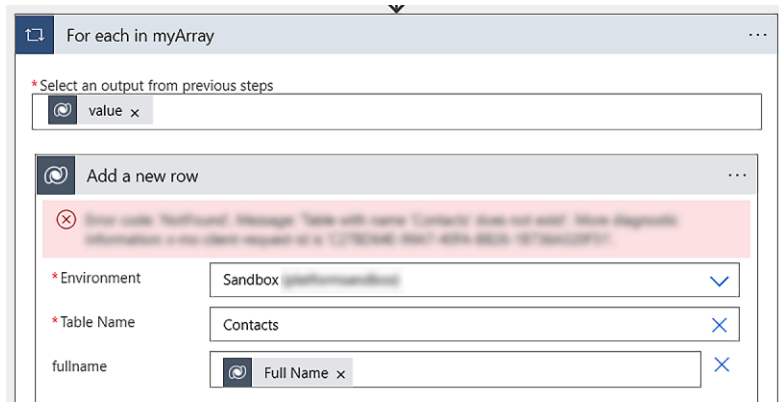
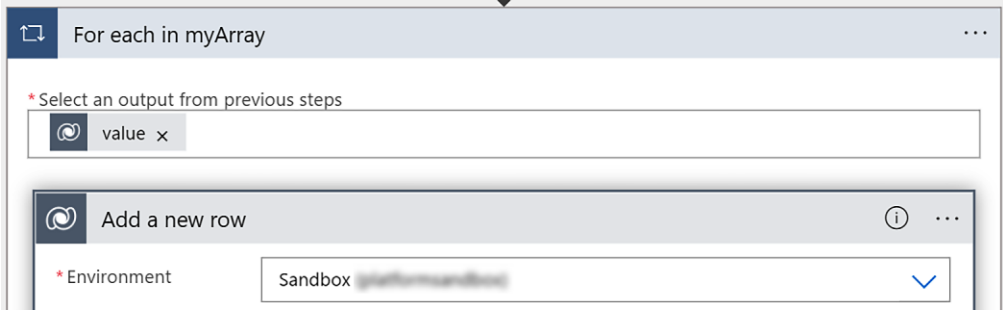
Create a logic app

Create

Logic app name *







Chapter 5: Manipulating Data

The screenshot displays the Microsoft Power Apps interface. At the top, the 'Power Apps' header is visible. Below it is a ribbon with tabs: 'File', 'Show Dependencies', 'Solution Layers', 'Publish', 'Update Icons', 'Delete', 'Managed Properties', and 'Help'. On the left side, there is a navigation pane titled 'Bing Map Lookup' with an 'Information' icon. Below this, a tree view shows the 'Solution Default Solution' structure, including 'Badge Type', 'Batch Job', 'Benefit', 'Bing Map Lookup' (selected), 'Forms', 'Views', 'Charts', 'Fields', 'Keys', '1:N Relationships', 'N:1 Relationships', 'N:N Relationships', 'Business Rules', 'Hierarchy Settings', 'Dashboards', 'Blog', 'Blog Post', 'Bookable Resource', and several 'Bookable Resource A...' items.

The main area shows the configuration for the 'Bing Map Lookup' entity. The 'General' tab is active, displaying the following settings:

- Entity Definition**
 - Display Name *: Bing Map Lookup
 - Plural Name *: Bing Map Lookups
 - Name *: adx_bingmaplookup
 - Primary Image: [None]
 - Color: [Green]
 - Description: [Empty text box]
 - Virtual Entity:
 - Data Source: [None]
 - Ownership *: Organization
 - Define as an activity entity:
 - Display in Activity Menus:
- Areas that display this entity**
 - Sales:
 - Settings:
 - Portals:
 - Service:
 - Community:
 - Marketing:
 - Adobe Sign:
 - Training:
 - Gamification:
- Process**
 - Business process flows (fields will be created) +:
- Communication & Collaboration**
 - Feedback +:

B11 : x ✓ fx =VLOOKUP(B7,\$B\$2:\$G\$9,3,FALSE)

	A	B	C	D	E	F	G
1	no	code	product	colour	quantity	prices	total
2		1	101 apples	green		5 £ 0.21	£ 1.05
3		2	201 pairs	green		9 £ 0.30	£ 2.70
4		3	301 oranges	orange		5 £ 0.45	£ 2.25
5		4	401 pepper	red		7 £ 0.60	£ 4.20
6		5	501 peaches	orange		8 £ 0.76	£ 6.08
7		6	102 plums	yellow		2 £ 0.34	£ 0.68
8		7	202 Avocado	green		5 £ 0.80	£ 4.00
9		8	302 Pineapple	brown		6 £ 1.20	£ 7.20
10							
11		yellow					

SalesAmount
Sales

	B	C	D	E	F	G	
1	no	code	product	colour	quantity	prices	total
2		1	101 apples	green		8 £ 0.21	£ 1.68
3		2	201 pairs	green		7 £ 0.30	£ 2.10
4		3	301 oranges	orange		3 £ 0.45	£ 1.35
5		4	401 pepper	red		7 £ 0.60	£ 4.20
6		5	501 peaches	orange		10 £ 0.76	£ 7.60
7		6	102 plums	yellow		5 £ 0.34	£ 1.70
8		7	202 Avocado	green		6 £ 0.80	£ 4.80
9		8	302 Pineapple	brown		1 £ 1.20	£ 1.20

A divide B

*Inputs $\{x\} a x / \{x\} b x$

A plus B

*Inputs f_x add(...) x

Add dynamic content +

Dynamic content Expression

f_x | add(variables('a'),variables('b'))

A minus B

*Inputs f_x sub(...) x

Add dynamic content +

Dynamic content Expression

f_x | sub(variables('a'),variables('b'))

A multiply B

*Inputs f_x mul(...) x

Add dynamic content +

A divide B

Dynamic content Expression

f_x | mul(variables('a'),variables('b'))

A divide B

* Inputs `fx div(...) x`

Add dynamic content +



fx

Dynamic content Expression

`fx |div(variables('a'),variables('b'))`

A remainder B

* Inputs `fx mod(...) x`

Add dynamic content +



fx

Dynamic content Expression

`fx |mod(variables('a'),variables('b'))`

{x}

Initialize variable First Name

...

{x}

Initialize variable Middle Name

...

{x}

Initialize variable Last Name

...

* Name

lastName

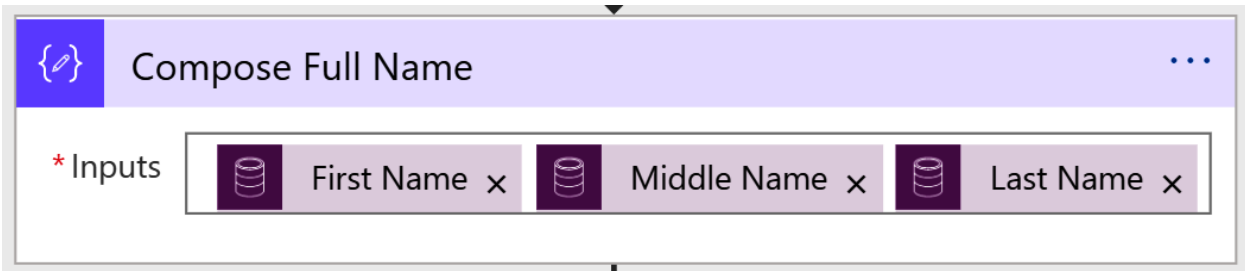
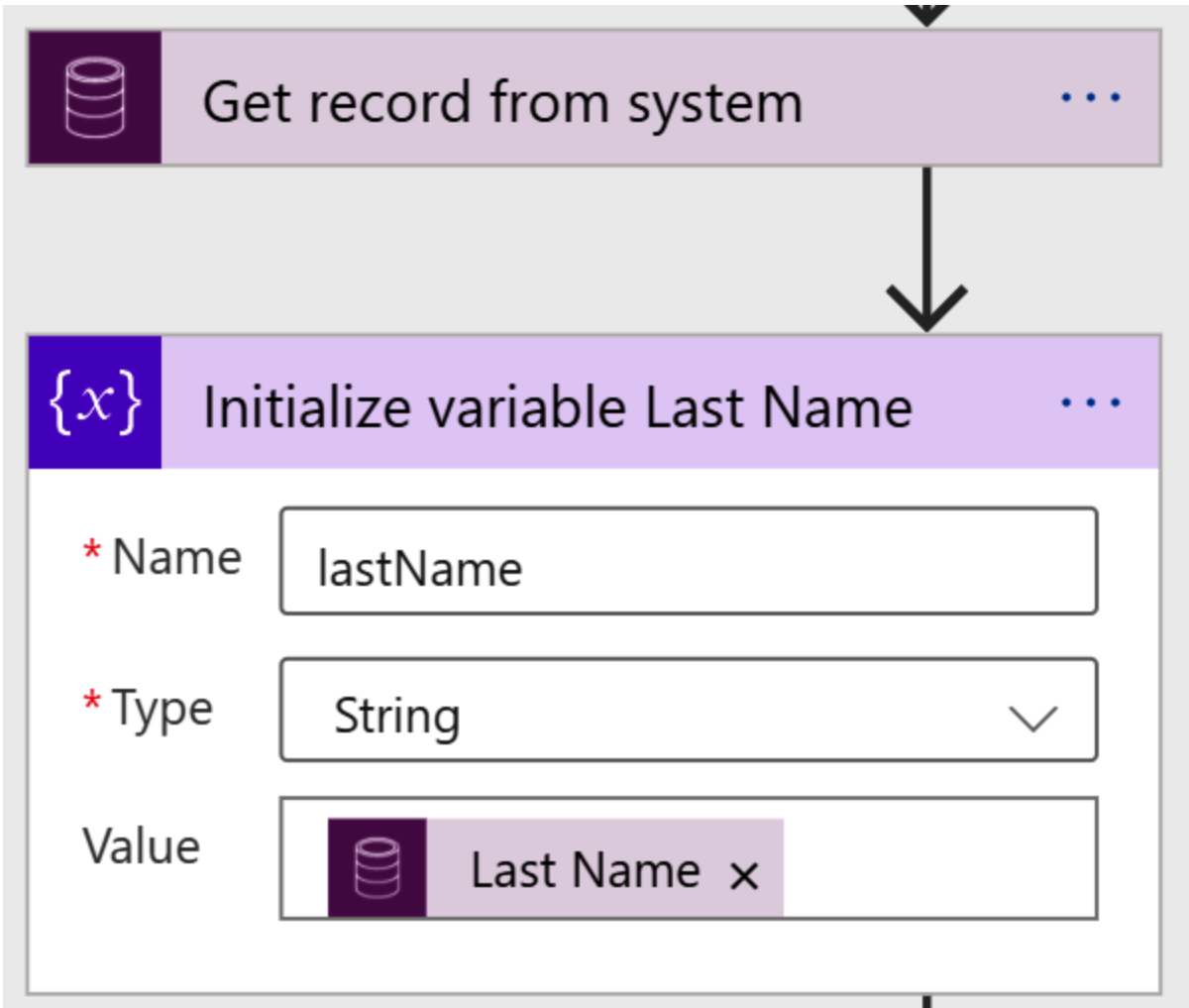
* Type


String




Value

Enter initial value



 Compose Full Name i ...

* Inputs


[Add dynamic content](#) 

Dynamic content Expression

```
fx |concat(body('Get_record_from_system'))?['
```

[Update](#)

String functions [See more](#)

 **concat(text_1, text_2?, ...)**
Combines any number of strings together



Join

0s



INPUTS

Show raw inputs >

From

```
[  
  3,  
  6,  
  9,  
 12,  
 15  
]
```

Join with

,

OUTPUTS

Show raw outputs >

Body

3,6,9,12,15



SubString

0s



INPUTS

Show raw inputs >

Inputs

3,6

OUTPUTS

Show raw outputs >

Body

3,6,9,12,15



Length of a String

0s



INPUTS

Show raw inputs >

Inputs

11



Position of a Character in a String

0s



INPUTS

Show raw inputs



Inputs

1

Chapter 6: Working with the Common Data Service

Home > Microsoft.EmptyWorkflow > TestREST >

MatthewTestRG ...
Resource group

Search (Ctrl+/) << **+ Add** Edit columns Delete resource group Refresh Export to CSV Open query

Overview

- Activity log
- Access control (IAM)
- Tags
- Events

Essentials

Subscription (change) Visual Studio Enterprise Subscription	Deployments 1 Failed, 2 Succeeded
Subscription ID [REDACTED]	Location UK West
Tags (change) Click here to add tags	

Home > Microsoft.EmptyWorkflow > TestREST > MatthewTestRG >

New ...

Azure Marketplace [See all](#)

Popular

Get started

Recently created

AI + Machine Learning

Analytics

Blockchain

Compute

Containers



Windows Server 2016 Datacenter
[Quickstarts + tutorials](#)



Ubuntu Server 18.04 LTS
[Learn more](#)



Web App
[Quickstarts + tutorials](#)



SQL Database

Marketplace ...

Private Marketplace

Favorites

Recently created

Service Providers

Categories

Get Started

AI + Machine Learning

Analytics

Blockchain

Compute

Containers

Databases

Developer Tools


logic app

Pricing : All

Operating System

Showing results for 'logic app'.

Showing 1 to 14 of 14 results.



Alert Logic Enterprise - BYOL



Alert Logic


No rating

Virtual Machine

Alert Logic Enterprise gives you options for a managed WAF and assigned SOC analyst.

Bring your own license

Create  





Logic App


Microsoft

★★★★☆ 4.1 (827 ratings)

Azure Service

Automate the access and use of data across clouds without writing code

Create  





Logic App (preview)

Microsoft

★★☆☆☆ 1.7 (3 ratings)

Azure Service

Logic App allows you to connect your business-critical apps and services with Azure Logic Apps.

Create  



Logic App

Microsoft

★★★★☆ 4.1 (827 ratings)

Azure Service

Automate the access and use of data across clouds without writing code

Create ▾



Logic App

Logic App


Create a logic app ...


[Basics](#) [Tags](#) [Review + create](#)

Create workflows leveraging hundreds of connectors and the visual designer. [Learn more](#) 

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * 

Resource group * 


[Create new](#)


Create a logic app ...


Instance details

Logic app name * 

Region * 

Associate with integration service environment 

Integration service environment 

Enable log analytics 

Log Analytics workspace 

Create a logic app ...

Basics Tags Review + create

Basics

Subscription

Visual Studio Enterprise Subscription

Resource group

MatthewTestRG

Logic app name

TestREST_1

Location

UK West

Tags

Create

< Previous : Tags

Next : Review + create >

Logic Apps Designer ...

Start with a common trigger

Pick from one of the most commonly used triggers, then orchestrate any number of actions using the rich collection of connectors



When a message is received in a Service Bus queue



When a HTTP request is received



When a new tweet is posted



When an Event Grid resource event occurs



Recurrence



When a new email is received in Outlook.com











When a new file is created on OneDrive





When a file is added to FTP server

Home > Microsoft.EmptyWorkflow >

TestREST_1  ...
Logic app

 Run Trigger  Refresh  Edit  Delete  Disable  Update Schema  Clone  Open in mobile ...

 To improve traffic flow, we're adding new outbound IP addresses for Logic Apps. Review action needed if you're filtering IP addresses with firewall settings before 08/31/2020. Click to learn more. 





- Overview
- Activity log
- Access control (IAM)
- Tags
- Diagnose and solve problems
- Development Tools
 - Logic app designer
 - Logic app code view
 - Versions
 - API connections


Essentials JSON View

Resource group (change) MatthewTestRG	Definition 1 trigger, 0 actions
Location UK West	Status Enabled
Subscription (change) Visual Studio Enterprise Subscription	Runs last 24 hours 0 successful, 0 failed
Subscription ID [REDACTED]	Integration Account ---

Get started **Runs history** Trigger history Metrics


Postman
File Edit View Help

 New  Import  Runner 

My Workspace  Invite



Filter

History



- + New Collection
- > OH_W_Coll  30 requests
- > OH_F_Coll 88 requests

Create New **Templates** API Network

BUILDING BLOCKS

-  **Request**
Create a basic request
-  **Collection**
Save your requests in a collection for reuse and sharing

ADVANCED

-  **API Documentation**
Create and publish beautiful documentation for your APIs
-  **Mock Server**
Create a mock server for your in-development APIs

SAVE REQUEST

Requests in Postman are saved in collections (a group of requests).

[Learn more about creating collections](#)

Request name

TestTEST_1

Request description (Optional)

Make things easier for your teammates with a complete request description.

Descriptions support [Markdown](#)

Select a collection or folder to save to:

Search for a collection or folder

◀ OH_W_Coll

+ Create Folder

POST GetTncyTrans

POST GetPlace

POST Update Location Components *Waterloo*

Cancel

Save to OH_W_Coll

▶ TestTEST_1

GET

Enter request URL

Params

Authorization

Headers (6)

Body

Pre-request Script

Tests

Settings

Query Params

KEY	VALUE
Key	Value

▶ TestREST_1

POST

Enter request URL

Params

Authorization

Headers (8)

Body ●

Pre-request Script

Tests

Settings

none

form-data

x-www-form-urlencoded

raw

binary

GraphQL

JSON

1

016-10-01&sp=%2Ftriggers%2Fmanual%2Frun&sv...

Send

Save

Cookies Code

Beautify



Status: 202 Accepted Time: 1473 ms Size: 1.23 KB

Save Response

Get started Runs history Trigger history Metrics

All Start time earlier than Pick a date Pick a time

Specify the run identifier to open monitor view directly

Status	Start time	Identifier	Duration	Static Results
✔ Succeeded	4/5/2021, 11:43 AM	085858398744637009...	60 Milliseconds	

When a HTTP request is received

+ New step

Request

← Search connectors and actions

Triggers Actions

Response Request

Response

* Status Code

Headers

Enter key	Enter value
-----------	-------------

Body

Add new parameter

i Save logic app completed

11:58 AM

Logic app: TestREST_1 was saved successfully

1 {}

Body Cookies Headers (26) Test Results

Pretty

Raw

Preview

Visualize

Text

1 Hello world!




Enter or paste a sample JSON payload.

```
{ "Firstname": "Matthew" }
```

Dynamic content Expression

Search dynamic content

When a HTTP request is received

-  **Body**
-  Headers
-  Queries



Response



* Status Code

200

Headers

Enter key

Enter value



Body

Hello



Firstname x !

Add new parameter





Status: 200 OK

Time: 291 ms

Size: 1.28 KB

Save Response ▼

EVENT	TIME
Prepare	4.11 ms
Socket Initialization	79.39 ms
DNS Lookup	Cache
TCP Handshake	Cache
SSL Handshake	Cache
Transfer Start	209 ms
Download	2.31 ms
Process	0.12 ms
Total	294.9 ms

Add new parameter



Add an action



Add a parallel branch



Response





Choose an operation


Search connectors and actions


For You All Built-in Standard Enterprise Custom


Recent Clear

 Common Data Service

 Request

 Data Operations

 Variables

 Get record ...

* Environment

* Entity Name

* Item identifier

Response

* Status Code

200

Headers

Enter key	Enter value
-----------	-------------

Body

Hello !

Add new parameter

▶ TestREST_1

POST <https://prod-25.ukwest.logic.azure.com:443/workflows/35cb>

Params ● Authorization Headers (8) Body ● Pre-request Script



none form-data x-www-form-urlencoded raw binary

```
1 {"ContactID": "0d4685c5-ac04-eb11-a813-000d3a86ba0b"}
```



Body Cookies Headers (26) Test Results

Pretty Raw Preview Visualize Text

```
1 Hello Mr Billy Kidd!
```

 Get record 



 Response 

* Status Code









200


Headers

Enter key	Enter value
-----------	-------------



Body

-  Rename
-  Add a comment
-  Static result (Preview)
-  Settings
-  Configure run after 
-  Peek code
-  Delete

 List records ⋮


* Environment
Development ▾


* Entity Name
Contact ▾

Filter Query ✕
lastname eq 'Smith'

Top Count ✕
5


Add new parameter ▾


Filter Query ✕
lastname  lastName x'


Top Count ✕
 topCount x


↻ For each ...

* Select an output from previous steps


 value x

 Append to string variable ...

 Add an action

 Append to string variable ⓘ ...

* Name

* Value First Name x  Last Name x !,""/>

Add dynamic content +

```
1 {  
2   "lastName": "Smith",  
3   "topCount": 5  
4 }
```

Body Cookies Headers (26) Test Results

Pretty

Raw

Preview

Visualize

Text



1 Hello dave smith!,Hello Hayley Smith!,



Save



Save & Close



New

Dr

Person Title

General

Related

Person Titles

Title

*

Dr

Sequence

60

▼

{ } Compose Title GUID ...

* Inputs c98f7542-2d74-ea11-a813-000d3a86b618

|

↻ For each ...

* Select an output from previous steps

value x

🗄️ Update a record i ...

* Environment	Development ▼
* Entity Name	Persons ▼
* Record identifier	🗄️ Contact x
Contact Category Value	▼
Last Name	Type the contact's last name to make sure the contact is addressed correctly in
Person Type Value	▼
System Name Value	▼
Title Value	Dr ▼ ×
titleid	c98f7542-2d74-ea11-a813-000d3a86b618 ×



dave smith

Person

General

Details


Legacy Info

Applications

Primary Details

Title

 **Dr**

 Initials

d

Date of Birth

06/03/1995

 Age

24

First Name

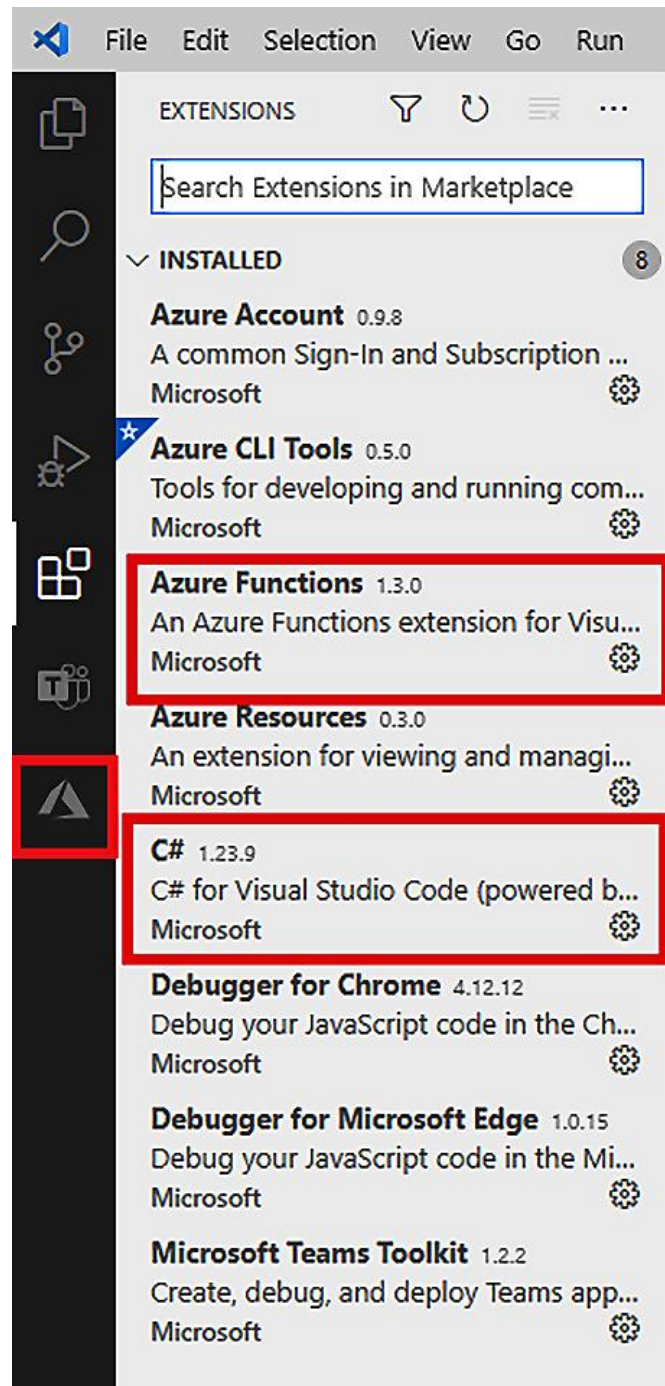
dave

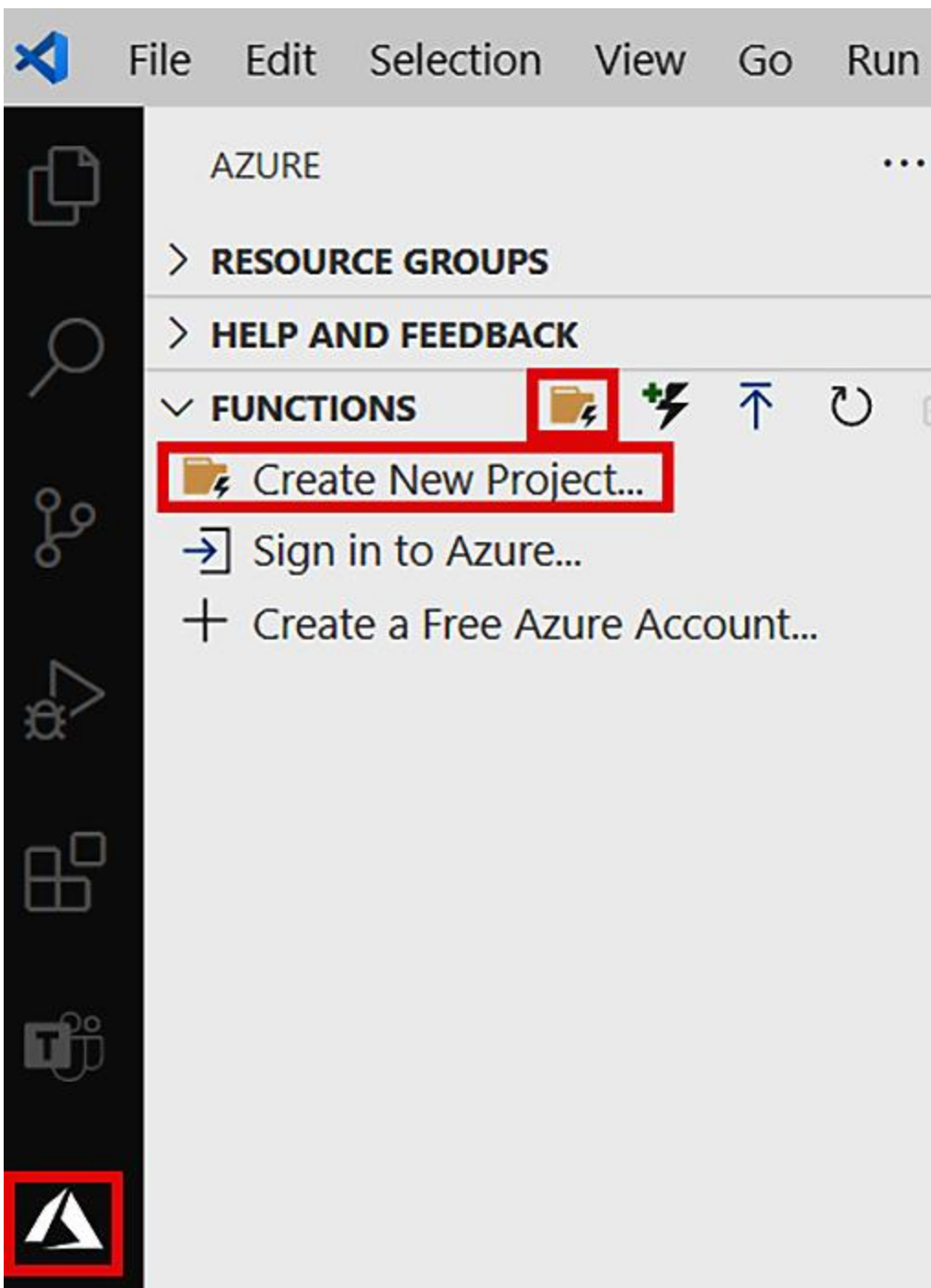
Middle Name

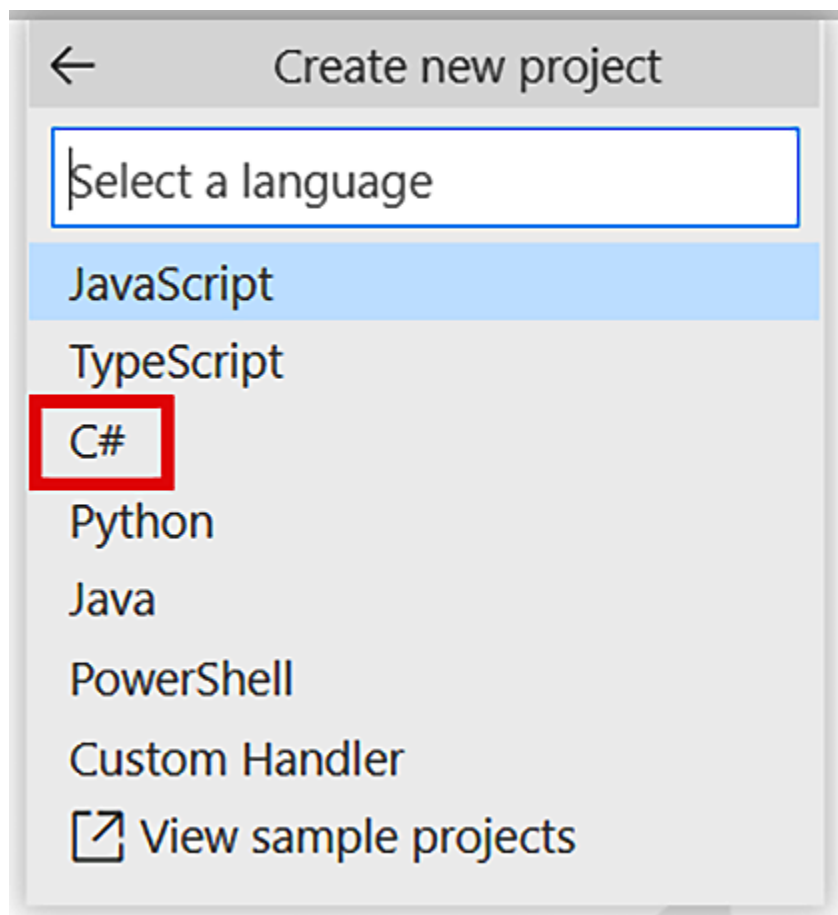
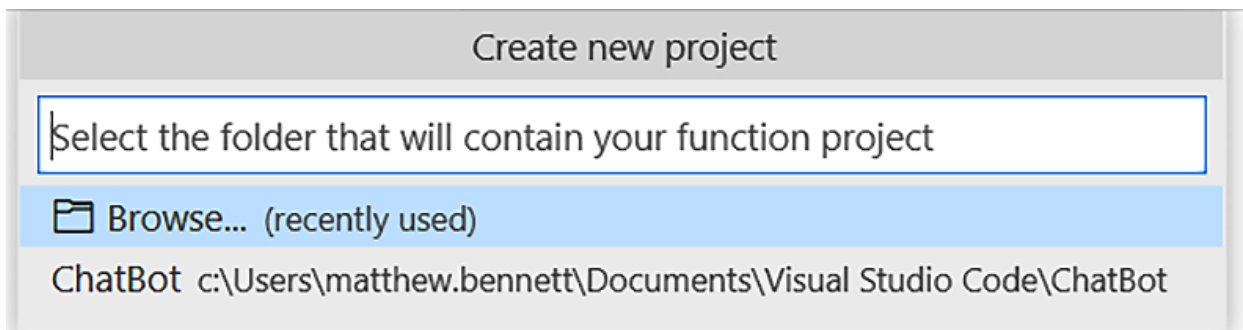
Last Name

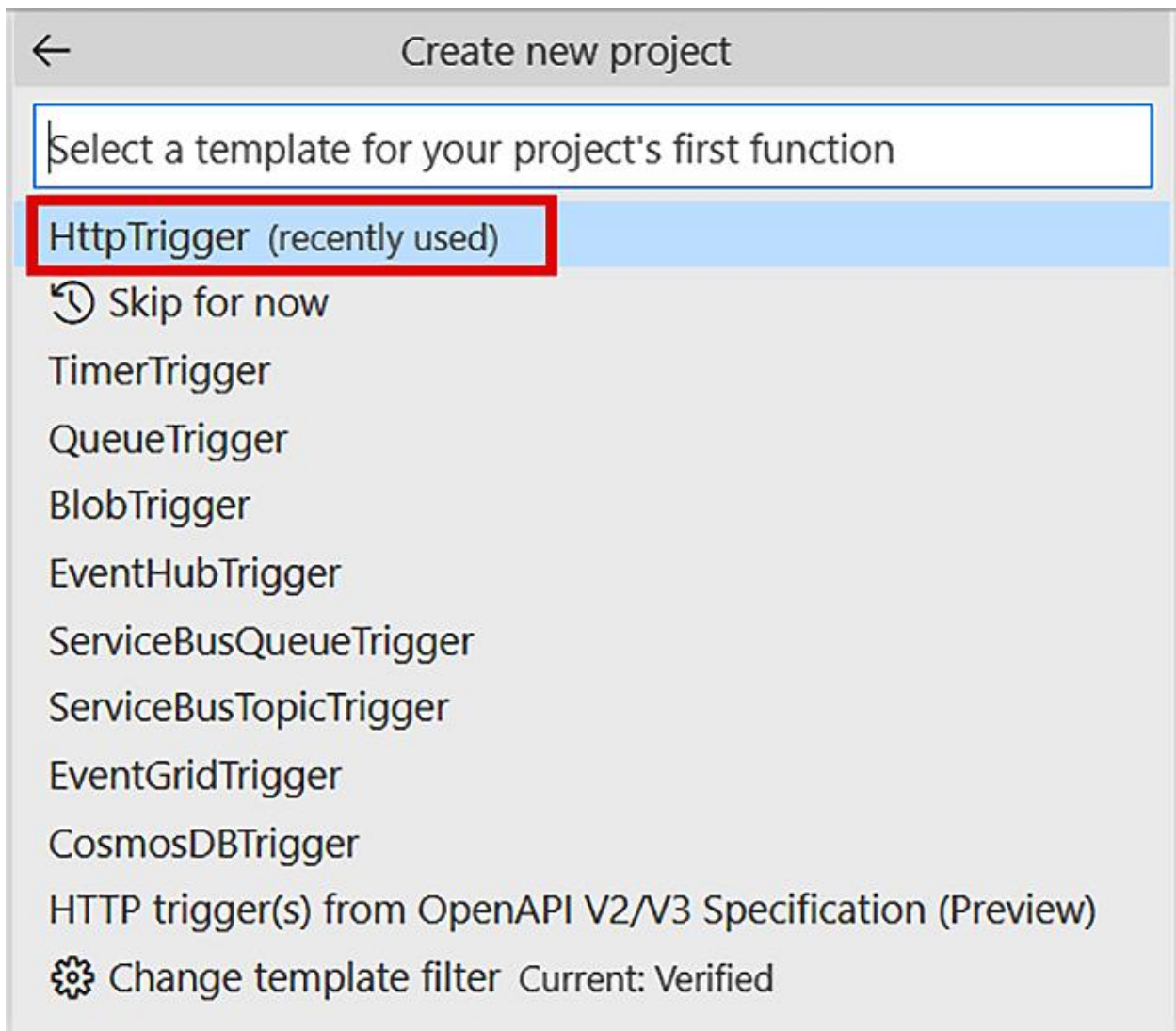
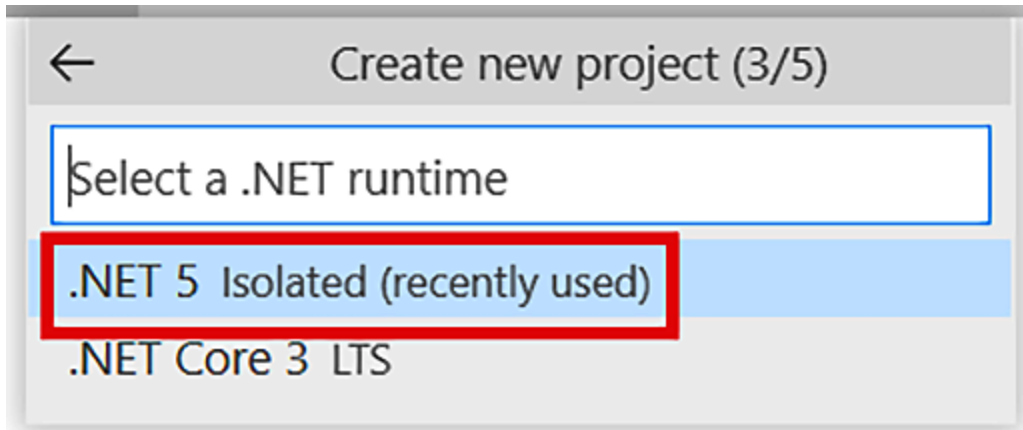
* **smith**

Chapter 7: Working with Azure Functions









← Create new HttpTrigger (5/8)

HttpFunctionMJB

Provide a function name (Press 'Enter' to confirm or 'Escape' to cancel)

← Create new HttpTrigger (6/8)

My.MJBFunctions

Provide a namespace (Press 'Enter' to confirm or 'Escape' to cancel)

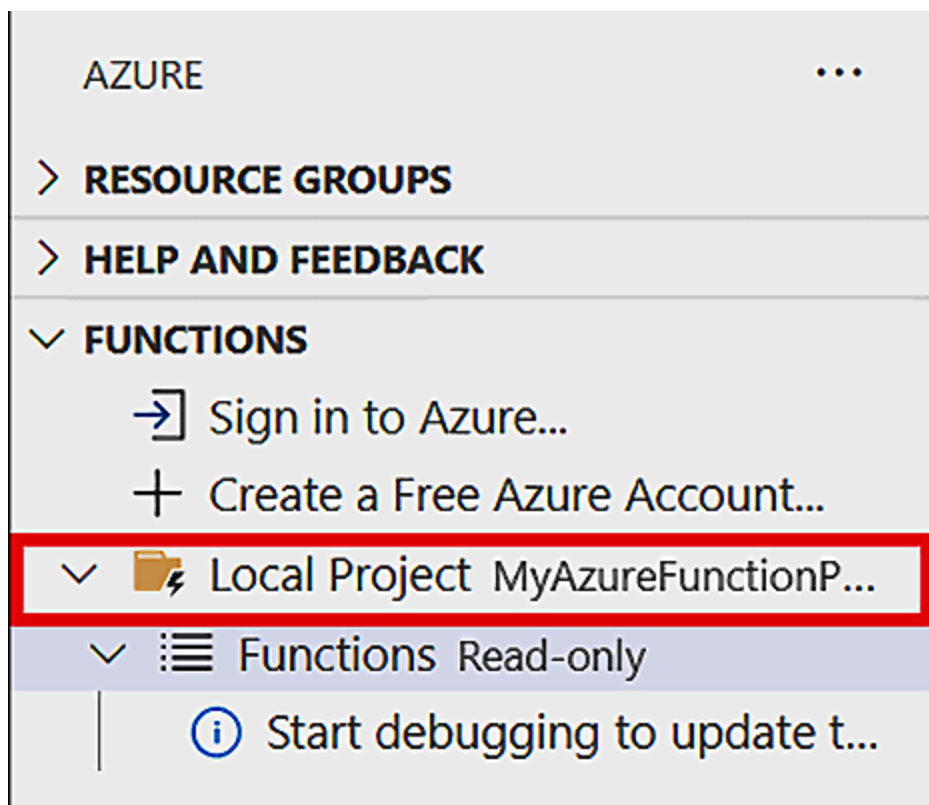
← Create new HttpTrigger (7/8)

AccessRights

Anonymous (recently used)

Function

Admin



>

.NET: Restore Projectrecently used 

.NET: Debug Tests in Context

other commands

.NET: Generate Assets for Build and Debug

.NET: Restore All Projects

.NET: Run Tests in Context

Add Browser Breakpoint

Add Cursor Above

Ctrl + Alt + UpArrow

Add Cursor Below

Ctrl + Alt + DownArrow

Add Cursors To Bottom

Add Cursors to Line Ends

Shift + Alt + I

Add Cursors To Top

Add Function Breakpoint

Azure Functions Core Tools

Core Tools Version: 3.0.3388 Commit hash: fb42a4e0b7fdc85fbd0bcfc8d743ff7d509122ae
Function Runtime Version: 3.0.15371.0

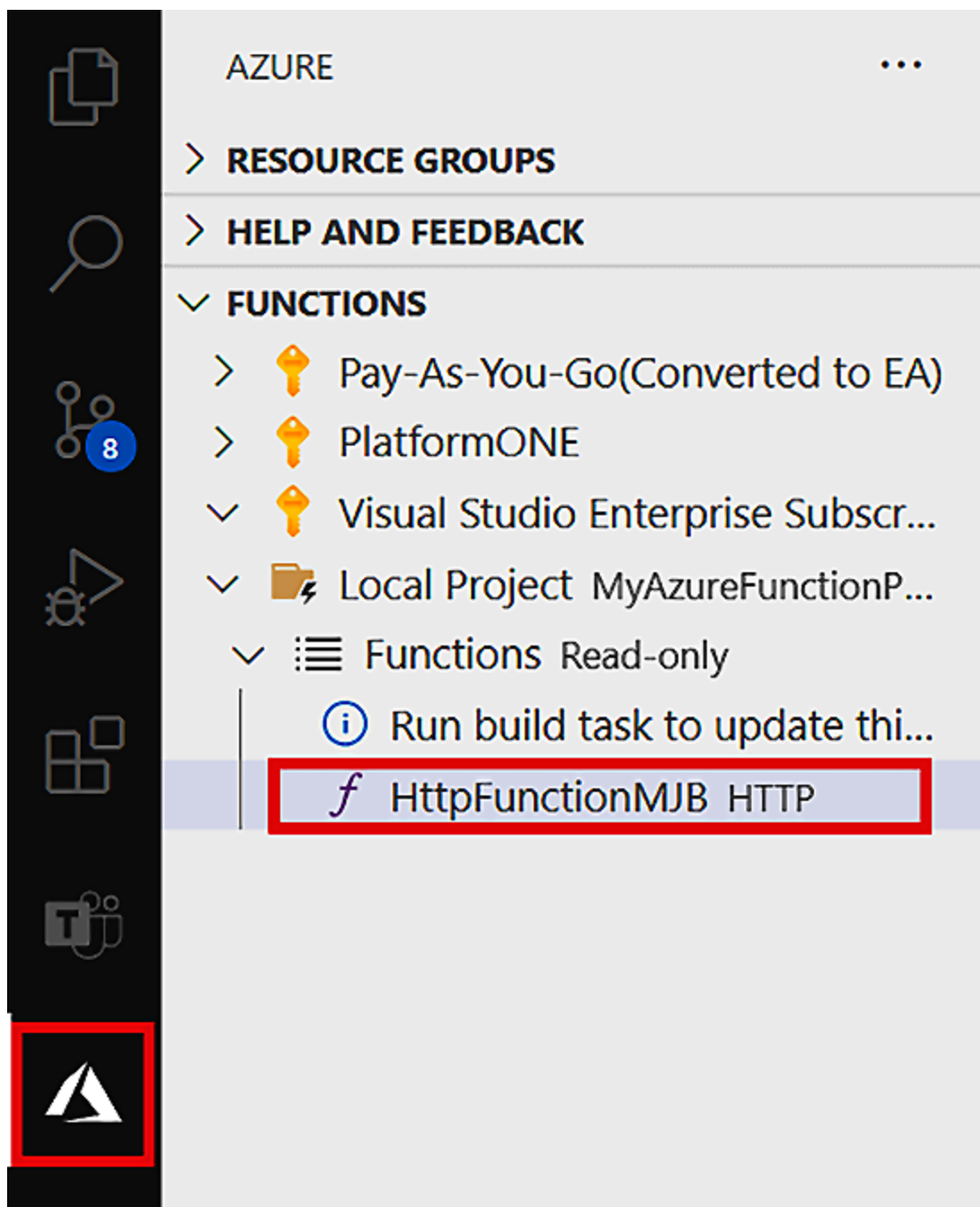
[2021-04-07T15:03:07.855Z] Found C:\Users\matthew.bennett\Documents\Visual Studio Code\MyAzureFunctionProject\MyAzureFunctionProject.csproj. Using for user secrets file configuration.

Functions:

HttpFunctionMJB: [GET,POST] http://localhost:7071/api/HttpFunctionMJB

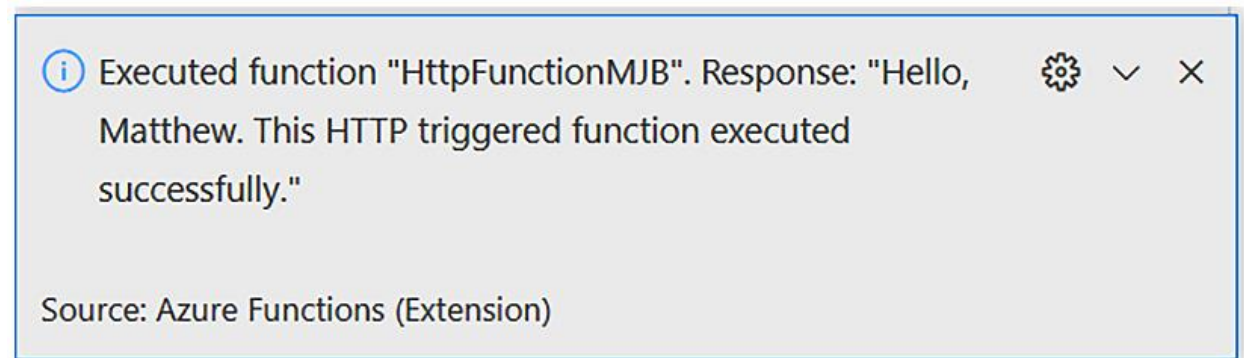
For detailed output, run func with --verbose flag.

[2021-04-07T15:03:22.119Z] Host lock lease acquired by instance ID '000000000000000000000000EF1DFA21'.



```
{ "name": "Matthew" }
```

Enter request body (Press 'Enter' to confirm or 'Escape' to cancel)



▶ Test VSC


POST http://localhost:7071/api/HttpFunctionMJB

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

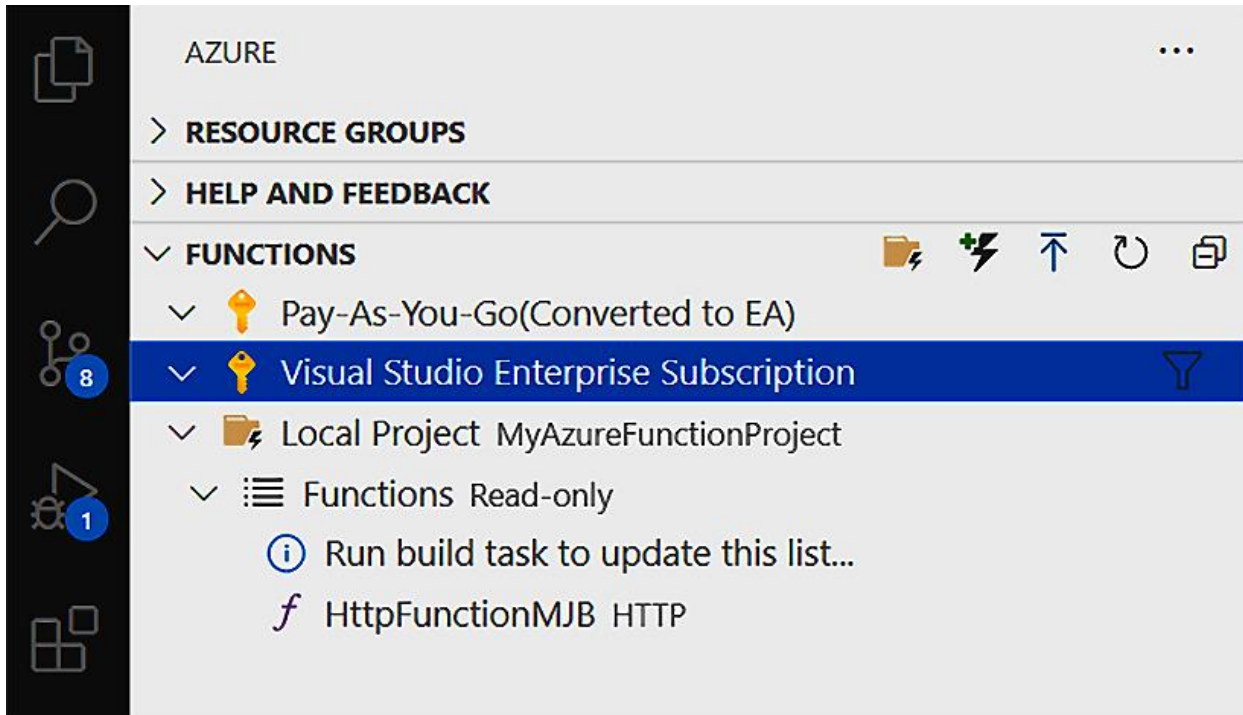
● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▼

```
1 { "name": "Matthew" }
```













Body Cookies Headers (4) Test Results

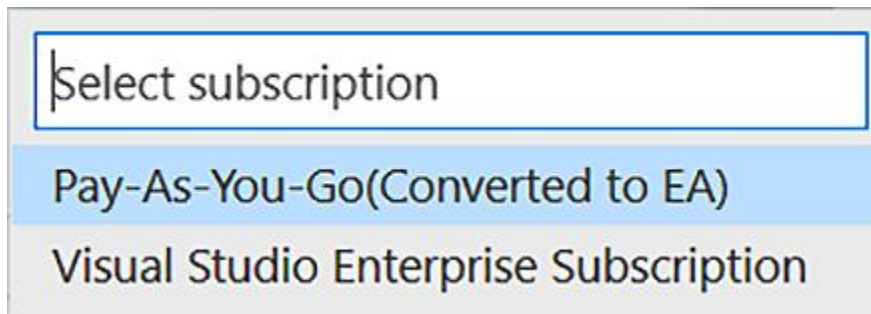
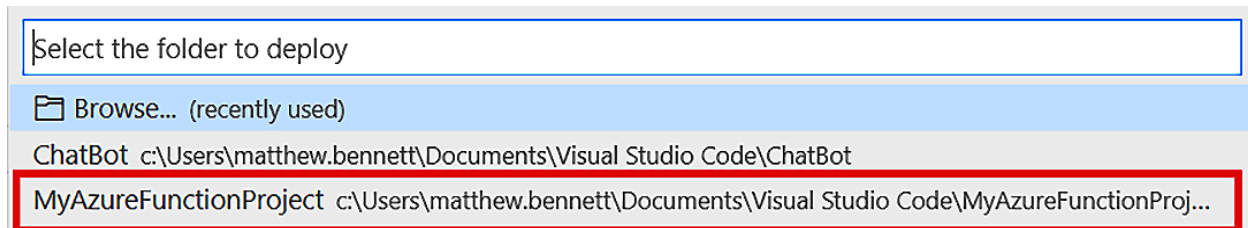
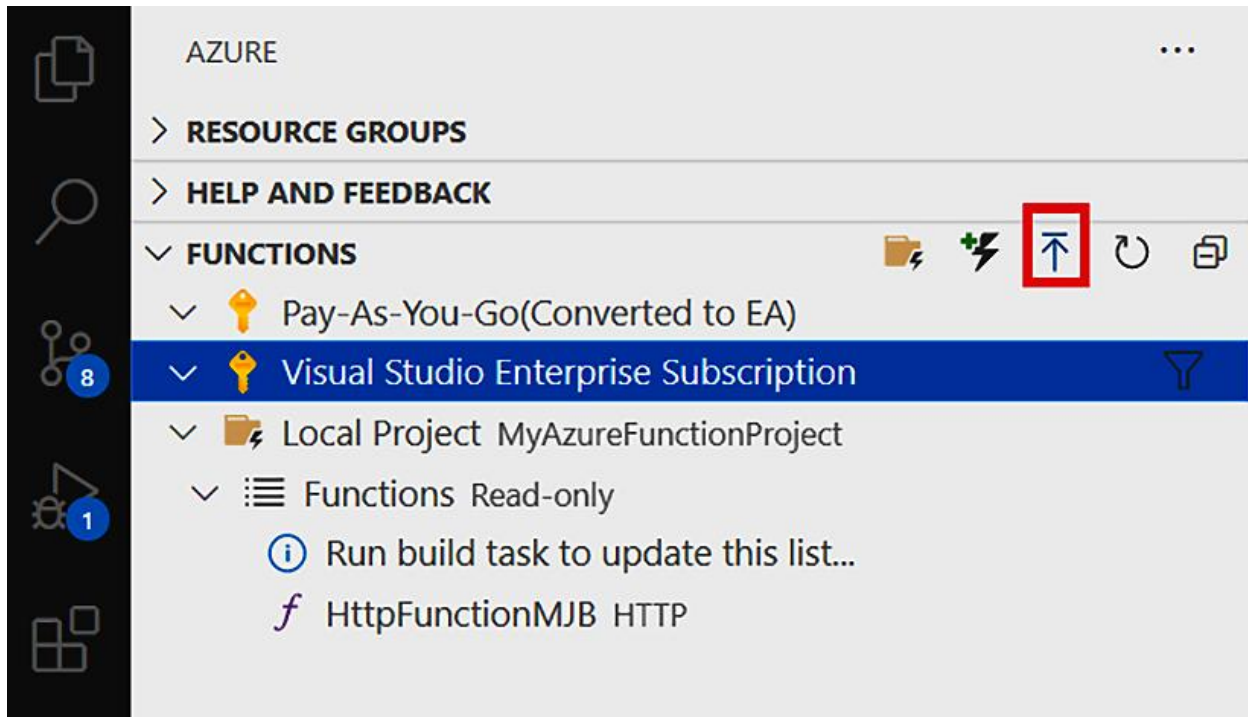
Pretty Raw Preview Visualize Text ▼ 

```
1 Hello, Matthew. This HTTP triggered function executed successfully.
```



AZURE

- > RESOURCE GROUPS
- > HELP AND FEEDBACK
- ▼ FUNCTIONS     
- ▼  Pay-As-You-Go(Converted to EA)
- ▼  **Visual Studio Enterprise Subscription** 
- ▼  Local Project MyAzureFunctionProject
- ▼  Functions Read-only
 -  Run build task to update this list...
 -  HttpFunctionMJB HTTP



Select Function App in Azure

+ Create new Function App in Azure...

+ Create new Function App in Azure... Advanced

Create new Function App in Azure (1/3)

HttpFunctionMJB

Enter a globally unique name for the new function app. (Press 'Enter' to confirm or 'Escape' to cancel)



Create new Function App in Azure (2/3)

Select a runtime stack.

.NET Core 3.1

.NET 5 (non-LTS)

Select a location for new resources.

Southeast Asia

Switzerland North

Switzerland West

UAE Central

UAE North

UK South

UK West

West Central US

West Europe

West India

West US

West US 2

 Deployment to "HttpFunctionMJB" completed.



Source: Azure Function...

[Stream logs](#)

[Upload settings](#)

[View output](#)

httpfunctionmjb

Resource group

Search (Ctrl+)

+ Add Edit columns Delete resource group Refresh Export to CSV

Overview

Activity log

Access control (IAM)

Tags

Events

Settings

Deployments

Security

Policies

Properties

Locks

Essentials

Subscription (change) : Visual Studio Enterprise Subscription

Subscription ID : [blurred]

Tags (change) : [Click here to add tags](#)

Filter for any field... Type == all Location == all Add filter

Showing 1 to 4 of 4 records. Show hidden types

<input type="checkbox"/>	Name ↑↓	Type ↑↓	Location ↑↓
<input type="checkbox"/>	httpfunctionmjb	Application Insights	UK West
<input type="checkbox"/>	httpfunctionmjb	Storage account	UK West
<input type="checkbox"/>	HttpFunctionMJB	Function App	UK West
<input type="checkbox"/>	UKWestPlan	App Service plan	UK West



When a HTTP request is received



HTTP POST URL

URL will be generated after save



Request Body JSON Schema

```
{  
  "type": "object",  
  "properties": {  
    "name": {  
      "type": "string"  
    }  
  }  
}
```

[Use sample payload to generate schema](#)

Add new parameter



Choose an operation

Azure function

For You **All** Built-in Standard Enterprise Custom

Azure Functions

Triggers **Actions**




Choose an Azure function
Azure Functions

HttpFunctionMJB


Request Body

name x


Add new parameter

 **Response**  

* Status Code

Headers 

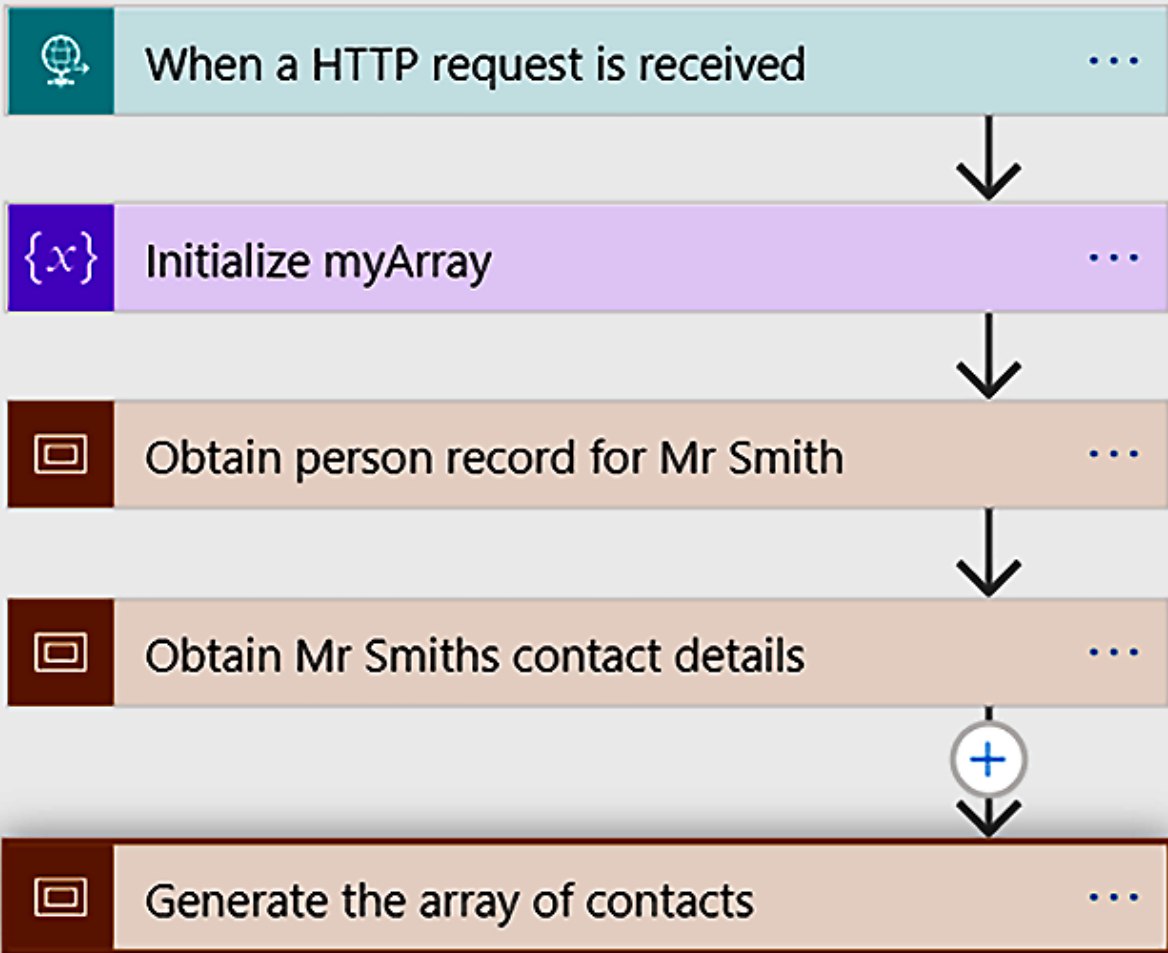
Body




Hello, Matthew. This HTTP triggered function executed successfully.


Chapter 8: Scoping with Try/Catch Error Handling






 When a HTTP request is received ...



 Initialize myArray ...




 Obtain person record for Mr Smith ...

 Get Person record for Mr Smith ...

 Add an action



 Obtain Mr Smiths contact details ...

 List records ...

 Add an action



Generate the array of contacts



For each



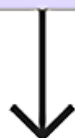
* Select an output from previous steps



value x



contacts found



Append to array variable



Add an action



Add an action



When a HTTP request is received



HTTP POST URL



Request Body JSON Schema

[Use sample payload to generate schema](#)





Variables



Search connectors and actions

Triggers

Actions



Append to array variable
Variables



Append to string variable
Variables



Decrement variable
Variables



Increment variable
Variables



Initialize variable
Variables



{x} Initialize myArray ...

* Name







* Type ∨

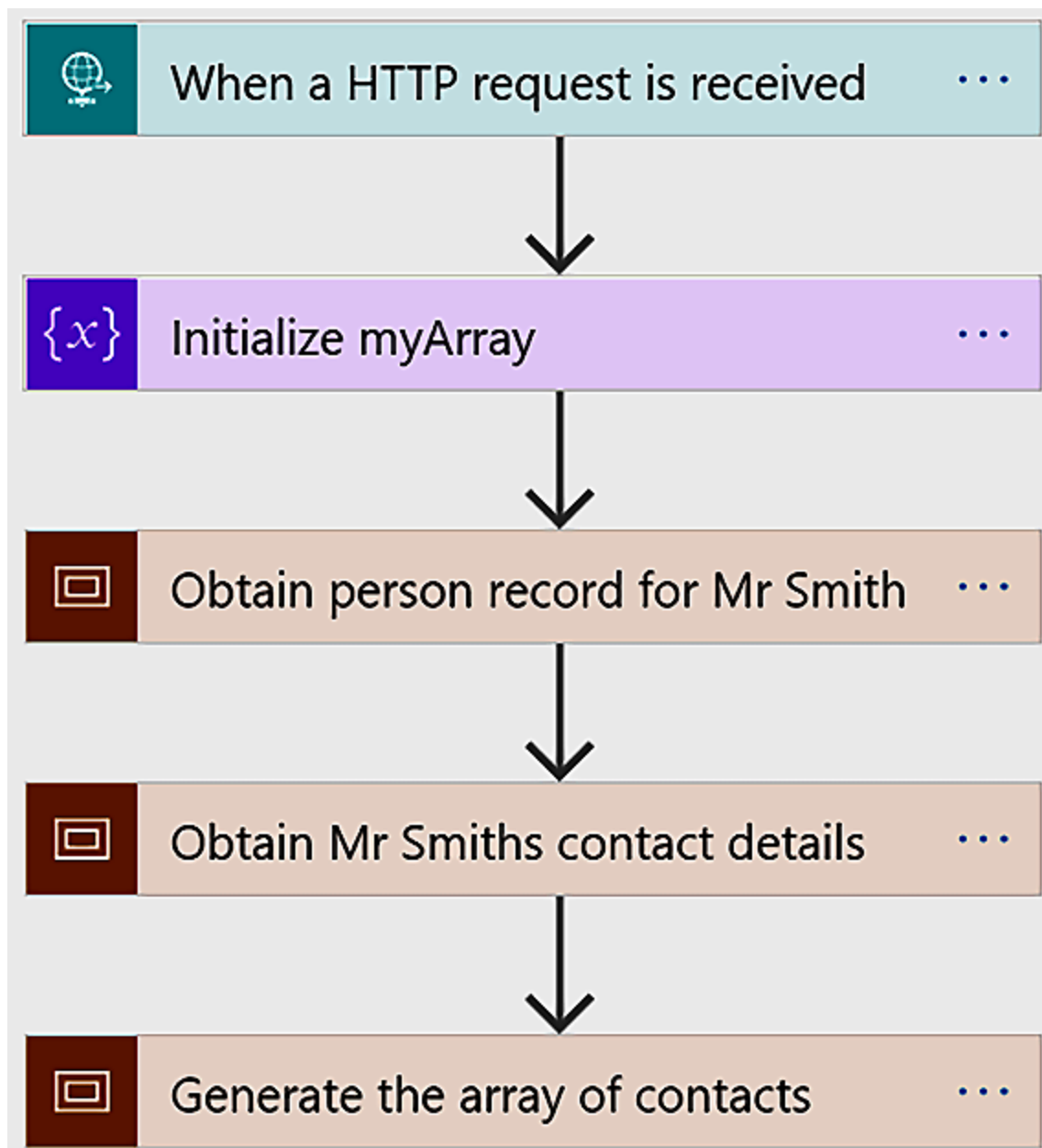
Value

Control

← Search connectors and actions

Triggers Actions

-  **Condition**
Control (i)
-  **For each**
Control (i)
-  **Scope**
Control (i)
-  **Switch**
Control (i)
-  **Terminate**
Control (i)
-  **Until**
Control (i)



Obtain person record for Mr Smith

Get Person record for Mr Smith

* Environment Test

* Entity Name Contacts

* Item identifier

Connected to [Change connection.](#)

Obtain Mr Smiths contact details

List records

* Environment Test

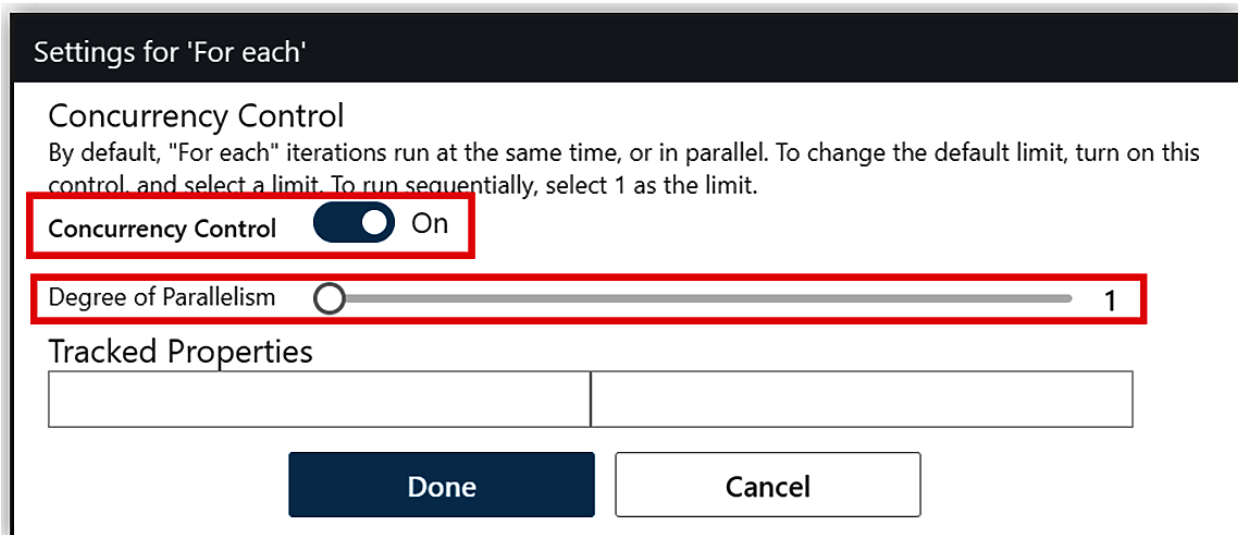
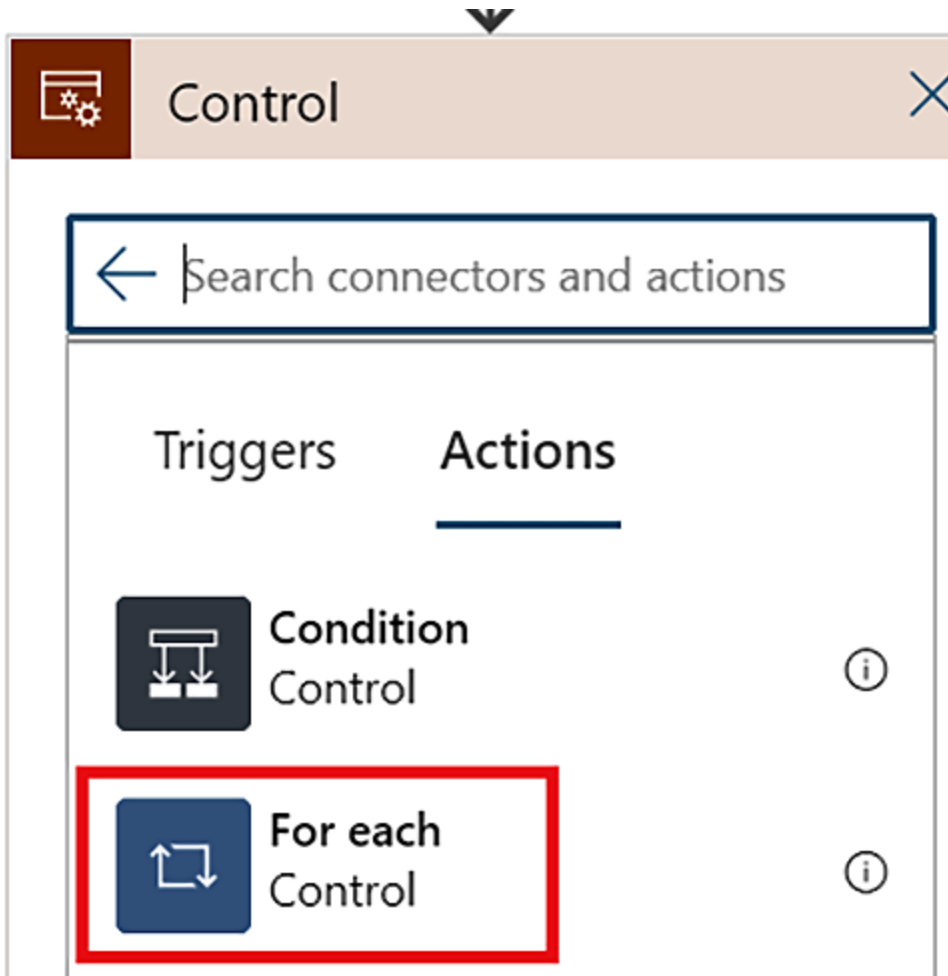
* Entity Name Contact Types

Filter Query contactid eq [Contact](#)

Add new parameter

Connected to [Change connection.](#)

[Add an action](#)





Generate the array of contacts



For each



* Select an output from previous steps



value x



contacts found



Append to array variable



* Name

myArray



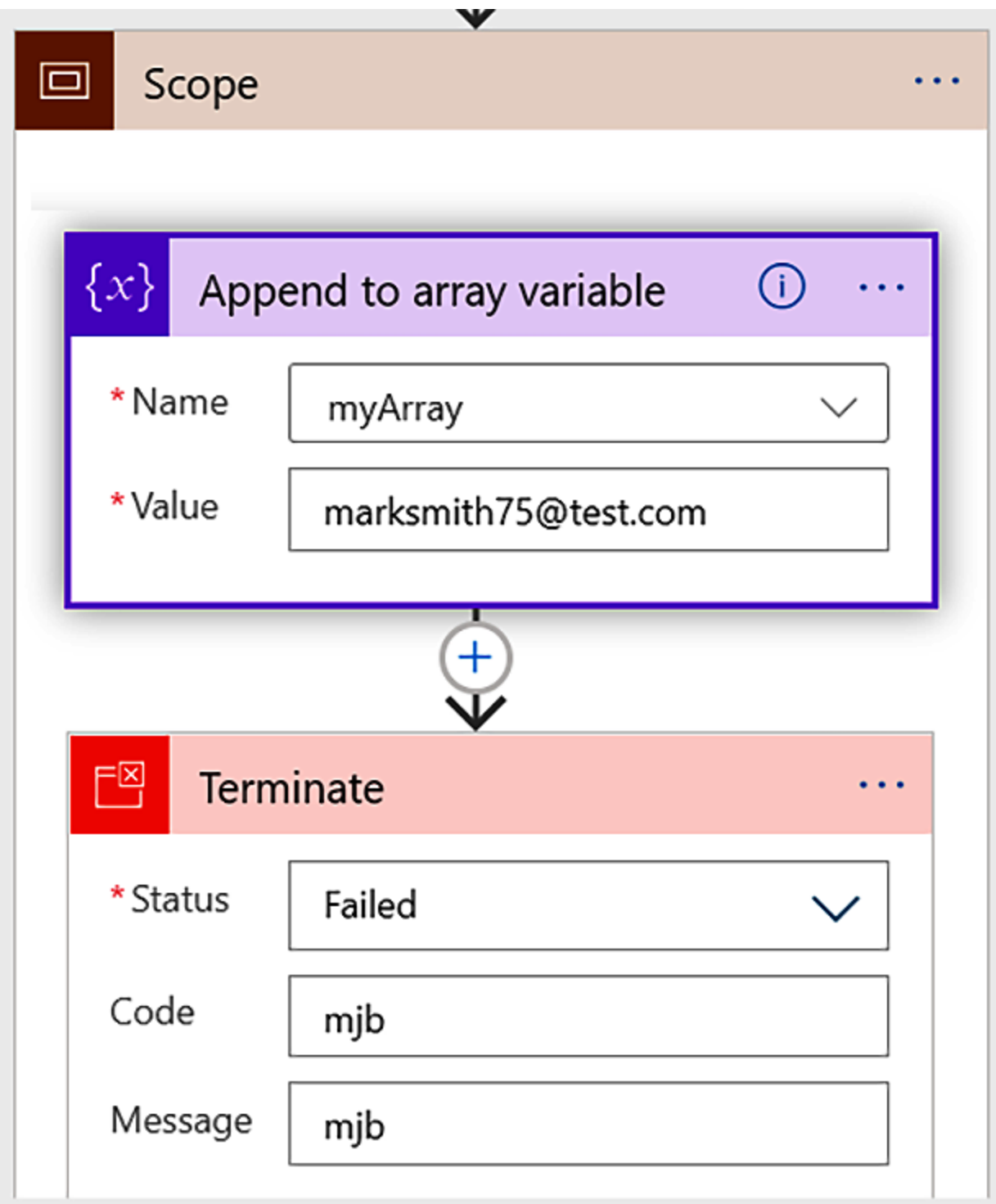
* Value




Contact Details x



Add an action





 Condition ...


Or ▼

- fx* result(...) x is equal to ▼ Failed ...
- fx* result(...) x is equal to ▼ Aborted ...

+ Add ▼

 True

 Failed or aborted ...

 Add an action



False

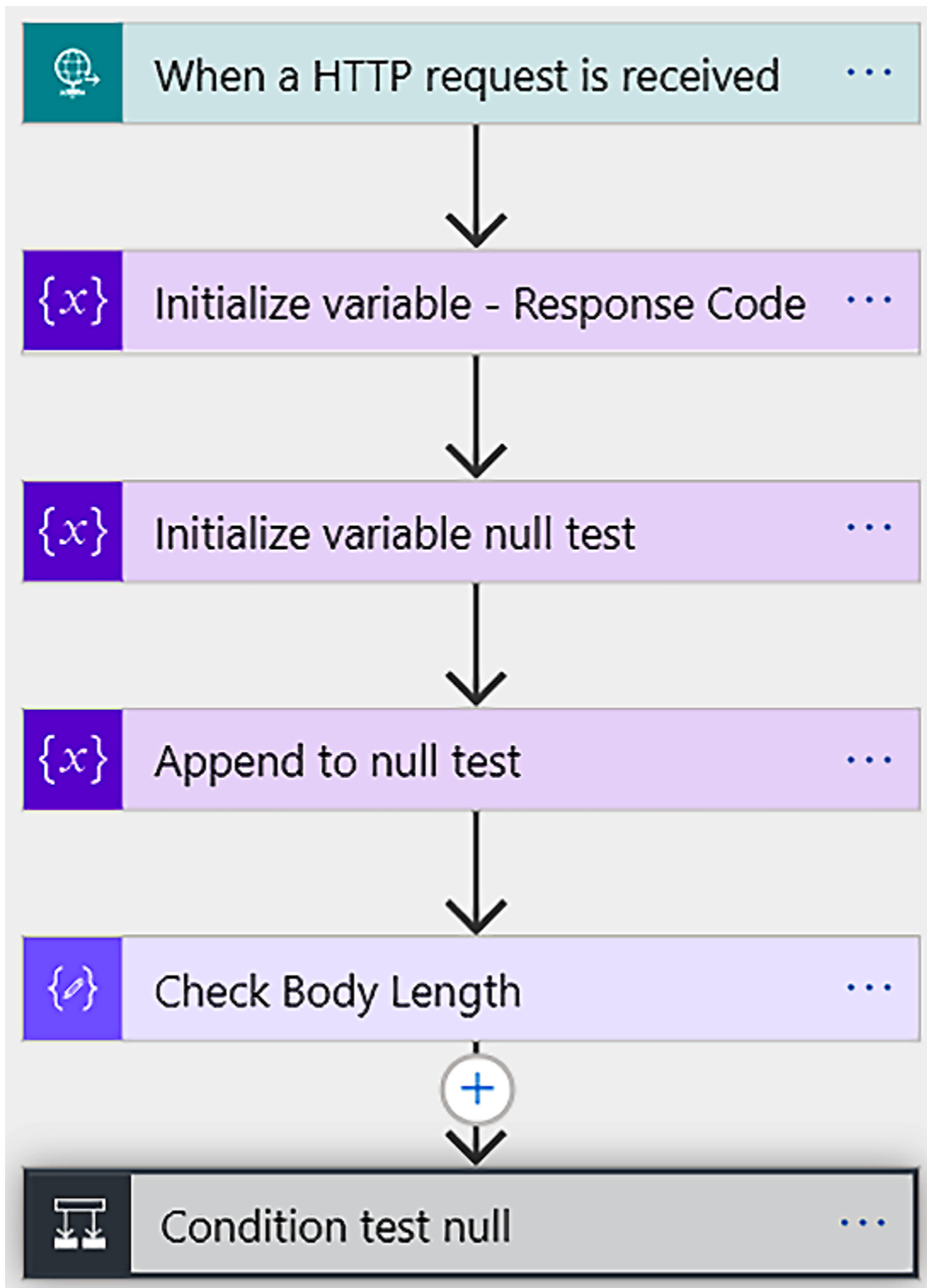


Succeeded



Add an action

Chapter 9: Sharing Data with Other Logic Apps and APIs



☰ Send to Logic App Orchestrating action ⋮

Body 🌐 Body ×

* Trigger name trigger

* Workflow /subscriptions/<SubscriptionId>/resourceGroups/Research/providers/Microsoft.Logic/workflows/<LogicAppNameforActionGoesHere>

Add new parameter ∨

ID	Action	URL
1	Create Contact	https://xxxxx
2	Update Contact	https://yyyyy

SQL Get rows (V2) ...

{x} Set variable Audit LA URL ...

HTTP ...

* Method POST

* URI {x} AuditLAURL x

Headers content-type application/json
Enter key Enter value

Queries Enter key Enter value

Body Body x

Cookie Enter HTTP cookie

Add new parameter



When a HTTP request is received



HTTP POST URL

https://prod-10.ukwest.logic.azure.com:443/workflows/e53b052aa23a49...



Request Body JSON Schema

```
{
  "Date": "25/2/21",
  "Time": "09:15:00",
  "Source": "LegacySystem",
  "ContactID": "12345",
  "Action": "Contact Details added"
}
```

Use sample payload to generate schema

Method

POST



Add new parameter



Contact Output ⓘ ...

*Inputs

`{x}` ResponseCode ×



Condition test null ...



Response ...

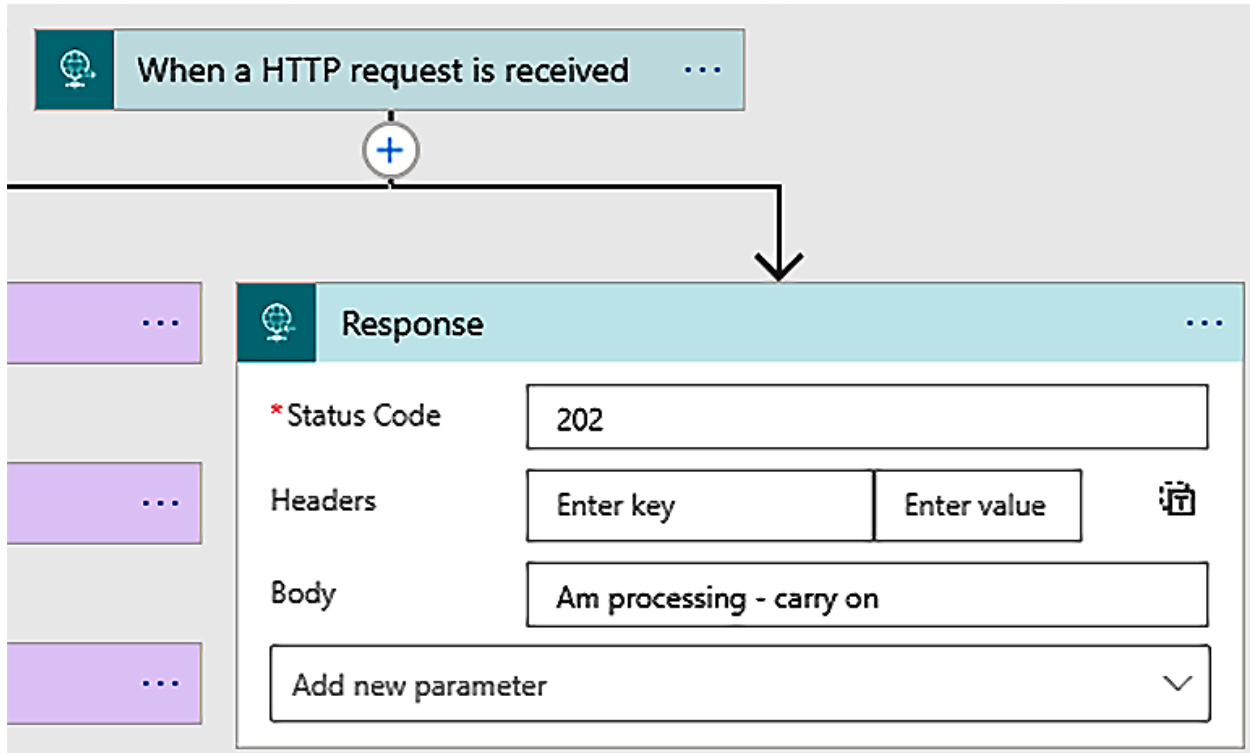
*Status Code: 200

Headers: Enter key | Enter value | 🗑️

Body: `Outputs` ×

`outputs('Contact_Output')`

Add new parameter ▾



Settings for 'Update a record'

Secure Inputs
Secure inputs of the operation.
Secure Inputs Off

Secure Outputs
Secure outputs of the operation and references of output properties.
Secure Outputs Off

Asynchronous Pattern
With the asynchronous pattern, if the remote server indicates that the request is accepted for processing with a 202 (Accepted) response, the Logic Apps engine will keep polling the URL specified in the response's location header until reaching a terminal state.
Asynchronous Pattern On

Automatic decompression
Automatically decompress gzip response.
Automatic decompression On

Timeout
Limit the maximum duration an asynchronous pattern may take. Note: this does not alter the request timeout of a single request.
Duration ⓘ Example: P1D

Retry Policy
A retry policy applies to intermittent failures, characterized as HTTP status codes 408, 429, and 5xx, in addition to any connectivity exceptions. The default is an exponential interval policy set to retry 4 times.
Type Default

Tracked Properties

Done Cancel

Timeout

Limit the maximum duration an asynchronous pattern may take. Note: this does not alter the request timeout of a single request.

Duration ⓘ


Example: P1D

Retry Policy

A retry policy applies to intermittent failures, characterized as HTTP status codes 408, 429, and 5xx, in addition to any connectivity exceptions. The default is an exponential interval policy set to retry 4 times.

Type

None



When a Tenancy record is updated ⋮

* Environment

Development ∨

* Table Name

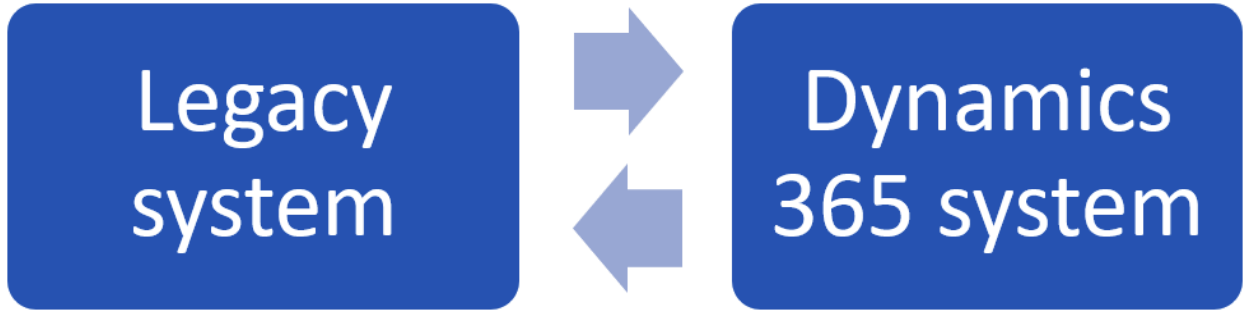
Tenancies ∨

* Scope

Organization ∨

Column Filters Item - 1 ✕

statuscode ∨



Trigger Conditions

Specify one or more expressions which must be true for the trigger to fire.

@not(equals(triggerBody()?['tenancyno'],NULL))	✗
@not(contains('36893684-2548-ea11-a816-000d3a86bcc1,517dca6e-a21e-eb11-a...'))	✗
@not(contains('e0a39ed4-ea0e-eb11-a812-000d3a86bcc1,a44c99da-ea0e-eb11-a...'))	✗
@not(contains('36893684-2548-ea11-a816-000d3a86bcc1,517dca6e-a21e-eb11-a...'))	✗
@not(contains('e0a39ed4-ea0e-eb11-a812-000d3a86bcc1,a44c99da-ea0e-eb11-a...'))	✗

Home > Resource groups > MatthewTestRG >

ShellGenerator Logic app

Search (Ctrl+/) << Run Trigger Refresh Edit Delete Disable Update Schema Clone Open in mobile

Introducing the new portable Logic Apps runtime that supports local development and debugging. Click to learn more. →

MatthewTestRG 1 trigger, 5 actions

Location: UK West Status: Enabled

Subscription (change): Visual Studio Enterprise Subscription Runs last 24 hours: 0 successful, 0 failed






Subscription ID: 87522863-2758-4688-4258-7236407561 Integration Account: ---


Get started Runs history **Trigger history** Metrics

Start time earlier than Pick a date

Recurrence

Status	Start time	Fired
✓ Succeeded	5/25/2021, 12:48 PM	Fired
✓ Succeeded	5/25/2021, 12:48 PM	Fired
✓ Succeeded	5/25/2021, 12:48 PM	Fired


 Run Trigger  Refresh  Edit  Delete  Disable  Update Schema  Clone  Open in mobile

 Overview

 Activity log


 Access control (IAM)

 Tags

 Diagnose and solve problems


Development Tools

 Logic app designer

 Logic app code view

 Versions

 API connections


 Quick start guides

Settings

 Workflow settings

 Authorization



 Introducing the new portable Logic Apps runtime that supports local development and debugging. Click to learn more. →

Essentials

Resource group (change) : MatthewTestRG





Location : UK West

Subscription (change) : Visual Studio Enterprise Subscription

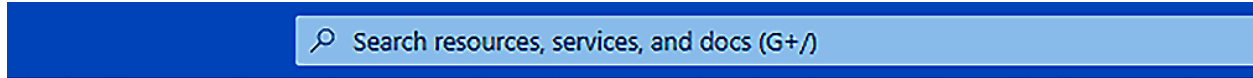
Subscription ID : [REDACTED]

Get started Runs history Trigger history Metrics

All

Status	Start time	Identifier	Duration
 Cancelled	6/28/2021, 4:17 PM	08585767134481820812570679508CU27	81 Milliseconds
 Failed	6/28/2021, 4:17 PM	08585767134493278793751135211CU14	94 Milliseconds
 Cancelled	6/28/2021, 4:17 PM	08585767134506198263035358058CU15	82 Milliseconds
 Succeeded	6/28/2021, 4:17 PM	08585767134517726970707367247CU21	126 Milliseconds

Chapter 10: Monitoring Logic Apps for Management Reporting



Azure services



Recent resources

Microsoft Azure

Search resources, services, and docs (G+)

Home > Resource groups >

MatthewTestRG
Resource group

Search (Ctrl+)

Essentials

Subscription (change) : Visual Studio Enterprise Subscription

Subscription ID : 87f3d86d-0759-468b-930a-f28a4d7f81c1

Tags (change) : Click here to add tags

Filter for any field... Type == all Location == all Add filter

Showing 1 to 14 of 14 records. Show hidden types

<input type="checkbox"/>	Name ↑↓
<input type="checkbox"/>	AddContact
<input type="checkbox"/>	commondataservice
<input type="checkbox"/>	ConnectToCapitaHousing
<input type="checkbox"/>	Create_Update_Person
<input type="checkbox"/>	dynamicscrmonline
<input type="checkbox"/>	GetCapitaPerson
<input type="checkbox"/>	MJBTest2

Home >



MatthewTestRG

Resource group



Search (Ctrl+)



+ Add



Edit columns



Delete resource group

Home > MatthewTestRG > Create a resource >

Marketplace

Private Marketplace

Favorites

Recently created

Service Providers

Categories

Get Started

AI + Machine Learning

Analytics

Blockchain

log analytics

Showing results for 'log analytics'.

Showing 1 to 20 of 120 results.



Log Analytics Workspace

Microsoft

Azure Service

Collect, search and visualize machine data from on-premises and cloud



FortiAnalyzer Centralized Log Analytics

Fortinet

Azure Application

Fortinet FortiAnalyzer delivers centralized network logging,

log analytics

Showing results for 'log analyti

Showing 1 to 20 of 120 results.




Log Analytics Workspace

Microsoft

Azure Service

Collect, search and visualize machine data from on-premises and cloud

Create 



i A Log Analytics workspace is the basic management unit of Azure Monitor Logs. There are specific considerations you should take when creating a new Log Analytics workspace. [Learn more](#) ×

With Azure Monitor Logs you can easily store, retain, and query data collected from your monitored resources in Azure and other environments for valuable insights. A Log Analytics workspace is the logical storage unit where your log data is collected and stored.

Project details

Select the subscription to manage deployed resources and costs. Use resource groups like folders to organize and manage all your resources.

Subscription * ⓘ

Visual Studio Enterprise Subscription ▼

Resource group * ⓘ

MatthewTestRG ▼

Instance details

Name * ⓘ

MatthewRGLAW ✓

Region * ⓘ

UK West ▼

[Review + Create](#)

[« Previous](#)

[Next : Pricing tier >](#)

✓ Validation passed

Basics

Pricing tier

Tags

Review + Create



Log Analytics workspace

by Microsoft

Basics

Subscription

Visual Studio Enterprise Subscription

Resource group

MatthewTestRG

Name

MatthewRGLAW

Region

UK West

Pricing

Pricing tier

Pay-as-you-go (Per GB 2018)

Tags

(none)

Create

« Previous

[Download a template for automation](#)

Home >



Microsoft.LogAnalyticsOMS | Overview

Deployment

Search (Ctrl+/) <<

Delete Cancel Redeploy Refresh

Overview

Inputs

Outputs

Template

We'd love your feedback! →

Your deployment is complete




Deployment name: Microsoft.LogAnalyticsOMS
Subscription: [Visual Studio Enterprise Subscription](#)
Resource group: [MatthewTestRG](#)

Deployment details ([Download](#))

Next steps

[Go to resource](#)

 Delete

^ Essentials

Resource group (change) : [matthewtestrg](#)

Status : Active

Location : UK West

Subscription (change) : [Visual Studio Enterprise Subscription](#)

Subscription ID : [8773286d-2756-4686-a356-712644d796c1](#)

Tags (change) : [Click here to add tags](#)

Get started with Log Analytics

Log Analytics collects data from a variety of sources and uses a powerful query language to give you insights into the operation of your applications and resources. Use Azure Monitor to access the complete set of tools for monitoring all of your Azure resources.

1 Connect a data source

Select one or more data sources to connect to the workspace

[Azure virtual machines \(VMs\)](#)

[Windows and Linux Agents management](#)

[Azure Activity logs](#)

[Storage account log](#)

[System Center Operations Manager](#)

2 Configure monitoring solutions

Add monitoring solutions that provide insights for applications and services in your environment

[View solutions](#)

3 Monitor workspace health

Create alerts to proactively detect any issue that arise in your workspace

[Learn more](#)

1 Connect a data source

Select one or more data sources to connect to the workspace

Azure virtual machines (VMs)

Windows and Linux Agents management

Azure Activity logs

Storage account log

System Center Operations Manager

Subscription

Visual Studio Enterprise Subscription

Filter...

Subscription

Visual Studio Enterprise Subscription

Log Analytics Connection

2 selected

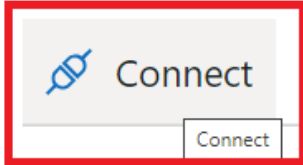
Log Analytics Connection

Not connected

[Home](#) > [Azure Activity log](#) >

Visual Studio Enterprise Subscription

Azure Activity log



Disconnect



Refresh

Status

Not connected

Subscription Name

Visual Studio Enterprise Subscription

Subscription ID

XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX

Message

Activity log is disconnected






[Blurred text]



Successfully connected subscription to Act... 3:23 PM



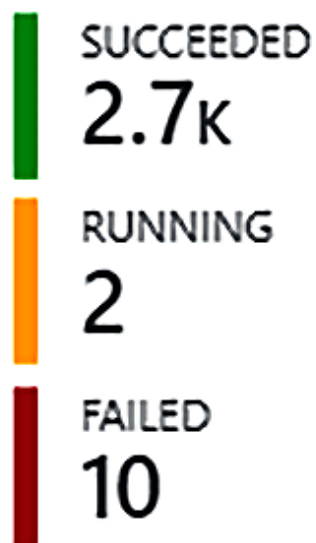
Successfully connected Activity log to subscription 'Visual Studio Enterprise Subscription'.

 Refresh  Add  Logs

Last 24 hours

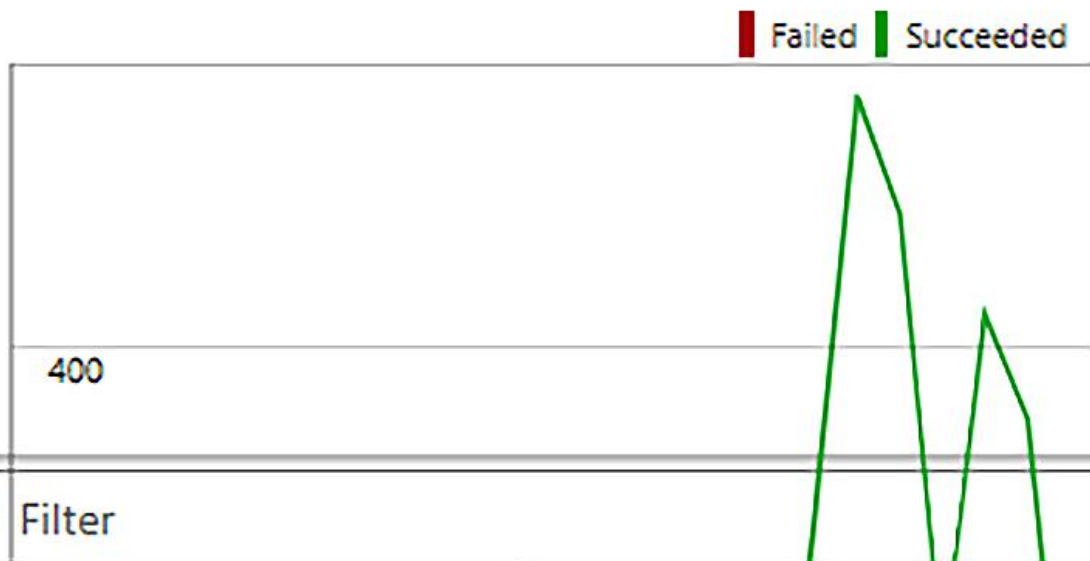
Filter by name...

Logic Apps Management (Preview) 



LOGIC APP RUNS BY STATUS

Success and Failure Trends



Filter

Status	Logic Apps	Actions
Succeeded	2,710	99,164
Failed	10	60
Running	1	6,673
All	2,721	105,897

6:00 PM

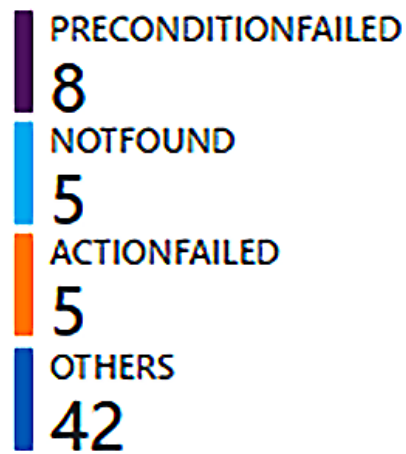
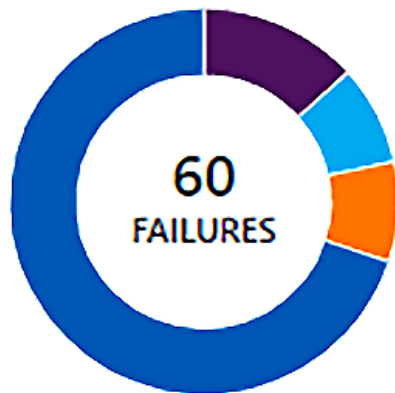
12:00 AM

6:00 AM

12:00 PM

ACTIONS AND TRIGGERS BY ERROR CODE

Actions/Triggers Failures



 Filter

Action/Trigger	Status	Count
Update_a_record	PreconditionFailed	8



Home >

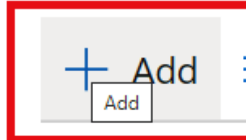


MatthewTestRG

Resource group



Search (Ctrl+[/](#))



Edit columns



Overview



Activity log

Essentials

Subscription ([change](#))

Visual Studio Enterprise Sub

Create a resource >



Sumo Logic for Azure Audit

Sumo Logic

Azure Application

Analyze and correlate Azure Audit Logs and Azure Active Directory Information

Price varies

Create



Logic App (Consumption)

Microsoft

Azure Service

Automate the access and use of data across clouds without writing code

Create



Logic App (Standard)

Microsoft

Azure Service

Logic App allows you to connect your business-critical apps and services with Azure Logic Apps,

Create



> [Create a resource](#) > [Marketplace](#) >

Create a logic app ...

Subscription *

Visual Studio Enterprise Subscription

Resource group *

MatthewTestRG

Instance details

Logic app name *

ShellGenerator ✓

Region *

UK West

Associate with integration service environment ⓘ

Integration service environment

Enable log analytics ⓘ

Log Analytics workspace *

MatthewRGLAW

Create a logic app ...

Basics Tags Review + create

Basics

Subscription

Visual Studio Enterprise Subscription

Resource group

MatthewTestRG

Logic app name

ShellGenerator

Location

UK West


Tags

Create

< Previous : Tags

Next : Review + create >

 Deployment succeeded

10:34 AM 

Deployment '[Microsoft.EmptyWorkflow](#)' to resource group '[MatthewTestRG](#)' was successful.

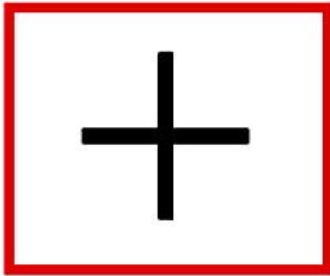
[Go to resource](#)

 [Pin to dashboard](#)

Templates

Choose a template below to create your Logic App.

Blank Logic App



**Azure Monitor -
Metrics Alert
Handler**

For You

All

Built-in

Standard



Schedule



Office 365
Outlook



Outlook.com

Recurrence

* Interval:

* Frequency:

{x} Initialize variable stages

* Name:

* Type:

Value:


[Add dynamic content](#)

Dynamic content | **Expression**

fx rand(1,4)


[Update](#)


[+ New step](#)


 Control

← switch

Triggers Actions

 Switch Control

 Switch

* On  stages x

... 3

* Equals

3

1



*Equals

1



Passed



*Inputs

Passed



Add an action

2



* Equals

2



Cancelled



* Status

Cancelled



Add an action

Run Trigger Refresh Edit Delete **Enable**

i Introducing the new portable Logic Apps runtime that supports local

Subscription (change) : Visual Studio Enterprise Subscription









Subscription ID : [REDACTED]

Get started Runs history Trigger history Metrics

All




Start time earlier

Specify the run identifier to open monitor view directly

Status	Start time
 Succeeded	5/25/2021, 12:40 PM
 Succeeded	5/25/2021, 12:40 PM
 Cancelled	5/25/2021, 12:40 PM
 Failed	5/25/2021, 12:40 PM
 Cancelled	5/25/2021, 12:40 PM
 Failed	5/25/2021, 12:40 PM
 Failed	5/25/2021, 12:40 PM
 Succeeded	5/25/2021, 12:40 PM
 Failed	5/25/2021, 12:40 PM


Overview ...

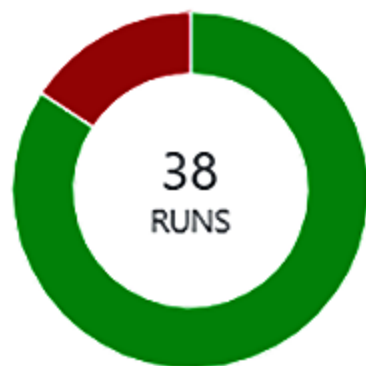
matthewrglaw

 Refresh  Add  Logs

Last 24 hours

Filter by name...

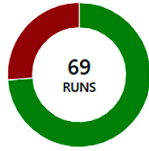
Logic Apps Management (Preview) 



Last 24 hours

LOGIC APP

Logic App runs



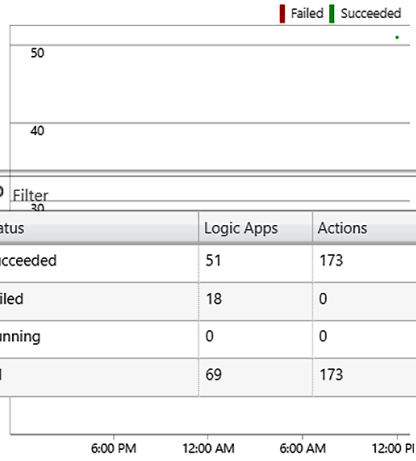
SUCCEEDED
51
RUNNING
0
FAILED
18

Filter

Logic App	Succeeded	Running	Failed
ShellGenerator	51	0	18

LOGIC APP RUNS BY STATUS

Success and Failure Trends



Filter

Status	Logic Apps	Actions
Succeeded	51	173
Failed	18	0
Running	0	0
All	69	173

ACTIONS AND TRIGGERS BY ERROR CODE

Actions/Triggers Failures





Filter

Action/Trigger	Status	Count
----------------	--------	-------












Runs ...

matthewrglaw

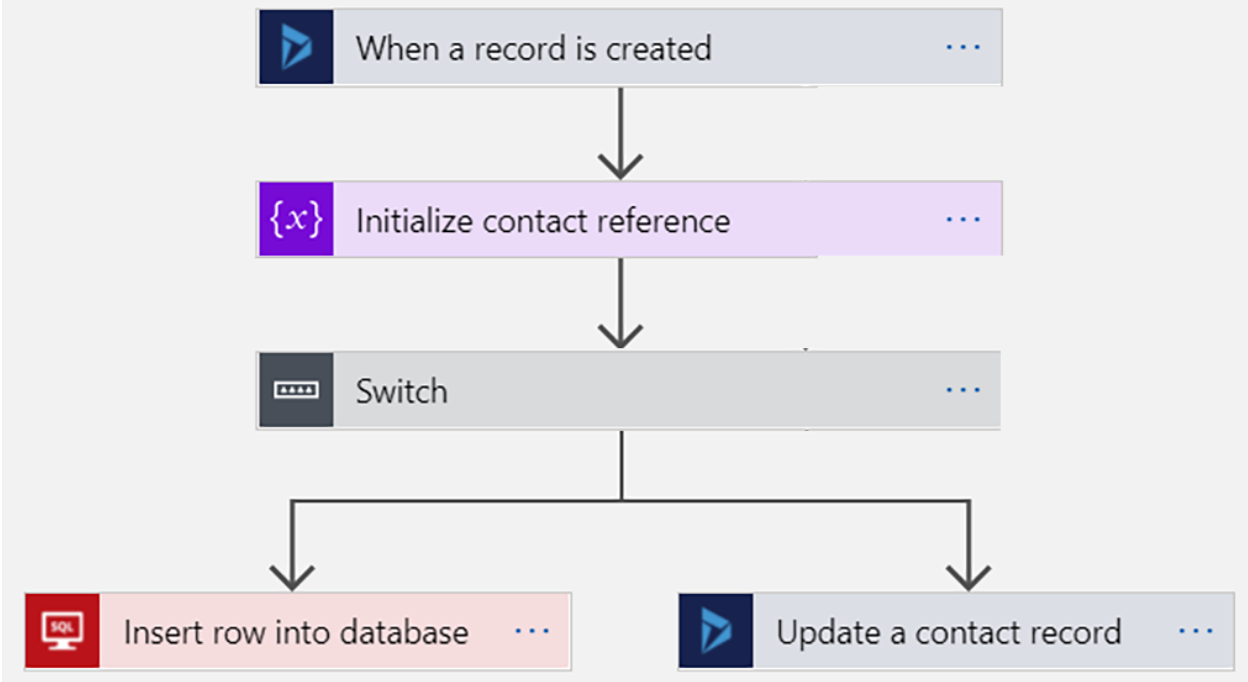
 Refresh  Logs

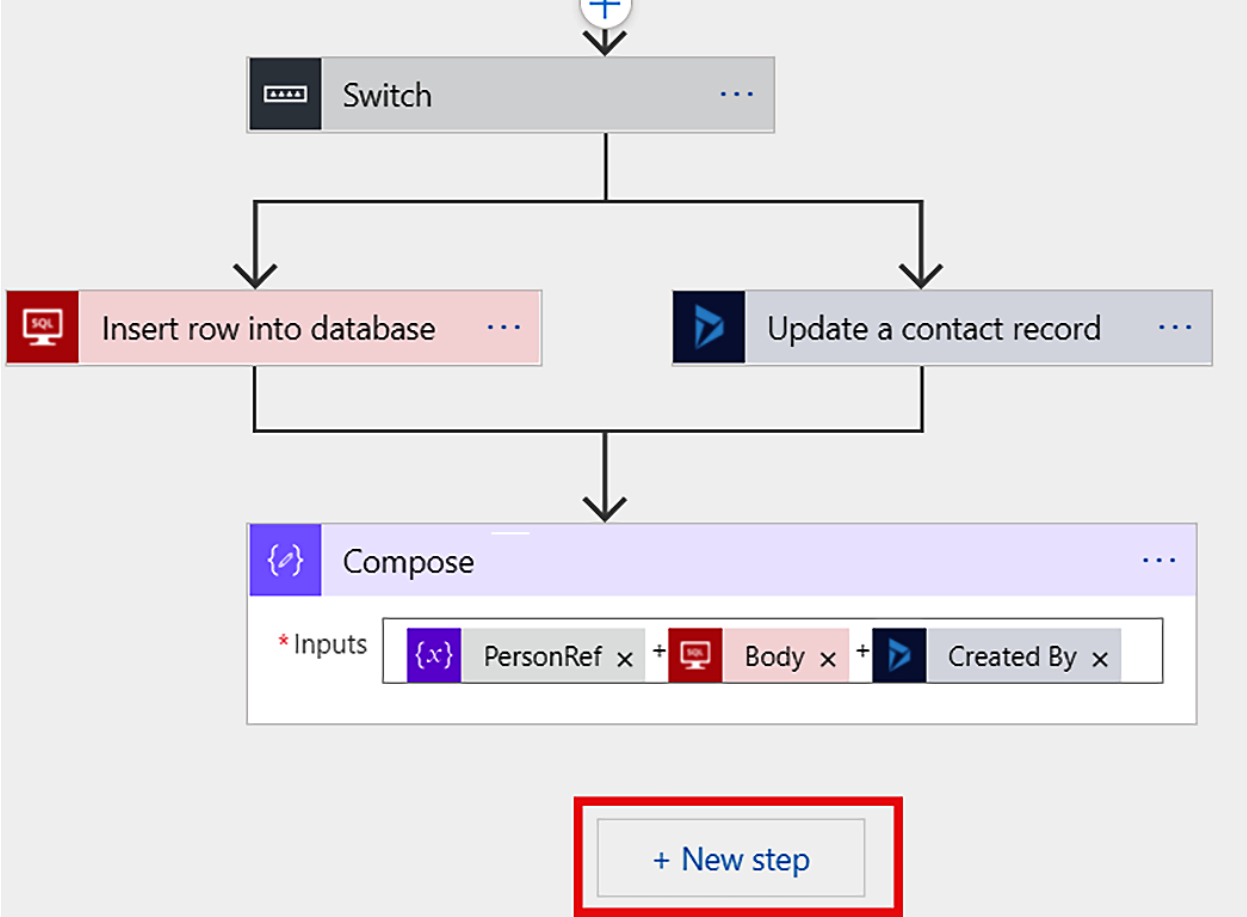
Last 24 hours

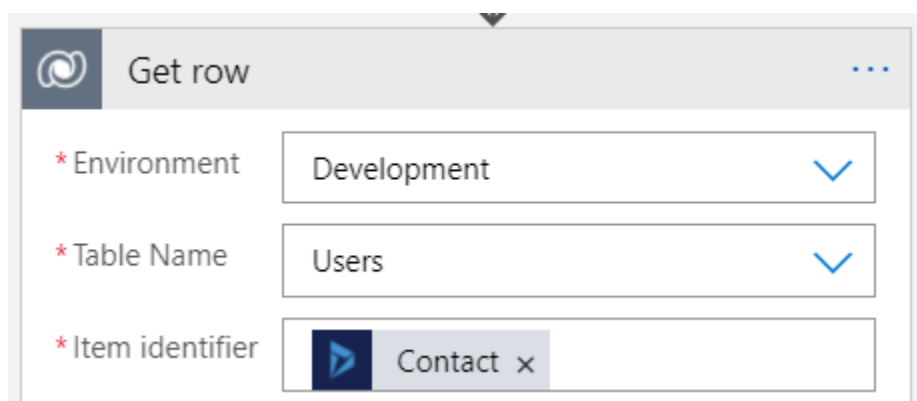
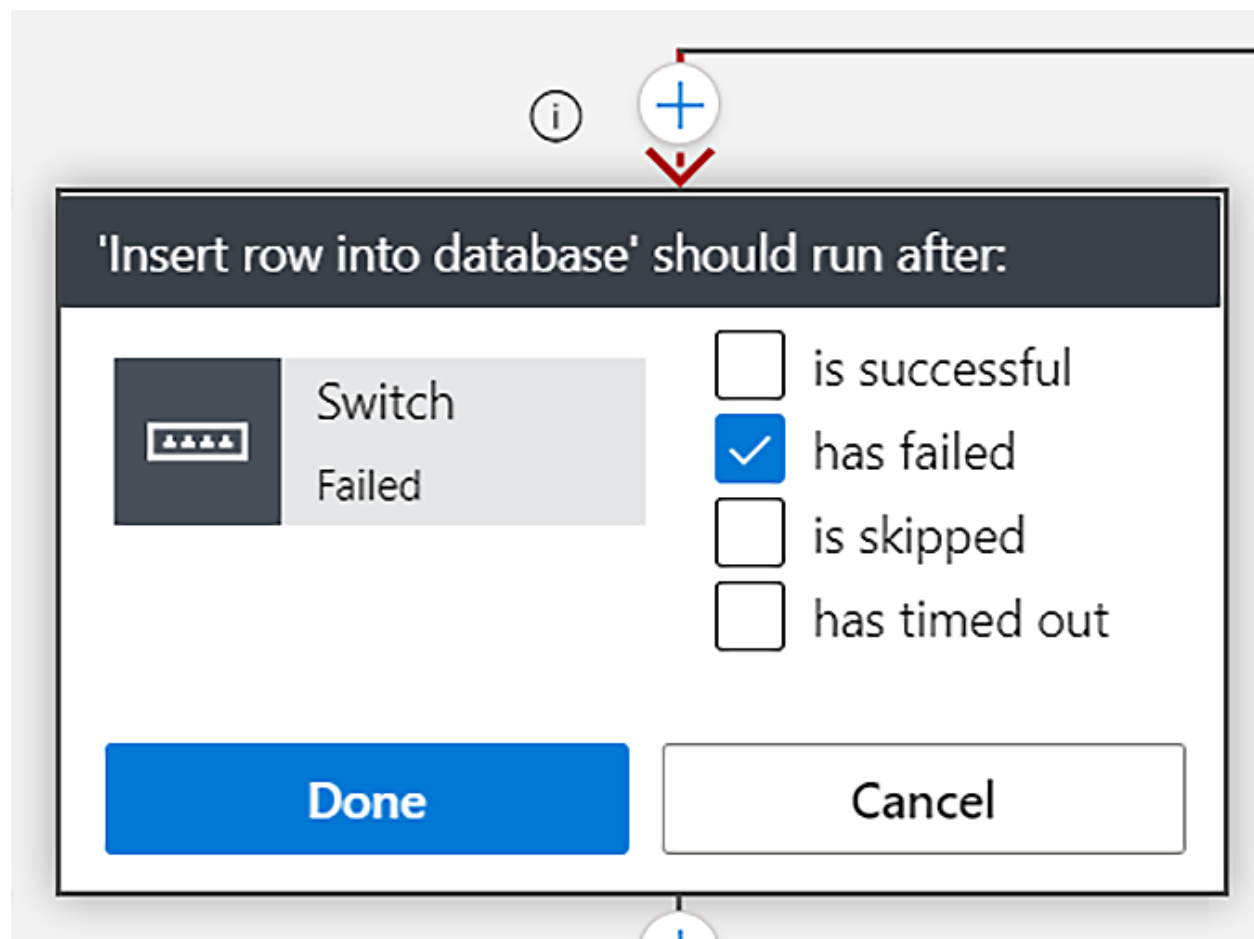
LOGIC APP RUNS

	Logic App Name 	Status 	Duration (s... 	Resource Group
<input checked="" type="checkbox"/>	ShellGenerator	 Failed	0.141	MatthewTestRG
<input checked="" type="checkbox"/>	ShellGenerator	 Failed	0.131	MatthewTestRG
<input checked="" type="checkbox"/>	ShellGenerator	 Failed	0.12	MatthewTestRG
<input checked="" type="checkbox"/>	ShellGenerator	 Failed	0.211	MatthewTestRG
<input checked="" type="checkbox"/>	ShellGenerator	 Failed	0.12	MatthewTestRG
<input type="checkbox"/>	ShellGenerator	 Failed	0.127	MatthewTestRG
<input type="checkbox"/>	ShellGenerator	 Failed	0.12	MatthewTestRG
<input type="checkbox"/>	ShellGenerator	 Failed	0.116	MatthewTestRG

Chapter 11: Fine-Tuning Logic App Runs with Run After








 List rows ...


* Environment v


* Table Name v

Filter Query x


v


 List rows Contacts ...



 For each ...

* Select an output from previous steps

 List rows Contact Types ...

 Add an action



List records



* Environment

UAT




* Entity Name

Persons



Filter Query

um eq '  OHPersonReference x ' and
systemname eq {x} OriginNumber x



Expand Query

tenancy_lookup(\$select=tenancyno)



Add new parameter



Chapter 12: Solving Connection Issues and Bad Gateways by Rerunning Logic Apps

The screenshot shows the Microsoft Azure portal interface. At the top, there is a blue header with the Microsoft Azure logo and a search bar containing the text "Search resources, services, and docs (G+/)". Below the header, the breadcrumb navigation shows "Home > Resource groups >". The main content area displays the "MatthewTestRG" resource group, which is a "Resource group". A search bar with the text "Search (Ctrl+)" is visible. A red box highlights the "+ Create" button. To the right of the "Create" button are "Edit columns" and a trash icon. Below the "Create" button, there is a section titled "Essentials" with a chevron icon. Under "Essentials", there is a "Subscription (change)" link and the text "Visual Studio Enterprise Subscription". On the left side, there is a navigation pane with "Overview" and "Activity log" options.



Home > Resource groups > MatthewTestRG > Create a resource >

SQL Database ...

Microsoft



SQL Database [Add to Favorites](#)

Microsoft

★★★★☆ 4.3 (2223 ratings)

[Create](#)

Overview


Plans

Usage Information + Support

Reviews

se.newDatabaseNewServer_3d509795b27


 Delete  Cancel  Redeploy  Refresh

 We'd love your feedback! →

Deployment is in progress



Deployment name: Microsoft.SQLDatabase.newDatabaseNewServe...
Subscription: Visual Studio Enterprise Subscription
Resource group: MatthewTestRG

Start time: 6/20/2021, 1:23:47 PM
Correlation ID: 

Deployment details [\(Download\)](#)

Deployment in progress...

1:23 PM

Deployment to resource group 'MatthewTestRG' is in progress.

MyTestDatabase (sqltestmjb/MyTestDatabase)

SQL database

Search (Ctrl+/) Copy Restore Export Set server firewall Delete Connect with... Feedback

- Overview
- Activity log
- Tags
- Diagnose and solve problems
- Quick start
- Query editor (preview)
- Power Platform**
- Power BI (preview)
- Power Apps (preview)

Essentials

Resource group (change)	Server name
MatthewTestRG	sqltestmjb.database.windows.net
Status	Elastic pool
Online	No elastic pool
Location	Connection strings
UK South	Show database connection strings
Subscription (change)	Pricing tier
Visual Studio Enterprise Subscription	Basic
Subscription ID	Earliest restore point
XXXXXXXX-XXXX-XXXX-XXXX-XXXXXXXXXXXX	No restore point available
Tags (change)	
Click here to add tags	

Login + New Query Open query Feedback

MyTestDatabase (matthew)

Showing limited object explorer here. For full capability please open SSDT.

- Tables
- Views
- Stored Procedures

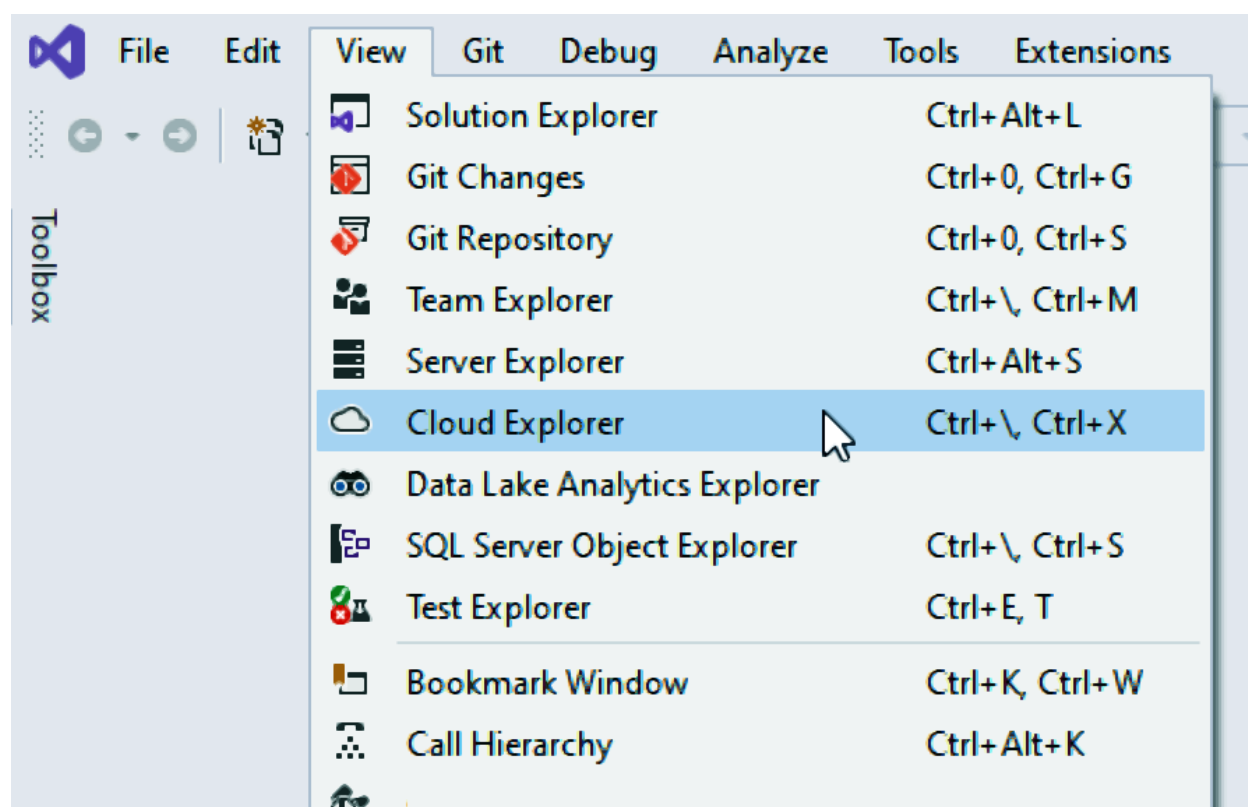
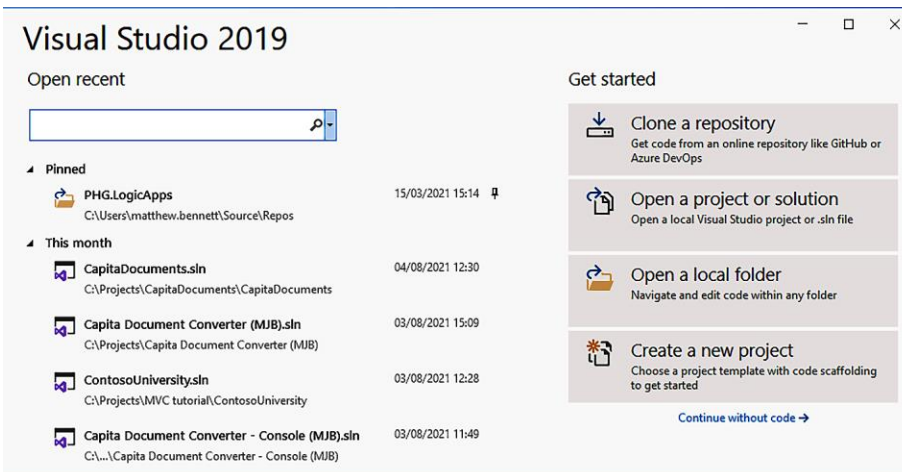
Query 1

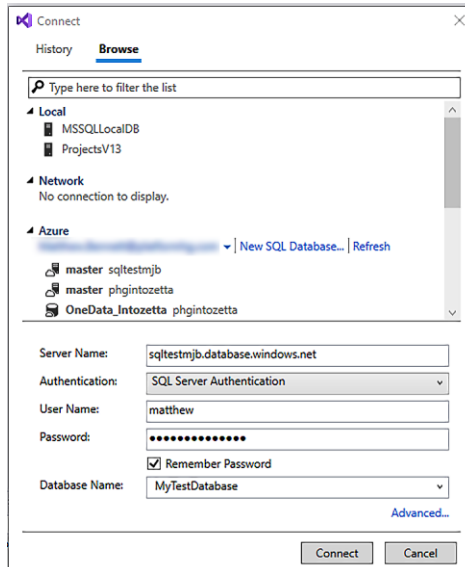
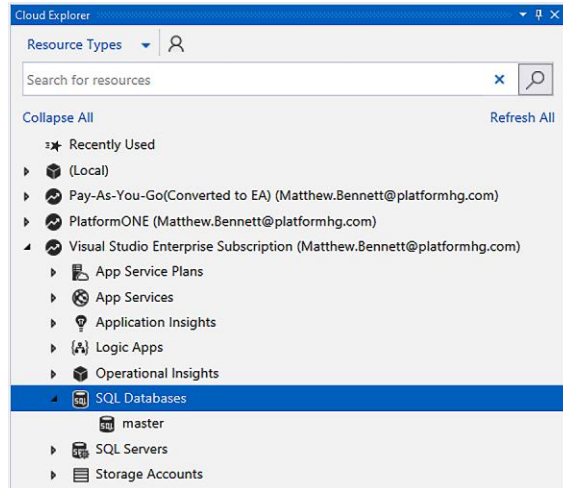
Run Cancel query Save query Export data as

```
1
```

Results Messages

Search to filter items...





100% No issues found

Update Script File: dbo.Table.sql*

Name	Data Type	Allow Nulls	Default
Id	int	<input type="checkbox"/>	
Firstname	nchar(20)	<input checked="" type="checkbox"/>	
Lastname	nchar(20)	<input type="checkbox"/>	
Customertype	nchar(20)	<input type="checkbox"/>	

Keys (1)
<unnamed> (Primary Key, Clustered: Id)
Check Constraints (0)
Indexes (0)
Foreign Keys (0)
Triggers (0)

Preview Database Updates

Highlights
None

User actions
Create
[dbo].[Table] (Table)

Supporting actions
None

Include transactional scripts

Generate Script Update Database Cancel

Design T-SQL

```
1 CREATE TABLE [dbo].[Table]
2 (
3     [Id] INT NOT NULL PRIMARY KEY,
4     [Firstname] NCHAR(20) NULL,
5     [Lastname] NCHAR(20) NOT NULL,
6     [Customertype] NCHAR(20) NOT NULL
7 )
8
```


Search (Ctrl+ /)

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

Settings

Locks

General

Properties

Edit API connection

Monitoring

Alerts

Automation

Tasks (preview)

Export template

Support + troubleshooting

New support request



Edit API connection

Edit API connection lets you update the display name and refresh the authorization for this SaaS

API

SQL Server

Authentication Type

SQL Server Authentication

Display Name

MatthewTestConnection

SQL server name * ⓘ

sqltestmjb.database.windows.net

SQL database name * ⓘ

MyTestDatabase

Username * ⓘ

matthew

Password * ⓘ

.....

Save

Discard



Firewall settings ...

sqltestmjb (SQL server)



Save



Discard



Add client IP

Success!

Successfully updated server firewall rules

OK

Minimum TLS Version ⓘ

1.0

1.1

1.2

Connection Policy ⓘ

Default

Proxy

Redirect

Allow Azure services and resources to access this server ⓘ

Yes

No

Client IP address

87.80.37.173

Rule name	Start IP	End IP	
			...
ClientIPAddress_2021-06-20...	87.80.37.173	87.80.37.173	...
query-editor-d4d940	85.115.54.201	85.115.54.201	...
LogicApp	51.141.47.105	51.141.47.105	...

SQL Insert row (V2) ...

* Server name Use connection settings (sqltestmjb.database.windows.net) ▾

* Database name Use connection settings (MyTestDatabase) ▾

* Table name MyTable ▾

* Raw inputs

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

SQL Insert row (V2) ⓘ ...

* Server name Use connection settings (sqltestmjb.database.windows.net) ▾

* Database name Use connection settings (MyTestDatabase) ▾

* Table name MyTable ▾

* Id 1

* Lastname Bennett

* Customertype Customer

Firstname Matthew ✕

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

SQL **Execute stored procedure 2** 25m

GatewayTimeout.

2 retries occurred. [View >](#)

INPUTS	Retry of 2
Procedure name <div style="background-color: black; width: 100px; height: 15px;"></div>	Duration: 2m Start time: 2017-09-15T09:41:20.4052002Z End time: 2017-09-15T09:43:08.5921438Z Status: GatewayTimeout Client request ID: <div style="background-color: black; width: 150px; height: 15px;"></div> Service request ID: <div style="background-color: black; width: 150px; height: 15px;"></div>
OUTPUTS	

Settings for 'Update a record'

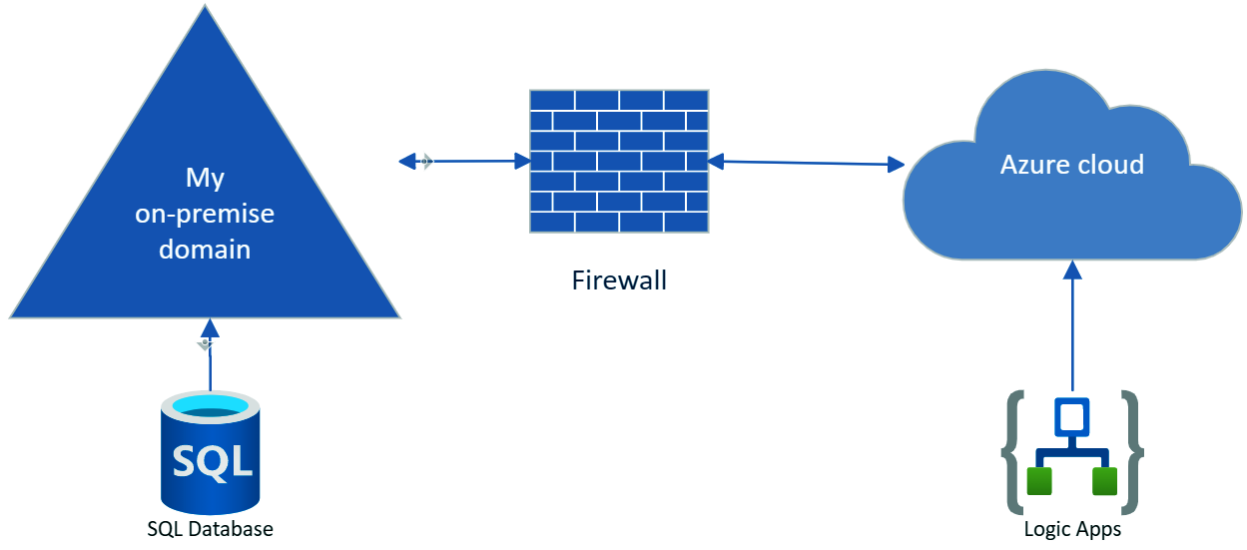
Secure Inputs
Secure inputs of the operation.
Secure Inputs Off

Secure Outputs
Secure outputs of the operation and references of output properties.
Secure Outputs Off

Asynchronous Pattern
With the asynchronous pattern, if the remote server indicates that the request is accepted for processing with a 202 (Accepted) response, the Logic Apps engine will keep polling the URL specified in the response's location header until reaching a terminal state.
Asynchronous Pattern On

Automatic decompression
Automatically decompress gzip response.
Automatic decompression On

Timeout
Limit the maximum duration an asynchronous pattern may take. Note: this does not alter the request timeout of a single request.
Duration ⓘ



▼

SQL Server ⓘ ...

* Connection name

* Authentication Type ⓘ *

* SQL server name ⓘ

* SQL database name ⓘ

* Username ⓘ

* Password ⓘ ⓘ


* Gateway ⓘ


Subscription


▼

Connection Gateway

▼

 Get file content i ...

* File 

 List of Files Na... x

Infer Content Type v x

Connected to MJBFileConnector [Change connection.](#)