Azure Logic Apps

Out-of-the-box connectors reduce integration challenges

You can connect apps, data, and devices anywhere—on-premises or in the cloud—with our large ecosystem of software as a service (SaaS) and cloud-based connectors that includes Salesforce, Office 365, Twitter, Dropbox, Google services, and more. It's never been easier to access data and keep your disparate systems up-to-date, in real-time. New connectors are being added to the Azure Marketplace all of the time.

Creating a logic app

Two different editors.

1. Web base in azure portal
2. Visual studio 2015/2017 plug in link

The deployment methods varies with each editor.

First Demo

Let's look at the web portal now.

Basic building blocks

Triggers

    Reactive/Proactive

        Recurrence Polling Event-base Webhook

Actions

    Flow control, Internal function call, Connectors.

Connectors

    API wrappers

Flow Control

If - Then

Switch

For - Each

Do - Until

Scope

Demo 2

Flow control with error checking.

Serverless computing

Serverless computing is the abstraction of servers, infrastructure, and operating systems. When you build serverless apps you don't need to provision and manage any servers, so you can take your mind off infrastructure concerns. Serverless computing is driven by the reaction to events and triggers happening in near-real-time—in the cloud. As a fully managed service, server management and capacity planning are invisible to the developer and billing is based just on resources consumed or the actual time your code is running.

- Only pay when the App is in use
- App will scale to meet demain
- No servers to manage

Pricing

Every time a Logic App definition runs the triggers, action and connector executions are metered.

	PRICE PER EXECUTION
Actions	$0.000025
Standard Connector	$0.000125
Enterprise Connector	$0.001

Integration Account

The Integration Account is Microsoft's cloud-based solution for seamlessly integrating business functions and data sources. The Integration account enables customers to take advantage of Logic Apps B2B / EDI and XML processing capabilities.

	BASIC	STANDARD
XMLMaps	50	500
XMLSchemas	50	500
EDI Trading Partners	2	500
EDI Agreements	1	500
Price/Hour	$0.42	$1.37

Hybrid options

- On-premises Data Gateway
- Azure Api Management
- Azure Service Bus

These are not specific to logic apps.

Alternatives

Zapier.com

Ifttt.com

https://docs.microsoft.com/en-us/connectors/10to8/