



# CA API Management OAuth Toolkit (OTK) and IFTTT

Building event driven apps

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# Abstract

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This tutorial will give an introduction about building event driven applications leveraging OTK and IFTTT (<https://ifttt.com>).

The goal is to provide an overview of required tasks on both platforms, OTK and IFTTT. The tutorial will reference and application created on IFTTT, and APIs in OTK. Both will be created/ modified during this session.

For further information on OAuth, OpenID Connect or CA Mobile API Gateway refer to my blog at: **<https://communities.ca.com/blogs/oauth>**

# What is CA APIM OAuth Toolkit

- OTK is an OAuth 2.0 server that supports RFC 6749
- OTK is a certified OpenID Connect server (RP, OP)
- OTK is built on top of CA API Gateway

# What is IFTTT

- IFTTT is a SaaS platform allowing anyone to built apps using the pattern *IF This Then That*!
- IFTTT is free for end-users
- IFTTT is not free for service providers
- **Disclaimer:** CA has no relationship to IFTTT, IFTTT was chosen entirely based on customer demand (and mine)

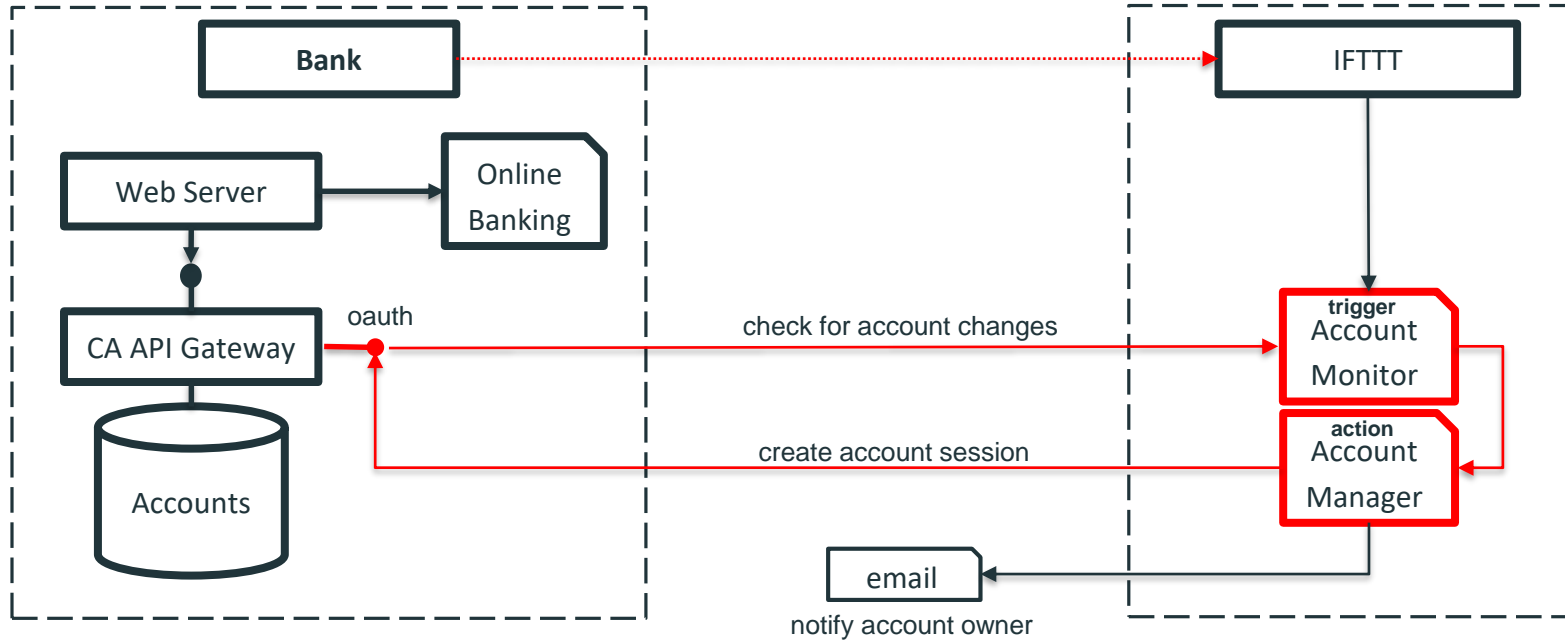
# CA OTK Tutorial Bank

- Simulating a Bank
- Bank provides API based access to bank account
- Bank implements IFTTT API interfaces
- Bank creates services at IFTTT

# Use Case: Account Monitor

- Bank wants an easy way to notify customers if the account has changed due to withdrawals or deposits
- Bank does not want to re-implement solutions that already exist
- Bank wants to re-use the CA API Gateway
- What can they do? .... OAuth + IFTTT!

# Use Case: Account Monitor - Overview





# Demo / Tutorial

1. IFTTT configuration
2. OTK configuration
3. Solution in action

# Links

- **CA API Gateway:** <https://www.ca.com/us/products/ca-api-gateway.html>
- **IFTTT:** <https://ifttt.com>
- **Blogs** <https://communities.ca.com/blogs/oauth>, <https://communities.ca.com/blogs/gateway>
- **GitHub** <https://github.com/CAAPIM>, <https://github.com/CAAPIM/Tutorials>
- This tutorial will be available as 'ca-apim-otk-and-ifttt' in the ***Tutorials*** repository!

Questions?

Thank you.

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