

Securing Identity and Privacy across Mobile and IoT

WIPJam

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lean • enterprise • middleware

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About me



- CTO and Co-Founder, WSO2
- Chair of OASIS standard
- Apache Committer
- Regular speaker

About me



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- Chair of OASIS standard
- Apache Committer
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- Masked Vigilante

About me



- CTO and Co-Founder, WSO2
- Chair of OASIS standard
- Apache Committer
- Regular speaker



- In a band: *Revel Weird and Wild*
- Plays flute and mandolin
- Father of two children
- Keen snowboarder



Identity is *fluid*





Open Standards

Open Source

Open Participation



UNITED FEDERATION OF PLANETS

Federated Identity and Access





Key Code:



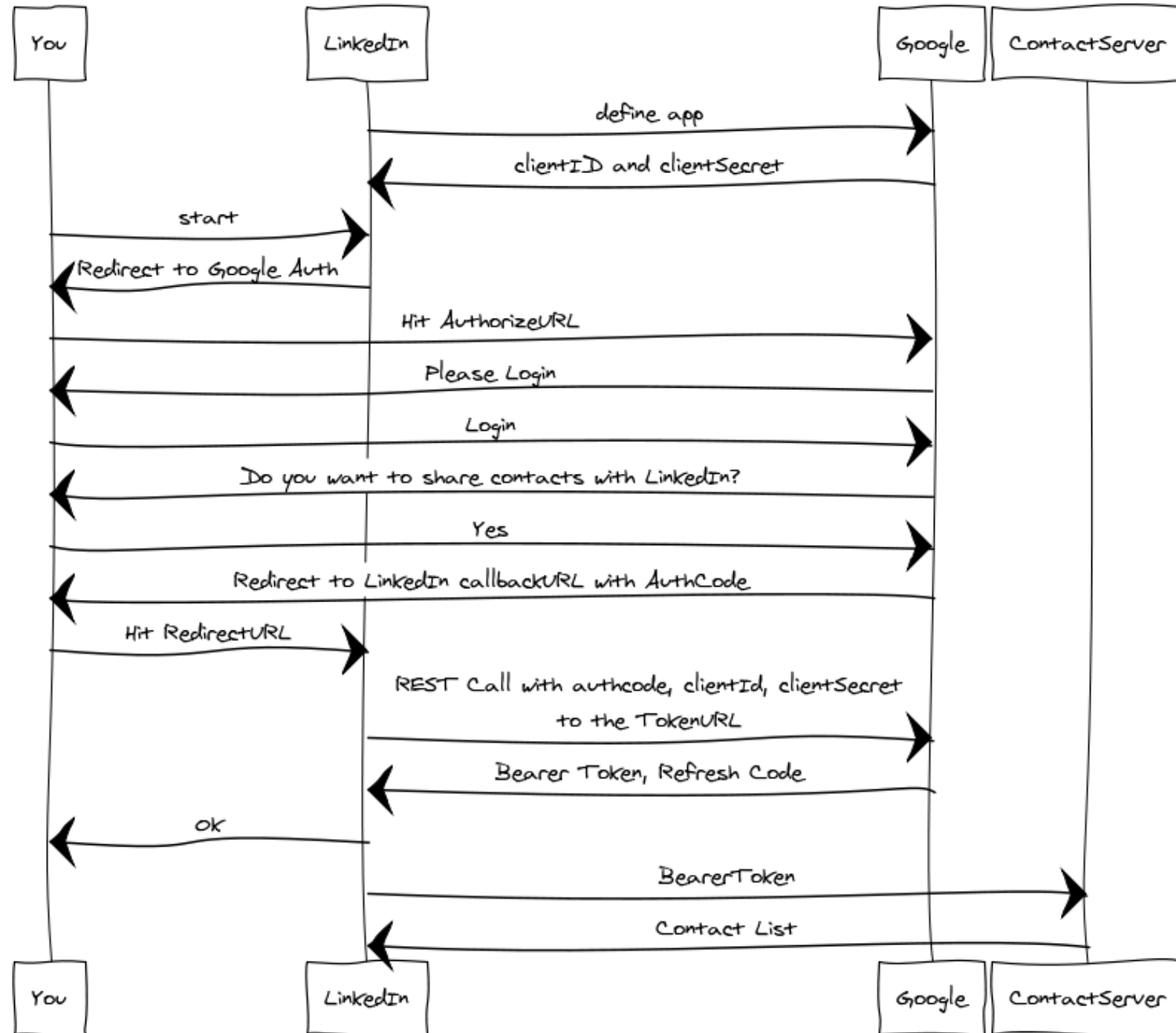
For Key replacement or other
Lexus inquiries, please contact

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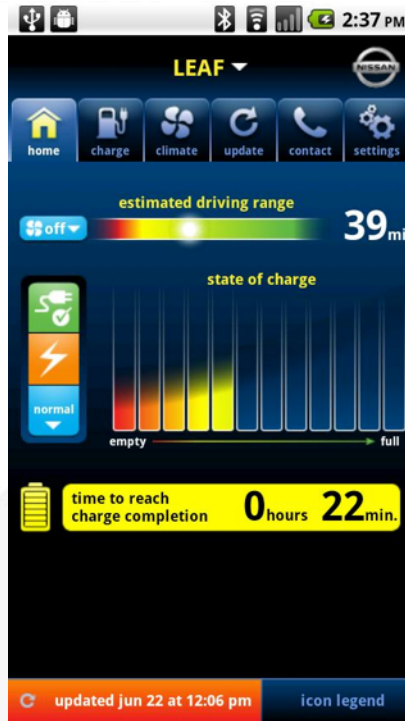
For emergency use only.

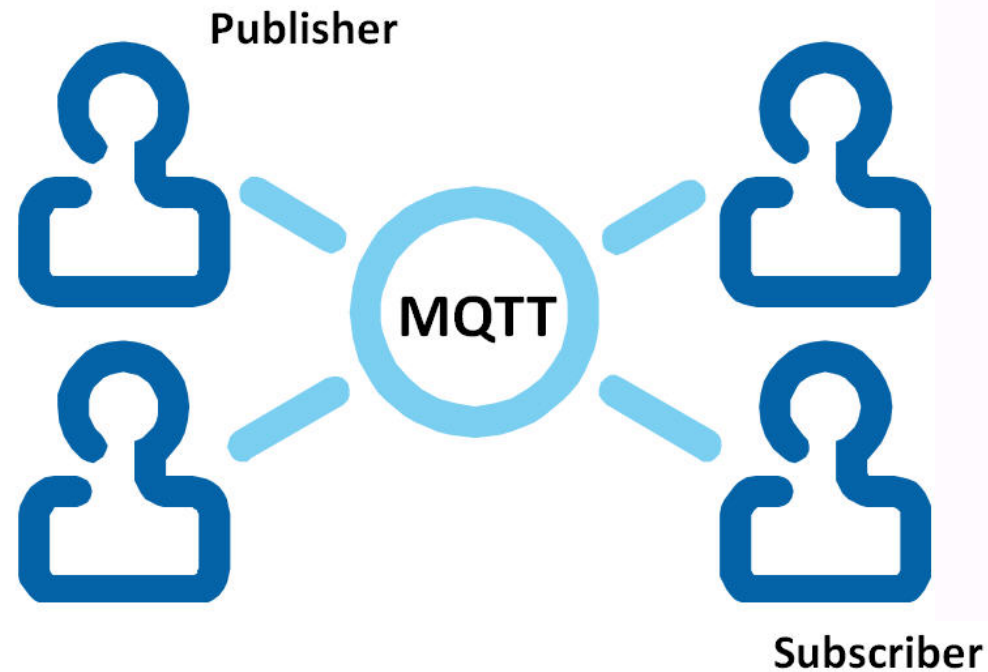
The "LinkedIn" Scenario the details



Who uses OAuth?



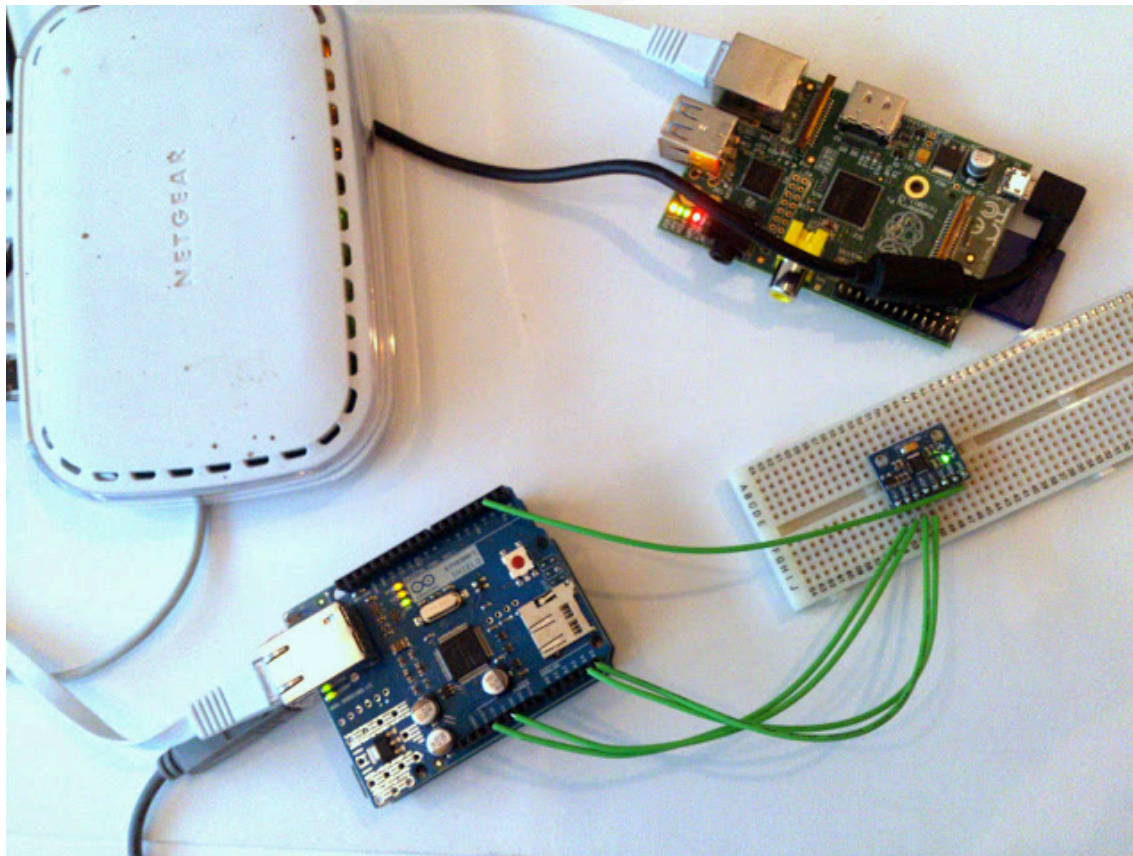




Messenger
Free texting from Facebook

OAuth2 with IoT

- <http://pzf.fremantle.org/2013/11/using-oauth-20-with-mqtt.html>

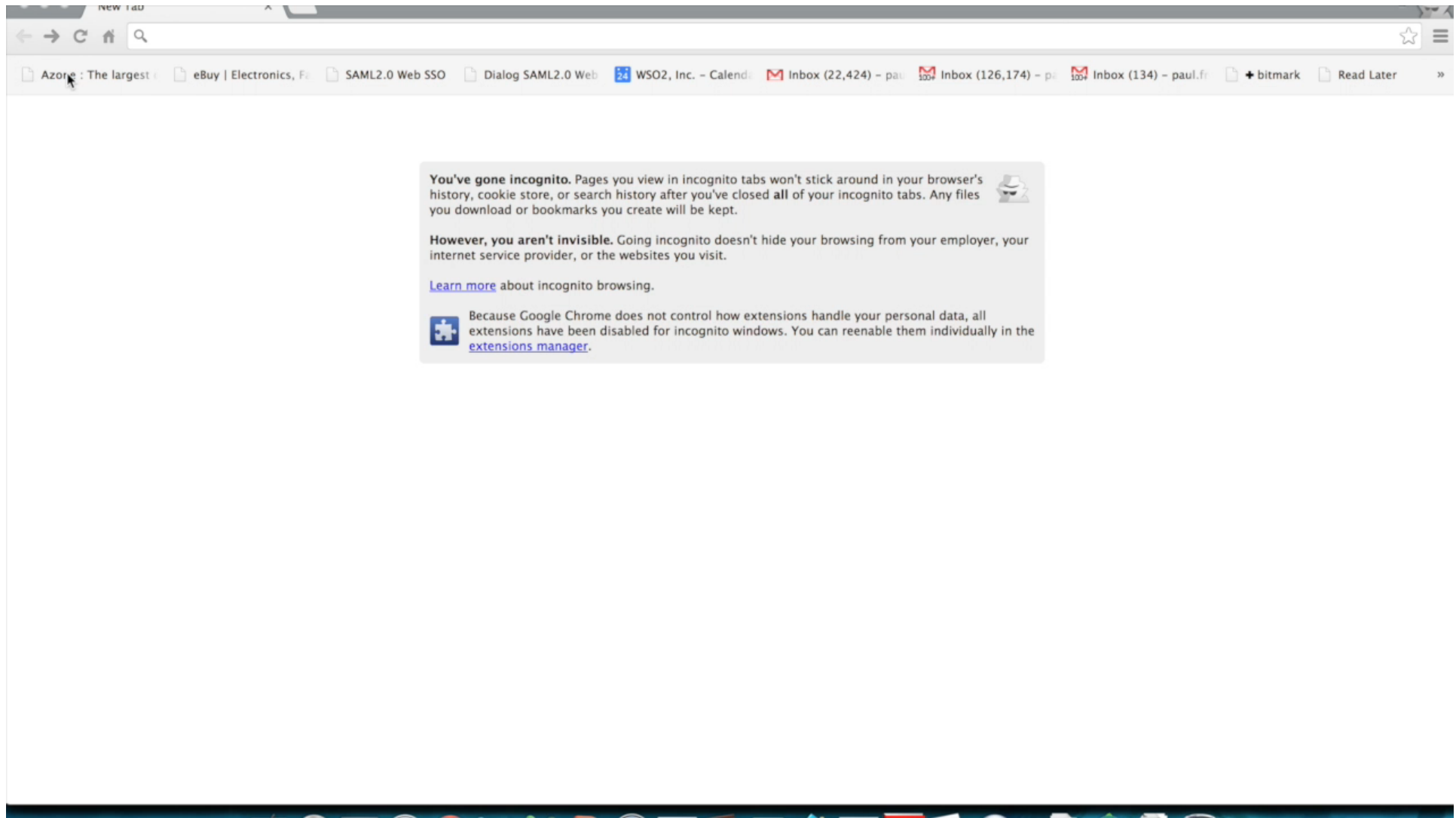


your device = your data



- Using OAuth2 for Identity
 - A pattern already in use for Github and others
- Discovery
 - How do I find out which identity provider to use?
- What has this got to do with Mobile?
- Quick demo!

Quick demo



- Completely *Open Source* under the Apache License
 - No “extra features under a closed license”
- Identity management and *OpenID Connect*
- Launched this week:
 - *The world's first Open Source MDM platform*

Gayan Gunawardana's Devices

LT22i

iPad

iPhone

Device



93%

1.38GB

10.85GB



Notifications

Oeration	Sent	Received
Get All Applications	9/7/2013 @ 17:41:23	
Get All Applications	9/7/2013 @ 17:40:4	

Device Info

DEVICE: LT22i

IMSI: 413010592543686

IMEI: 352265058643266

MODEL: LT22i

EMAIL: gayan@wso2mobile.com

Operations



Device Lock



Message



Mute Device



Change Password



Wipe



Wifi



Encrypt Storage



Clear



Camera



Password Policy

Application List



[Home](#)[Android](#)[iOS](#)[Blackberry](#)[Win Mobile](#)

Most Popular Apps

Fuel Log Car Man...



Publisher: 1WSO2Mobile



Conference Caller



Publisher: 1WSO2Mobile



Batman



Publisher: 1WSO2Mobile



Antivirus



Publisher: 1WSO2Mobile



New Apps

Fuel Log Car Man...



Publisher: 1WSO2Mobile



Conference Caller



Publisher: 1WSO2Mobile



Batman



Publisher: 1WSO2Mobile



Antivirus



Publisher: 1WSO2Mobile



Participate!

- Help build an ecosystem:
 - *OAuth and OpenID Connect for Mobile and IoT*
- Join our mailing lists:
 - architecture@wso2.org
 - dev@wso2.org
- Try out the WSO2 MDM/MAM
 - <http://wso2.com/products/enterprise-mobility-manager/>
- WSO2 Identity Server
 - <http://wso2.com/products/identity-server/>

