

A new Security Stack for modern Applications

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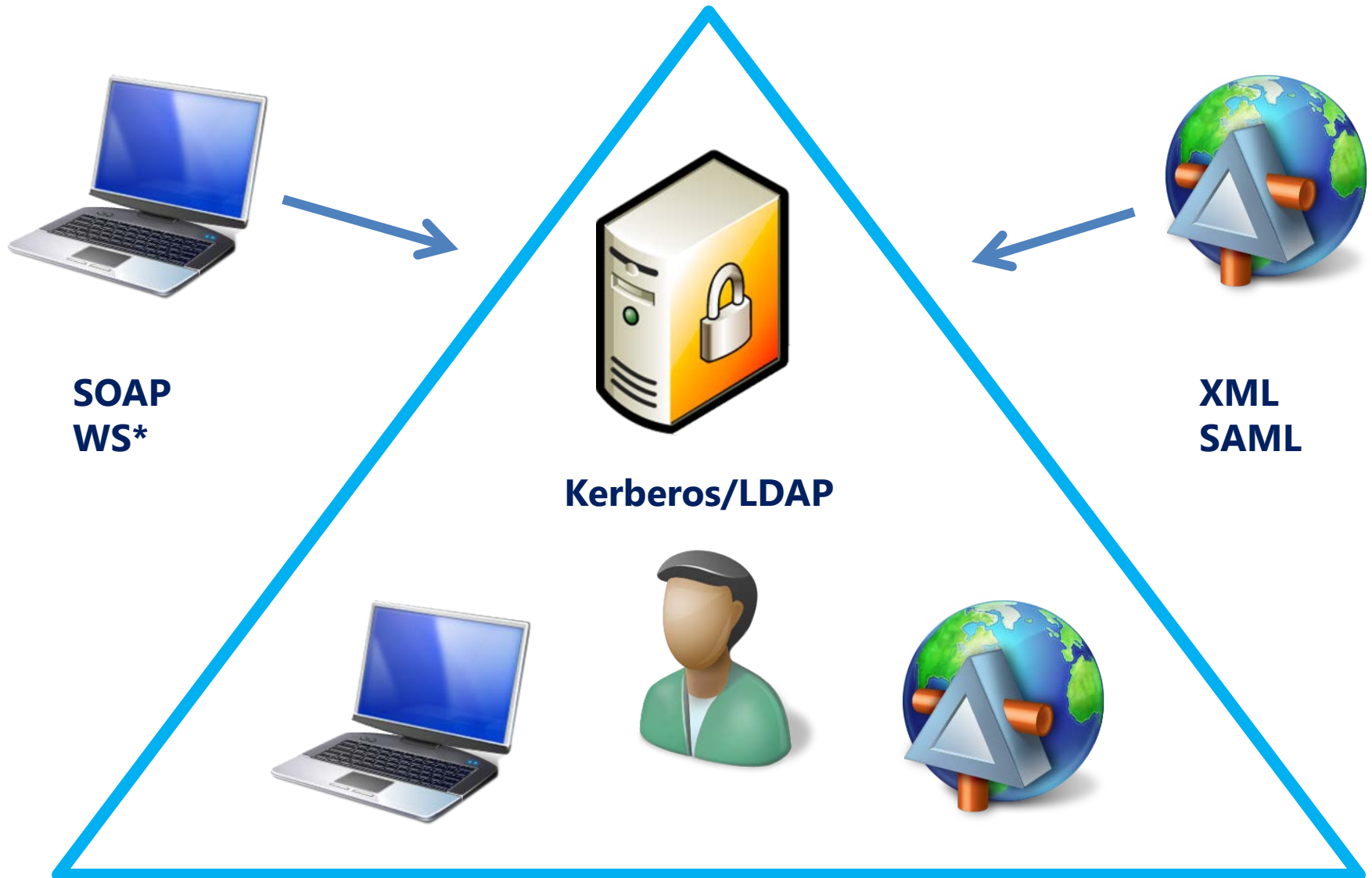
<http://leastprivilege.com>

@leastprivilege



pluralsight
hardcore developer training

Enterprise Security



The mobile Revolution

No SOAP
No SAML
No WS*



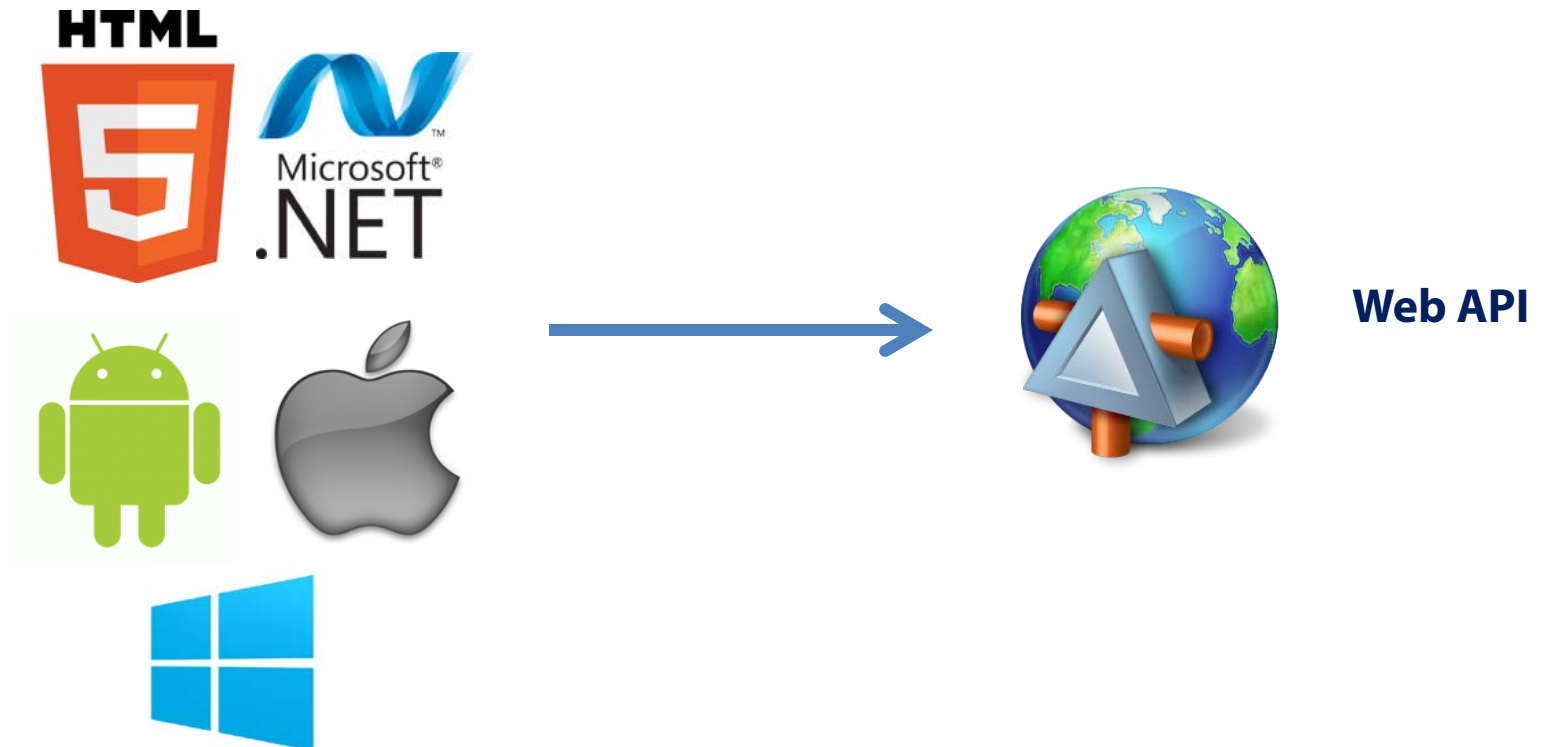
HTTP
JSON

Scenario 1: Mobile Enterprise Apps



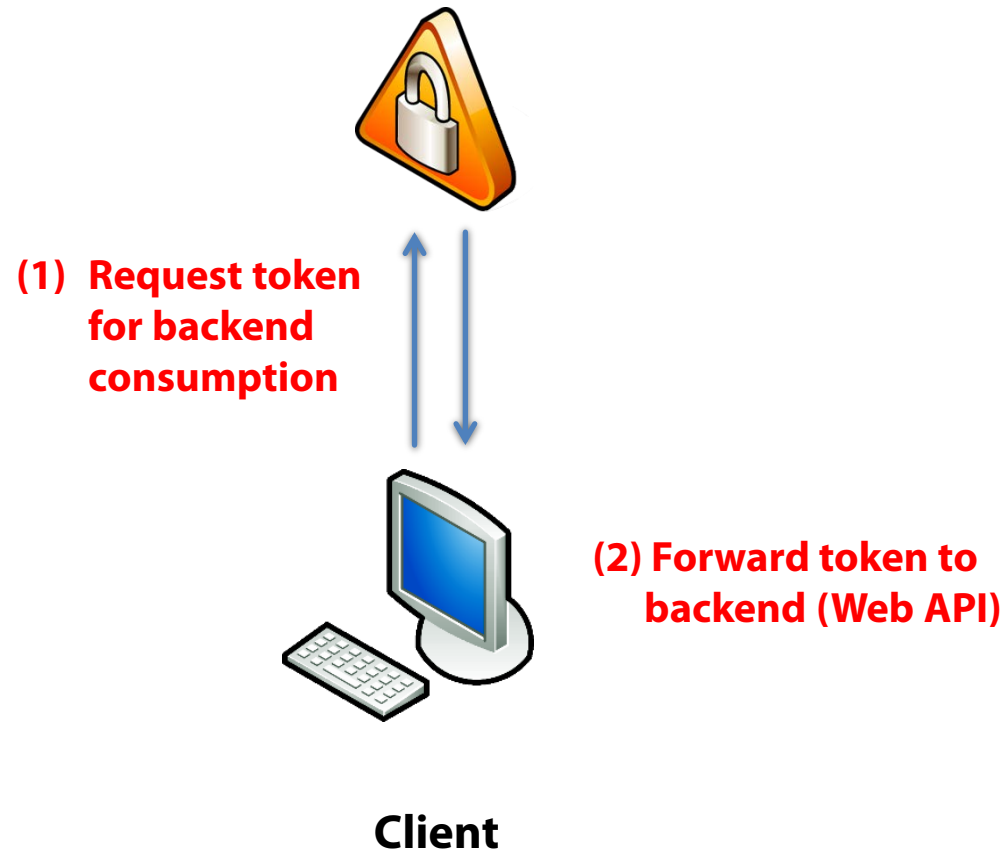
Scenario 2: Business to Customer

- Software vendors jump on the "apps bandwagon"
- Reach and cross-platform design becomes much more important



OAuth2

Authorization Server



OpenID Connect

Authentication Server



**(1) Request token
for client
consumption**



**(2) Parse and validate
token**

Client

Summary

- **"Classic" security is intranet-only**
 - plus maybe special customer facing (web) applications in the DMZ
- **B2B federation using protocols like WS-Federation, SAML2p and WS-Trust**
- **Mobile devices are a game changer**
 - no "enterprise security" integration
 - less powerful
 - ...but increasingly popular and business critical
- **New "common denominator" technologies**
 - presentation (e.g. HTML5)
 - authentication & authorization