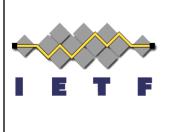
## **Reciprocal OAuth**



Dick Hardt IETF 103, Bangkok Nov 2018





# Reciprocal OAuth Refresher

#### **Problem**

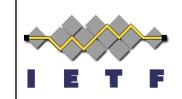


- User would like authorize party A and party B to access protected resources at each other
- Eg. Alexa and Sonos integration
  - Alexa calls Sonos to play a station
  - Sonos calls Alexa to update current song
- Setup is complicated and confusing as 2 OAuth flows are required



#### **Solution**

 Complete 2<sup>nd</sup> flow back channel by passing authorization code with access token



### draft-ietf-oauth-reciprocal-01

 'reciprocal' scope parameter passed in response to access token request

```
HTTP/1.1 200 OK ...

{

"access_token":"2YotnFZFEjr1zCsicMWpAA",

"token_type":"example",

"expires_in":3600,

"refresh_token":"tGzv3JOkF0XG5Qx2TIKWIA",

"reciprocal":"example_scope",

"example_parameter":"example_value"

}
```



# **Next Steps?**