

Reciprocal OAuth

ietf-oauth-reciprocal

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 2nd 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?

