Reciprocal OAuth

ietf-oauth-reciprocal

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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\textsuperscript{nd} flow back channel by passing authorization code with access token
‘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?