

Data Science



Basic Authentication

HTTP Basic Authentication

Create Github repository

Reddit

- Timeline
- Search bar
- Subreddit
- Upvote/Downvote
- Abbreviations

Authorization

Start car, lock doors, deny trunk



Image Source - <https://image.slidesharecdn.com/idpsamloauthboston2014-140904091143-phpapp02/95/idp-saml-oauth-10-638.jpg?cb=1409822128>

oAuth

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- oAuth is a token based authentication and authorization system.
 - It allows access to an end user's account and private information to be used by third-party services without exposing the user's password.
 - It acts as an intermediary on behalf of the end user.

oAuth - Example

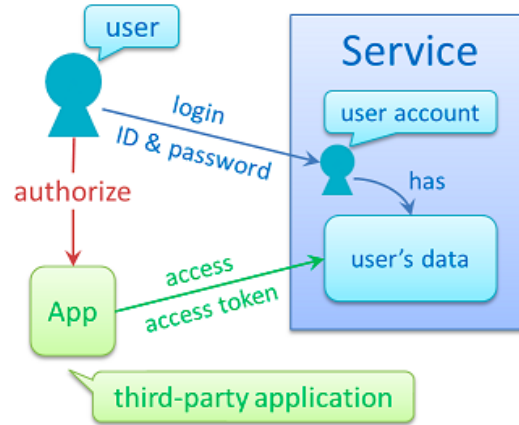


Image Source - <https://i.stack.imgur.com/zI0Gp.png>

oAuth Roles

oAuth Roles



- Resource owner
- Client
- Resource server
- Authorization server

oAuth Process

oAuth Process

- Step 1 : Application registration
 - Provide details like
 - Application Name
 - Application website
 - Redirect URI
 - It will return client credentials including
 - Client identifier (Public)
 - Client secret (Private)
- Step 2 : Authorization Grant or get access token