

Authentication	Authorization
Who are you ?	What can you do ?
Example : Person can have creds to login into a database.	Example : Person who has logged in to the database, have only read access or write access or he can query all tables or not.

Authentication

Client sends its name and password over the network to login to the server. Here the user is **Authenticated** based on its credentials.

Token Based Authentication

- Here the client sends the Username and password to the server for login purpose. Here every time the client doesn't need to send its credentials to the server, instead of this server sends the a token to the client to access the server for further requests.
- This token will expire after some time.
- **Example** : Bank websites

OAuth

As in today's Market the number of applications for a single user has gone high and to sign up to each application to get onboarded is too hassle task for the user and it takes time. So to not fill the whole signup form a new technology came in and is called as OAuth. Now the user can click on a single button and can easily sign up on the app.

Example: A user has different options to sign up to a website of OAuth such as Google, Apple, Facebook, LinkedIn.