**Protecting DB Credentials when connecting with Javascript**

**Objective**

* Learn about credential security practices
* Discover methods for protecting the database users credentials
* Test these methods used

**Findings**

* **OAuth**
  + OAuth (Open Authorization) is an open standard for token-based authentication and authorization on the Internet. OAuth, which is pronounced "oh-auth," allows an end user's account information to be used by third-party services, such as Facebook, without exposing the user's password.
  + POST <https://api.authorization-server.com/token>
  + grant\_type=authorization\_code&
  + The grant type for this flow is authorization\_code
  + code=AUTH\_CODE\_HERE&
  + This is the code you received in the query string
  + redirect\_uri=REDIRECT\_URI&
  + Must be identical to the redirect URI provided in the original link
  + client\_id=CLIENT\_ID
    - The client ID you received when you first created the application

**Conclusion**

* Going to use “out of the box” security.