

# Lab: Accessing private GraphQL posts

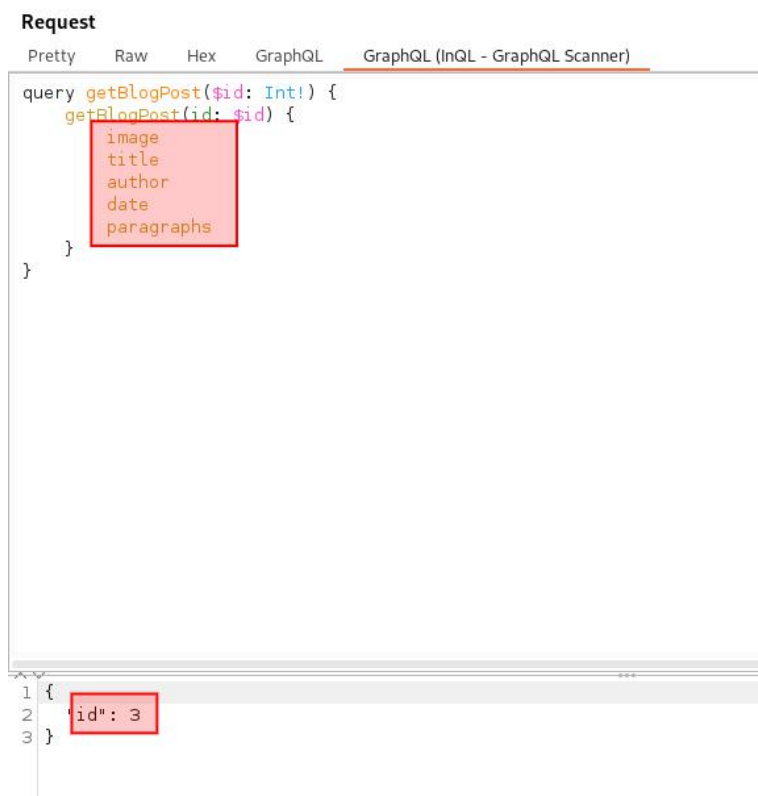
**Description:** The blog page for this lab contains a hidden blog post that has a secret password. To solve the lab, find the hidden blog post and enter the password.

**Solutions:** This is the first lab of portswigger GraphQL. To solve this lab I will use an extension which is called InQL-GraphQL Scanner.

**Instation process:** Burb Extention->bApp Store->Search Inql -> Install

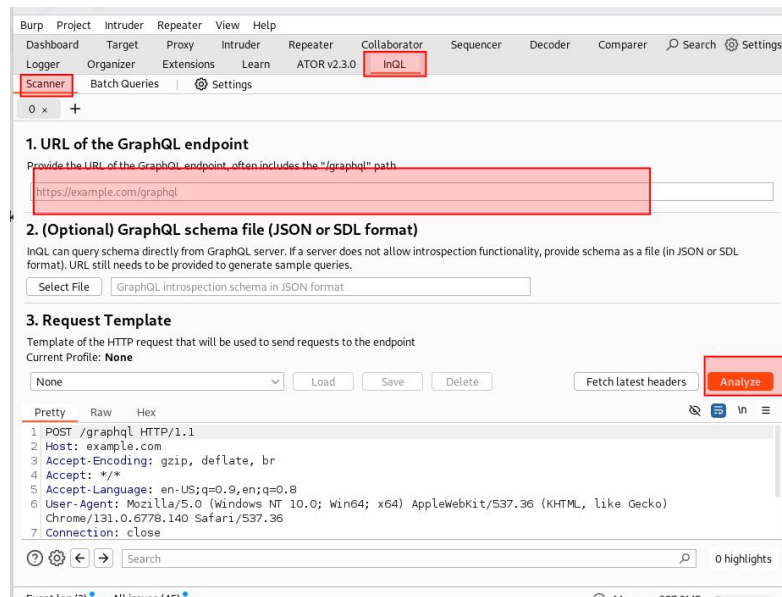
Now access the lab

This is very simple website which hasn't enough functionality. Now turn on the foxyproxy and capture everything in burb or we can use burb in built chromium browser. Try to visit all the functionality the web site has. In burb proxy history find the post request `graph/v1`. Send it to repeater. In repeater you will notice there is two additional tab one is GraphQL which is by default come with graphql request but the another one GraphQL(Inql-GraphQL Scanner) which only come when the Inql-GraphQL Scanner is installed. Now if we look carefully the description of the problem there is told, In the website there is secret password. So we need to find it. Now we again look the repeater tab GraphQL(Inql-GraphQL Scanner) where we see some parameter.

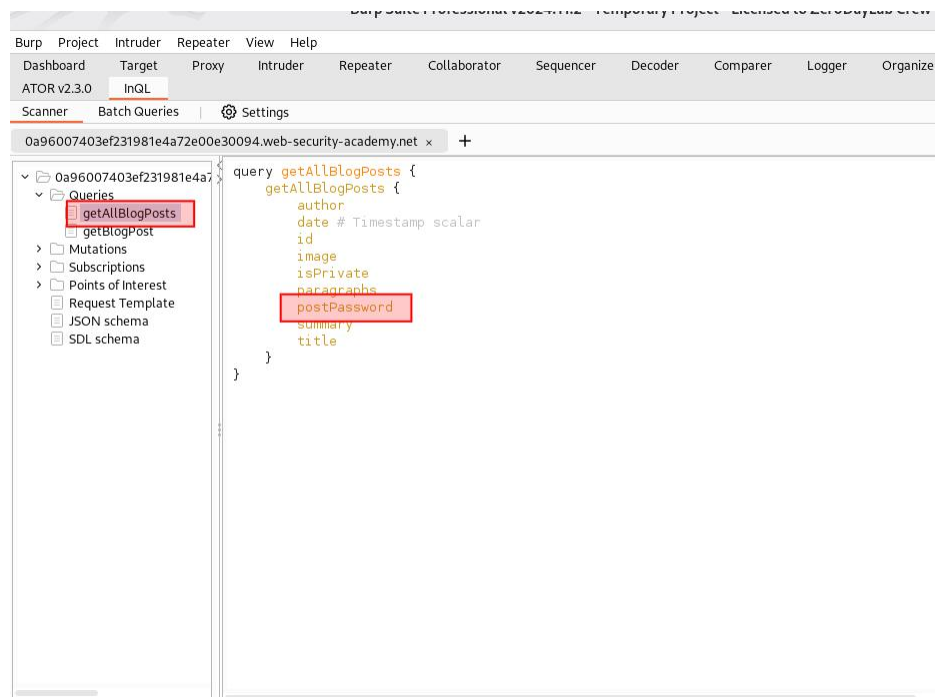


If you change the id you will notice different responses in the responses. Now our focus is to find any parameter that is hidden. To do that we will use Inql extension. We go to repeater

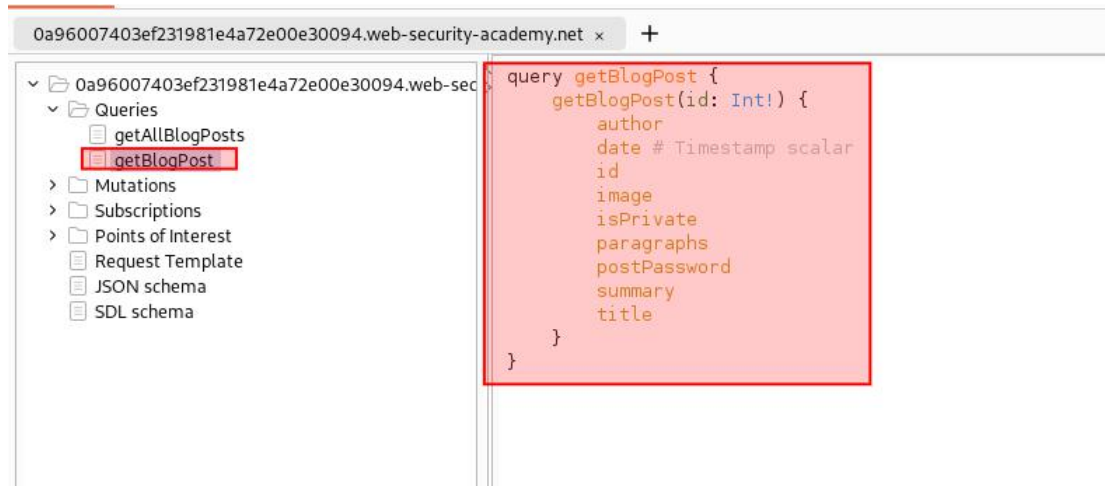
pretty tab and right click the mouse and copy the url. Now we go to InQL tab in burp->Scanner->paste the url->Click analyze.



We will see some result. If we go to “getAllBlogPosts” we will notice some hidden parameter which is not found previously in the GraphQL tab in repeater. Now we use this postPassword parameter in repeater tab for all the id values to see if we can find anything.



So go to “getPost” we copy all the query and paste it GraphQL in repeater tab. We change the “Int!” with numeric id value.



When we change the value with 3 and in response we will notice postPassword Vaule is shown.

