

We used Burp Suite to test our application. When your computer is compromised, the hacker could view all of your communications between your web browser and web server. As the first picture shows, Burp Suite could record and show all of your request information such as your username and password to the server and the response information such as the token from the server. Even with the token from the server, the hacker could decode it by using one of the extensions from Burp Suite as this the second picture shows. What's more, the hacker could also intercept your proxy in real time by using Burp Suite like the third picture shows, and the hacker could edit your request information and send it to the server to get the response in real time, and this is also how man-in-middle attack works.