JSON Object Analysis

1 Analysis

JSON stands for JavaScript Object Notation. It is a lightweight format for storing and transporting data. It is often used to communicate between server and receiver.

In our case, we will use the data present in JSON document and create an HTML code dynamically when the webpage loads in the browser using the code present in our JS file.

This will help us reduce the amount of code in our project. Less amount of code directly means easier code maintenance.

JSON is "self-describing" and easy to understand hence it will make our project more readable and with a very little knowledge, even the client will be able to make changes in the user interface.

2 Popular vulnerability

JSON Hijacking is similiar to CSRF(Cross Site Request Forgery) except in CSRF you trick the user to do some malicious activity but in JSON Hijacking you trick the user to access a crafted link which will read some data which could contain malicious code.

3 Recommendation

A JSON access could act as an access point. Hence, proper care must be take before reading it. A simple solution would be to store the signature of the JSON object and compare it with the signature of the JSON object that is being accessed. If they don't match then halt the further operations related to it.