



# JWT

## 1- What is JWT and how it works:

JWT stands for JSON Web Token ,and it is a method of correspondence between two specific parties in a secure and safe manner, and JWT protects the message as a JSON object used as a payload for a JSON Web Signature (JWS) structure or as plain text for a JSON Web Encryption (JWE) structure.

## 2- Why do we use JWT?

JWT tokens protect user data inside them and cannot be seen in the database if the query is made multiple times. JWT can be applied in all programming languages and different frameworks.

## 3- What does JWT contain?

The JWT is divided into a header, a payload, and a signature. **The header specifies the type of JWT token, and the signature method used**, while the **payload contains the requests or correspondence**. **The signature part is used to verify that the sender of the JWT token is the correct, trustworthy person and not someone tampering with the message**, for example:



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