What is JSON WEB TOKEN?

A Json web token (JWT) is a standardized format that is used to securely transfer information between two parties.

Exchanged Information

Authorization

**Sample JWT structure**

Header . payload . Signature

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4gRG9lIiwiaWF0IjoxNTE2MjM5MDIyfQ.SflKxwRJSMeKKF2QT4fwpMeJf36POk6yJV\_adQssw5c

**Header and Payload – Base64 URL encoding**

**BASE64 VS BASE64URL:**

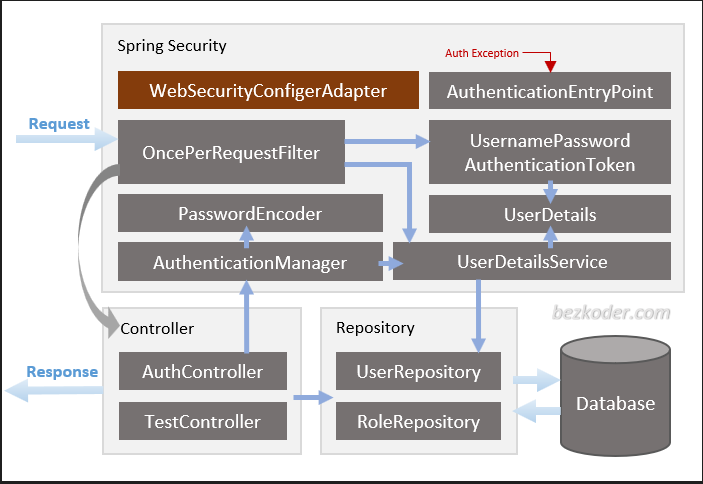
Base64 is commonly used for encoding text transferred over network.

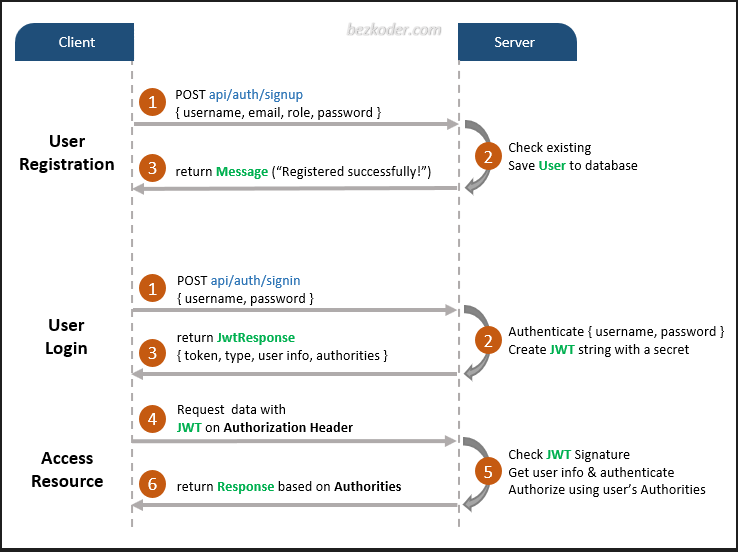
Characters that are used in Base64 sometimes do not work well when passed using GET parameters or HTTP headers.

A variant of Base64 called Base64url is used in JWT.

Technically it is base64 encoding with the following differences:

* + + (plus) is replaced by – (Minus)
  + / (slash) is replaced by \_(underscore)
  + = (Padding characters) are omitted.





How JWT Works:

