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What is JSON Web Token?

JWT, which stands for JSON Web Token, is an open standard for securely sharing <u>JSON</u> data between parties. The data is encoded and digitally signed, which ensures its authenticity. JWT is widely used in <u>API authentication</u> and authorization workflows, as well as for data transfer between clients and servers.

What is the JSON Web Token structure?

eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9.
eyJzdWIiOiIxMjM0NTY3ODkwIiwibmFtZSI6IkpvaG4g
gRG9lIiwiaXNTb2NpYWwiOnRydWV9.
4pcPyMD09olPSyXnrXCjTwXyr4BsezdI1AVTmud2fU4

Header
Payload
Signature

How does JWT work?

Transmitting data across multiple systems can be risky, as this data can be intercepted and modified before it gets to the receiver. The sender must therefore take steps to ensure that the data is securely transmitted, and the receiver must be able to confirm that the data is from the expected sender and that it was not modified during transport.
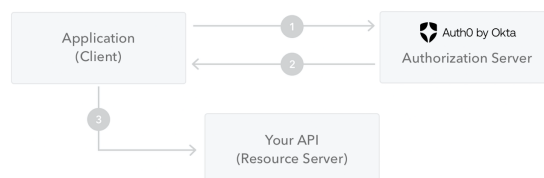
dependency

```
<!-- https://mvnrepository.com/artifact/io.jsonwebtoken/jjwt-impl -->
```

```
<!-- https://mvnrepository.com/artifact/io.jsonwebtoken/jjwt-api -->
```

```
<!-- https://mvnrepository.com/artifact/io.jsonwebtoken/jjwt-jackson -->
```