

# NESTED JWT

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# BACKGROUND

- **RFC7519** defines the **JSON Web Token (JWT)** concept and includes a description of the **Nested JWT** concept.
- **Nested JWT** is a JWT that its payload contains another JWT.

# NESTED JWT LIMITATION

- As currently defined, the **payload** of the **enclosing JWT** is limited to containing the full **enclosed JWT** only.

# GOAL

- Extend the scope of the **Nested JWT** to allow the **payload** of the **enclosing JWT** to contain its own **Claims Set** in addition to the **enclosed JWT**.

# JWT CONTENT TYPE HEADER PARAMETER

- Define a new value for the **cty** header, e.g. **NJWT**, to indicate that the payload contains a **Claims Set** in addition to the **JWT**.

# JWT CONTENT

- Define a new claim, e.g. **njwt**, that would be used to contain the **enclosed JWT**.

# EXAMPLE

```
{  
  "alg": "HS256",  
  "typ": "JWT",  
  "cty": "NJWT"  
}  
  
{  
  "sub": "1234567890",  
  "name": "John Doe",  
  "iat": 1516239022,  
  "njwt": "<njwt>"  
}
```

# QUESTIONS?

