

draft-ietf-oauth-jwt-introspection-response

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What is it?

- Introduces an additional response mode for “OAuth 2.0 Token Introspection” (RFC 7662)
- The response is carried as signed (and optionally encrypted) JWT
- Allows for non-repudiation
- Allows for application level authenticity, integrity and confidentiality

Recent Change

- -09 moved the data of the introspected token into a top-level JWT claim **“token_introspection”**
- Allows separation of the carrier JWT claims from the actual token introspection response claims, for example **“iat”**.

Request

POST /introspect HTTP/1.1

Host: as.example.com

Accept: **application/token-introspection+jwt**

Authorization: Basic czZCaGRSa3F0MzpnWDFmQmF0M2JW

Content-Type: application/x-www-form-urlencoded

token=2YotnFZFEjr1zCsicMWpAA

Response

```
{  
  "typ": "token-introspection+jwt",  
  "alg": "RS256",  
  "kid": "wG6D"  
}
```

claims of the
introspected token

```
{  
  "iss": "https://as.example.com/",  
  "aud": "https://rs.example.com/resource",  
  "iat": 1514797892,  
  "token_introspection": {  
    "active": true,  
    "iss": "https://as.example.com/",  
    "aud": "https://rs.example.com/resource",  
    "iat": 1514797822,  
    "exp": 1514797942,  
    "client_id": "paiB2goo0a",  
    "scope": "read write dolphin",  
    "sub": "Z5O3upPC88QrAjx00dis",  
    "email": "1test@test.com"  
    "jti": "t1FoCCaZd4Xv4ORJUWVUeTZfsKhW30CQCwWDDjwXy6w"  
  }  
}
```

claims of the carrier JWT

What's next?