

# msaSDK Module

## **.security**

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## Classes

### MSASecurity

#### Attributes

auth\_backend\_cookie instance-attribute

```
auth_backend_cookie = AuthenticationBackend(  
    name="jwt_cookie",  
    transport=self.cookie_authentication,  
    get_strategy=get_jwt_strategy,  
)
```

auth\_backend\_jwt instance-attribute

```
auth_backend_jwt = AuthenticationBackend(  
    name="jwt_bearer",  
    transport=self.bearer_transport,  
    get_strategy=get_jwt_strategy,  
)
```

auth\_backends instance-attribute

```
auth_backends = []
```

bearer\_transport instance-attribute

```
bearer_transport = BearerTransport(  
    tokenUrl="auth/jwt/login"  
)
```

cookie\_authentication instance-attribute

```
cookie_authentication = CookieTransport(  
    cookie_name="sduaiservices-cookie"  
)
```

## Functions

### `__init__`

```
__init__() -> None
```

## Functions

### `getMSASecurity` cached

```
getMSASecurity() -> MSASecurity
```

This function returns a cached instance of the MSASecurity object.



#### Note



Caching is used to prevent re-reading the environment every time the MSASecurity is used.

### `getSecretKey`

```
getSecretKey()
```

### `get_jwt_strategy`

```
get_jwt_strategy() -> JWTStrategy
```

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