

# msaSDK Module

## **.security**

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## Attributes

**\_\_version\_\_** module-attribute

```
__version__ = '0.1.0'
```

## 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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