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# Dear API client,

# We kindly remind you that this sample data is provided to you for information and trial purpose
only.

# You shall make use according to our General Conditions applicable to SEMOpx Information Product
that you expressly accepted.

# Therefore, you are not entitled to access and use it for External Usage, including commercial
purposes.

# Moreover, in no case should SEMOpx be held liable for the content of this data.

# Kind regards,

# Your SEMOpx Market Data Team

# @version 1.0
# -----

# =====
# Packages
# =====

from zeep import Client

# =====
# Parameters ; please personalize the green parts
# =====

# API parameters
localwsdl = Path/to/localWSDL/ETSOpenAccessWebService.wsdl'
apiURL = 'https://ets-simu2.svpx.api.epexspot.com:4444/OpenAccess/3.3'
binding = '{urn:openaccess}OpenAccess_3.3OpenAccessSoapBinding'

# Connection parameters
user = 'APIUSER'
password = 'PASSWORD'

# =====
# Create and set client up (without the certificate management part)
# =====

client = Client(localwsdl)
service = client.create_service(binding, apiURL)

# =====
# Establish Connection
# =====
```

```
params = {'userLoginName':user, 'password':password}
resultsEC = service['EstablishConnection'](**params)
```

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# =====
```

```
# Log out
```

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# =====
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```
headerLogOut = {'AsynchronousResponseHeader':{'asynchronousResponse':1}}
```

```
headerLogOut['SessionToken'] = resultsEC ['header']['SessionToken']
```

```
service.Logout(_soapheaders=headerLogOut)
```