

# THSRC API

## Links

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- [MOTC Transport API V2](#) (???????????)

## API ?????

1. Client Id: ???????
2. Client Secret: ???????
3. Access Token: ?? HTTP POST ??Client Id ? Client Secret ??????? Access Token?

### Get Access Token

```
curl --request POST \  
  --url 'https://tdx.transportdata.tw/auth/realms/TDXConnect/protocol/openid-connect/token' \  
  --header 'content-type: application/x-www-form-urlencoded' \  
  --data grant_type=client_credentials \  
  --data client_id=YOUR_CLIENT_ID \  
  --data client_secret=YOUR_CLIENT_SECRET \
```

????????

- access\_token? ?????API???token????JWT
- expires\_in?token????????????86400?(1?)
- token\_type?token?????"Bearer"

Case: ?????????????????????????????????

## API?

1. `/v2/Rail/THSR/DailyTimetable/Station/{StationID}/{TrainDate}`
  - ??????,????????
  - ?????????????
2. `/v2/Rail/THSR/AvailableSeatStatus/Train/OD/{OriginStationID}/to/{DestinationStationID}/TrainDate/{TrainDate}`
  - ???[??], [???]????????
  - ?????????

“ NOTE: ??? 10, 16, 22 ??