

## 1 Historical GTFS API

The historical GTFS API provides historical GTFS Realtime data. The GTFS Realtime data includes GTFS vehicle position, GTFS trip update and GTFS timetable. Currently, it provides data for Metro and Ferry transport mode.

## 2 Data Structure

Field Name	Data Type	Field Description
<b>transportMode</b>	String	Transport mode Allowed values: <ul style="list-style-type: none"><li>• MET</li><li>• FER</li></ul>
<b>serviceName</b>	String	Service name Allowed values: <ul style="list-style-type: none"><li>• Metro</li><li>• SydneyFerries</li></ul>
<b>schemaType</b>	String	Type of GTFS realtime data Allowed values: <ul style="list-style-type: none"><li>• TripUpdate</li><li>• VehiclePosition</li><li>• Timetable</li></ul>
<b>fromDate</b>	Date	Start date. The date range cannot be more than 90 days.
<b>toDate</b>	Date	End date. The date range cannot be more than 90 days.

## 3 Notes

- The earliest data for Metro is 26 June 2020. TripUpdate and VehiclePosition feed starts from 30 June 2020.
- The earliest data for Ferry is 01 December 2019. TripUpdate and VehiclePosition feed starts from 21 December 2019.

- The response contains URL to download the file. The URL will expire 2 hours after the response.

## 4 Sample Request

```
{
  "transportMode": "FER",
  "serviceName": "SydneyFerries",
  "schemaType": "TripUpdate",
  "fromDate": "2020-10-11",
  "toDate": "2020-10-13"
}
```

## 5 Sample Response

```
{
  "files": [
    {
      "fileDate": 20201011,
      "fileURL":
      "https://tossdvshaodh001.blob.core.windows.net/$web/OpenData/FER/SydneyFerries/2020/10/11/FER_SydneyFerries_TripUpdate_20201011.zip?sv=2018-03-28&sr=b&sig=ewNbDnD%2BZCdAJZVFAPesG8BRQdPAMISuaiqPNx%2FdE9w%3D&st=2021-03-05T05%3A20%3A37Z&se=2021-03-05T07%3A20%3A37Z&sp=r"
    },
    {
      "fileDate": 20201012,
      "fileURL":
      "https://tossdvshaodh001.blob.core.windows.net/$web/OpenData/FER/SydneyFerries/2020/10/12/FER_SydneyFerries_TripUpdate_20201012.zip?sv=2018-03-28&sr=b&sig=5KUz8obLJddr6yFj7u0qyGw6i6fFqsycOgPkOif1rAc%3D&st=2021-03-05T05%3A20%3A37Z&se=2021-03-05T07%3A20%3A37Z&sp=r"
    },
    {
      "fileDate": 20201013,
      "fileURL":
      "https://tossdvshaodh001.blob.core.windows.net/$web/OpenData/FER/SydneyFerries/2020/10/13/FER_SydneyFerries_TripUpdate_20201013.zip?sv=2018-03-28&sr=b&sig=nG0q35g9mQlov%2BzGgP%2Bzew%2BwkqL0k%2BxKhNyuTCO4lg4%3D&st=2021-03-05T05%3A20%3A37Z&se=2021-03-05T07%3A20%3A37Z&sp=r"
    }
  ],
}
```

```
"requestdetails": {  
  "fromdate": "2020-10-11",  
  "schematype": "TripUpdate",  
  "servicename": "SydneyFerries",  
  "todate": "2020-10-13",  
  "transportmode": "FER"  
}  
}
```