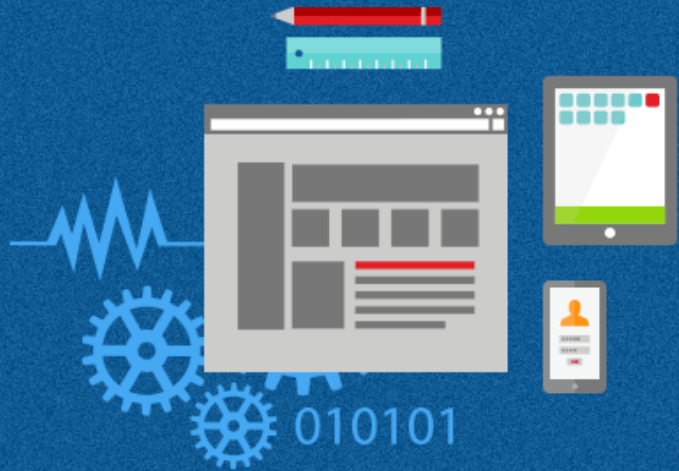


Sabre

**SABRE
APIs**



Developer Administration Guide

**Market Fare View
Custom View**

Grouped Itinerary Response XML Schema
Version 5.4.0

January 2021

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Getting Started

1.1 Introduction

The objective of Market Fare View Custom (MFV) is to deliver a complete set of *Sabre Air Shopping* results for a customer-defined set of requirements (shopping basket).

The scope of the data delivered via MFV includes itineraries generated on behalf of the customer by shopping backend systems based on customer-specific criteria e.g. a list of origin-destination pairs (market), advance purchase days (AP), lengths of stay (LOS), airlines, types of fares, passenger types, cabin classes, and more. The data is delivered based on specific shopping schedule (refresh frequency), which can be differentiated based on different criteria; for example, rank of markets, number of advance purchase days, and lengths of stay.

1.2 About This Guide

The purpose of this document is to describe how Market Fare View Custom works and provide details on how to consume the feed. This document also provides details on the recommended message structure. Each chapter is as follows:

- Chapter 1, “Getting Started” explains the purpose of the document, benefits, and details critical information.
- Chapter 2, “Message Structure” contains details about the message structure.
- Chapter 3, “Set-Up Process” contains the set-up process.

1.3 Benefits

Market Fare View Custom provides data exactly tailored to the customer needs in terms of its scope, delivery format, and method. The data is shopped proactively based on custom requirements, which may include incorporation of private fares or other unique shopping criteria; therefore, the product is often used to supplement the data delivered via MFV Crowd-Sourced; for example, when the customer requires inclusion of private fares or a higher coverage of Business and First class data.

The data is provided for the customer, which prevents the customer from having to make numerous calls to Sabre.

1.4 Customer Identification

This service can be used by:

- *Sabre Dev Studio* subscribers.
- *Sabre Travel Network*® customers.
- Third-party customers.

1.5 Scope of Data

Market Fare View Custom data is delivered according to the criteria defined by the customer, which may include a combination of the following capabilities:

- Pro-active shopping data.
- Data from the following Point of Sale countries: US, CA, AD, AT, BE, CY, DE, ES, FI, FR, GR, IE, IT, LU, MC, MT, NL, PT, SI, SK, SM, AU, CN, ID, IN, JP, KR, MY, NZ, PH, SG, TH, TW, VN, AR, BR, CL, CO, MX, PE, VE, BG, CH, CZ, DK, EE, GB, HU, ME, NO, PL, RO, RU, SB, SE, TR, UA, XU, EG, IL, ZA.

Note For the US point of sale, unincorporated territories or insular areas of the US (such as Puerto Rico and Virgin Islands) are excluded.

- Round-trip or one-way journeys.
- Different passenger types.
- Published or private fares.
- Economy, Premium Economy, Business, and First cabin class fares.
- Different combinations of advanced purchase days and lengths of stay.

Due to the nature of the infrastructure that produces the data, no currency conversion or data deduplication is done- every shopping request and response pair is handled separately.

The data is filtered out and sorted by Sabre to ensure no legal and/or contractual bindings with other parties are violated.

1.6 Data Transfer

Depending on the selected data delivery method, the data is either sent using HTTPS to an endpoint on the customer side or the data can be pushed/pulled over a file transfer protocol (sFTP).

2.1 Introduction

The Grouped Itinerary Response (GIR) XML message format is a recommended Market Fare View Custom data format.

An example of [Grouped Itinerary Response XML](#) message version 5.4.0 is available on Sabre Dev Studio. The format provides greater efficiencies in the XML structure of results, because it eliminates duplication of data elements. In the GIR message, repetitive data elements (such as schedules, tax, and fare components) are grouped and referenced in itineraries.

This chapter includes high-level elements and descriptions.

2.2 XML Elements

Following are descriptions of high-level XML elements available in GIR:

Element	Description
GroupedItineraryResponse/ScheduleDesc	Schedule dictionary located at the top of the response, referenced with an ID and used to build legs (LegDesc section).
GroupedItineraryResponse/TaxDesc	Tax dictionary located at the top of the response, referenced with an ID and used to build itineraries (Itinerary section).
GroupedItineraryResponse/FareComponentDesc	Fare component dictionary located at the top of the response, referenced with an ID to build itineraries (Itinerary section).
GroupedItineraryResponse/ValidatingCarrierDesc	Validating carrier dictionary located at the top of the response, referenced with an ID to build itineraries (Itinerary section).
GroupedItineraryResponse/LegDesc	Legs with schedules (segments) referenced.
GroupedItineraryResponse/ItineraryGroup/GroupDescription	Information about departure date, departure location, and arrival location.
GroupedItineraryResponse/ItineraryGroup/Itinerary	Flight itinerary with references to dictionaries from the top of the message.

GIR XML messages are compressed with gzip and forwarded to the client's endpoint.

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Set-Up Process

3.1 Introduction

This chapter includes the set-up process for customers.

3.2 Using the Set-Up Process

The set-up process depends upon the agreed data delivery method. Examples are as follows:

- SFTP (see this page).
- HTTPS (see this page).

3.2.1 SFTP

1. The customer provides the connectivity details in one of the EFG data collectors below (use PUSH if customer wants the data pushed to their server; use PULL if customer wants to pull the data from Sabre server).



EFG_Data_Collector
_PUSH.docx



EFG_Data_Collector
_PULL.docx

2. For PULL mode, Sabre supplies sFTP accounts for non-PROD and PROD environments.
3. For PULL mode, the customer performs validation testing on both environments.
4. For PUSH mode, Sabre supplies public keys if this authentication method is selected and performs validation testing on both environments.

3.2.2 HTTPS

1. The customer supplies the following information for non-PROD and PROD environments:
 - Contact data.
 - HTTPS endpoints including security details.
2. Sabre provides origin IPs and asks consumer to open firewalls (if applicable).

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