Randomization of Validating GSA Carrier Selection

<table>
<thead>
<tr>
<th>Product Advisory number:</th>
<th>3533</th>
</tr>
</thead>
<tbody>
<tr>
<td>Version:</td>
<td>03</td>
</tr>
<tr>
<td>Effective date:</td>
<td>Load of Randomization Code: 02-Feb-19 21:00 EST 02:00 (03-Feb) GMT</td>
</tr>
<tr>
<td></td>
<td>Load of Informational Message: 04-May-19 21:00 EDT 02:00 (05-May) BST</td>
</tr>
<tr>
<td>High level description:</td>
<td>Travelport is enhancing its GSA selection process when determining a validating carrier where more than one GSA carrier qualifies as the validating carrier for the same pricing solution.</td>
</tr>
<tr>
<td>Impact summary:</td>
<td>Effective 05-May-19: When multiple GSA carriers return identical solutions and the validating GSA carrier has been randomly selected, a new advisory message will be returned in the pricing response screen with the alternate GSA carriers.</td>
</tr>
<tr>
<td>Reason for issue:</td>
<td>New Load to Production date for the Informational Message and an update to the Detail and Customer Example section.</td>
</tr>
<tr>
<td>Impacted customers:</td>
<td>☒ Agency customers ☒ Airline customers</td>
</tr>
<tr>
<td></td>
<td>☒ eCommerce customers ☐ Car, hotel, rail or cruise customers</td>
</tr>
<tr>
<td>System:</td>
<td>☒ Travelport Galileo</td>
</tr>
<tr>
<td></td>
<td>☒ Travelport Apollo</td>
</tr>
<tr>
<td></td>
<td>☒ Travelport Worldspan</td>
</tr>
<tr>
<td>Load to pre-production:</td>
<td>26-Apr-19 21:00 EDT 02:00 (27-Apr) BST</td>
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<tr>
<td>Web services: (API and Messaging)</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Issue history:</td>
<td>Version 01 issue date: 26-Nov-18</td>
</tr>
<tr>
<td></td>
<td>Version 02 issue date: 11-Feb-19</td>
</tr>
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<td></td>
<td>Version 03 issue date: 11-Mar-19</td>
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</table>
Overview

Travelport is enhancing its GSA selection process when determining a validating carrier where more than one GSA carrier qualifies as the validating carrier for the same pricing solution.

Customer benefit

Ensures GSA selection is unbiased

Detail and customer examples

For customers activated to the enhanced validating carrier logic (RVCL), Travelport is enhancing its GSA selection process when determining a validating carrier where more than one GSA carrier qualifies as the validating carrier for the same pricing solution.

Currently for customers activated to RVCL, when multiple validating GSA carriers return the same pricing solution, processing selects the first GSA carrier from the alphabetically ordered list. With this enhancement, processing will randomly select the validating GSA carrier to ensure the selection is unbiased. Randomization is done on a daily basis, changing at midnight local time, thereby ensuring the same randomized GSA carrier is selected throughout the day.

Travelport Worldspan RVCL Lite Customers

For Travelport Worldspan customers who have opted out of RVCL and are activated to RVCL Lite, the validating carrier is selected before the pricing process. Currently, when there are no valid marketing carriers but there are multiple valid GSA carriers having an agreement, processing selects the first GSA carrier from the alphabetically ordered list. With this enhancement we will first consider the GSA carriers associated to the marketing carrier that would normally have been select but failed the validating carrier checks. If that marketing carrier has multiple GSA agreements, then the one validating GSA carrier sent to pricing will be selected randomly.

The marketing carrier is selected for plating based on the following:

If the journey is:
- Wholly within a country, or
- Wholly between Canada and the USA, or
- Wholly within the area comprising Denmark, Norway and Sweden

The default validating carrier is the marketing carrier supplying the first sector (first coupon) of transportation.

For all other journeys:
- Where travel involves transport between Area 1 and Area 3 via Area 2
  The default validating carrier is the marketing carrier supplying the first transatlantic transportation.

- Where travel involves transportation between IATA Traffic Conference (TC) Areas
  The default validating carrier is the marketing carrier that supplies the first transportation between Traffic Conference (TC) areas.

- Where travel involves transportation wholly within an IATA TC Area
  The default validating carrier is the marketing carrier that supplies the first transportation between IATA sub areas.

- Where travel involves transportation wholly within a single IATA Sub Area
  The default validating carrier is the marketing carrier that supplies the first international sector.
Example #1
With this example, since the marketing carriers have failed the validating carrier checks there are only GSA carriers remaining. The selection of the GSA carrier will be based on the marketing carrier that would normally have been selected as the validating carrier. Since the journey is entirely domestic, the GSA carrier who has an agreement with the marketing carrier providing transportation on the first sector will be selected as the one GSA validating carrier sent to pricing.

Carrier XX would be selected as it is providing the first sector of transportation. Carrier XX has only one GSA agreement with carrier ZZ, so carrier ZZ would be selected as the validating GSA carrier.

Both marketing carriers on the itinerary, XX and YY, fail the validating carrier checks. Each of the marketing carriers have GSA agreements.
  - Marketing Carrier XX has a GSA agreement with ZZ
  - Marketing Carrier YY has GSA agreements with GG & ZZ

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1.XX 202Y 25JAN FR HKTBKK HK1 1005A 1135A/0 E
2.YY 273Y 30JAN WE BKKHKT HK1 1225P 1355P/0 E
```
Example #2
With this example, since the marketing carriers have failed the validating carrier checks there are only GSA carriers remaining. The selection of the GSA carrier will be based on the marketing carrier that would normally have been selected as the validating carrier. Since the journey includes both domestic and international sectors, the GSA carrier who has an agreement with the marketing itinerary carrier providing transportation on the first international sector will be selected as the GSA validating carrier.

Carrier ZZ would be selected as the marketing carrier providing transportation on the first international sector. Carrier ZZ has GSA agreements with multiple carriers - YY and QQ. The validating GSA carrier will be randomly selected from these two GSA carriers.

Both marketing carriers on the itinerary, ZZ and XX, fail the validating carrier checks. Carrier ZZ has multiple GSA agreements, carrier XX has none.

- Marketing carrier ZZ has GSA agreements with YY and QQ

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**1:1SMARTPOINT/TRAVEL*ADT**
1 ZZ23848Q 23MAR SA MANJFK HK1 1130A 255P/0
2 XX1363Q 23MAR SA JFKEA HK1 655P 1025P/E
3 XX 612G 30MAR SA SEALAS HK1 810A 1040A/E
4 Z22925Q 30MAR SA LASMAN HK1 255P 855A#1/0

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**Travelport Smartpoint**

>WP(
PRN PRICED ON 19NOV FOR IKTG ON 19NOV
* NONREF/NO REBOOKING AFTER DEP
* PRICING RULES VALIDATING CARRIER DEFAULT YY
** 23MAR DEPARTURE DATE/ 22NOV IS LAST DATE TO TICKET
** TICKETING WITHIN 72 HRS AFTER SEGMENT SELL REQUIRED **
* FARE MAY CHANGE UNLESS TICKETED *
1GBP/1.286559USD

<table>
<thead>
<tr>
<th>TICKET</th>
<th>BASE GBP</th>
<th>EU USD</th>
<th>TX/FEE USD</th>
<th>TKT TTL USD</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADT01</td>
<td>613.00</td>
<td>789.00</td>
<td>196.73</td>
<td>985.73</td>
</tr>
<tr>
<td>*TTL</td>
<td>613.00</td>
<td>789.00</td>
<td>196.73</td>
<td>985.73</td>
</tr>
</tbody>
</table>

FBC ADT QLRAHITAS*QANTAS
ADT MAN ZZ X/HVX XX SE317.15XX X/LAS ZZ MAN483.57NOC080.72END
ROE.786181 OF YY JFKE4.5SE4.5LAS4.5
TX 5.77YD 7.00XY 36.60US 3.96XA 11.20AY 100.40GB 18.30UB
13.50XF
New Advisory Message in Pricing Response
When multiple GSA carriers return identical solutions and the validating GSA carrier has been randomly selected, a new advisory message will be returned in the pricing response screen with the alternate GSA carriers. Although the randomization will occur for both RVCL valid pricing and shopping entries, this new message will only be returned for pricing entries.

Travelport Worldspan
ALTERNATE VALIDATING GSA CARRIERS: XX YY ZZ

Travelport Apollo and Travelport Galileo
ALTERNATE PLATING GSA CARRIERS: XX YY ZZ

This new advisory message will not be returned to customers who have opted out of RVCL, as there is only one validating GSA carrier sent to pricing.

**Due to the 90 days notification requirement, this new advisory message will load to Production on 05-MAY-19.**

The advisory message will only be returned for the following pricing entries:

**Travelport Galileo**
Fare Quote - FQ
Best Buy – FQBB, FQBA, FQBC
Historical Pricing – FQ.Tdate, FQ.Hdate, FQ.Bdate, FQBB.Tdate, FQBB.Hdate,etc.
FQA

**Travelport Apollo**
Fare Quote - $B
Stored Fare Quote – T:$B
Best Buy - $BB, $BBA, $BBC, $BB0
Historical Pricing – $B.Tdate, $B.Hdate, $B.Bdate, $BB.Tdate, $BB.Hdate,etc.

**Travelport Worldspan**
Demand Pricing Entries - 4P and 4P*
Stored Fare Quote - 4PQ
Historical Pricing - 4P#TDDMMM, 4PHIST#DMMYY, 4P#BDDMMYY, etc.
Low Fare Finder - 4PLF, 4PLFQ, 4PLFB
User Supplied Itinerary Pricing - $A
Advisory Message Example – Travelport Apollo

In the below itinerary, marketing carrier XX fails the validating carrier checks. Carrier XX has GSA agreements with carrier YY and XX who pass the validating carrier checks. Both GSA carriers (YY and ZZ) return the same pricing solution for the below itinerary.

The enhanced logic will now randomly select the validating GSA carrier. The advisory message will include the alternate GSA carriers that provided same pricing solution.
**Advisory Message Example – Travelport Galileo**

In the below itinerary, marketing carrier YY fails the validating carrier checks. Carrier YY has GSA agreements with carriers XX and ZZ who pass the validating carrier checks. Both GSA carriers (XX and ZZ) return the same pricing solution for the below itinerary.

The enhanced logic will now randomly select the validating GSA carrier. The advisory message will include the alternate GSA carriers that provided same pricing solution.
Advisory Message Example – Travelport Worldspan

In the below itinerary, marketing carrier YY fails the validating carrier checks. Carrier YY has GSA agreements with carriers XX and ZZ who pass the validating carrier checks. Both GSA carriers (XX and ZZ) return the same pricing solution for the below itinerary.

The enhanced logic will now randomly select the validating GSA carrier. The advisory message will include the alternate GSA carriers that provided same pricing solution.

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Advisory Message Example – Travelport Worldspan

In the below itinerary, marketing carrier YY fails the validating carrier checks. Carrier YY has GSA agreements with carriers XX and ZZ who pass the validating carrier checks. Both GSA carriers (XX and ZZ) return the same pricing solution for the below itinerary.

The enhanced logic will now randomly select the validating GSA carrier. The advisory message will include the alternate GSA carriers that provided same pricing solution.

Travelport Smartpoint
Glossary

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
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<tbody>
<tr>
<td>ARC</td>
<td>Airline Reporting Corporation</td>
</tr>
<tr>
<td>BSP</td>
<td>Bank Settlement Plan</td>
</tr>
<tr>
<td>GSA</td>
<td>General Sales Agent. A carrier may not have BSP approval, but may have an agreement with an airline, that does have BSP approval, to issue tickets on their stock. This relationship is referred to as a General Sales Agent agreement.</td>
</tr>
<tr>
<td>RVCL</td>
<td>Rewrite Validating Carrier Logic or Enhanced Validating Carrier Logic – this logic considers multiple validating carriers for all pricing/shopping responses.</td>
</tr>
<tr>
<td>RVCL Lite</td>
<td>Travelport Worldspan agency customers that have opted out of RVCL. This logic considers one validating carriers for all pricing/shopping responses.</td>
</tr>
<tr>
<td>Validating Carrier</td>
<td>The carrier whose ticket stock was used to issue the ticket. This carrier is commonly the holder of the money for the ticket. Also called plating carrier.</td>
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