



Release Notes: Release Ready

SabreSonic CSS Digital Connect

Version 4.2.2

Software Version 4.2.2

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Introduction

1.1 Document Overview

This document contains release notes information for *SabreSonic*[®] *CSS Digital Connect* Release 4.2.2. Read this document so that you are aware of changes to the solution.

1.2 Release Identification

Release Version	Type (Version, Update, or Patch)	Date	Approved By	Description of Change
4.2.2	Maintenance	March 2020	Rafał Holub, Michał Gofroń	Software updated.

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Defect Fixes

2.1 Summary of Defects

The following sections explain more detail about the defects.

- [Ability to make Round Trip to One Way Exchange](#)
- [Ability to select refund to Credit Card/Original Form of Payment or Travel Bank](#)
- [Profile Retrieval with AuxillaryID](#)
- [Usage of Travel Bank funds across Exchange and partial EMD refunds](#)

2.2 Ability to make Round Trip to One Way Exchange

<p>JIRA #:</p> <p>DC-9028</p>
<p>Title:</p> <p>Ability to make Round Trip to One Way Exchange</p>
<p>Description:</p> <p>To offer better experience in Manage Your Booking: Change Itinerary (MYB: CI) flow to customers, <i>Digital Connect</i> enables VCR Exchange from Round Trip (RT) journey type to One Way (OW) journey type, i.e.:</p> <ul style="list-style-type: none"> • exchange outbound or inbound only • ability to keep currently selected leg (if shopping response contains this itinerary) or shop new.
<p>Resolution:</p> <p>The following API change has been applied:</p> <ul style="list-style-type: none"> • 'Itinerary' enum has been added for the allowed exchange type: <ul style="list-style-type: none"> ◦ POST /v4.2/pnr/exchange/products/air/searchexchangeType (string): <ul style="list-style-type: none"> – Specifies an exchange type. – = ['inbound', 'outbound', 'both', 'segment', 'itinerary'],

2.3 Ability to select refund to Credit Card/Original Form of Payment or Travel Bank.

<p>JIRA #:</p> <p>DC-8607</p>
<p>Title:</p> <p>Ability to select refund to Credit Card/Original Form of Payment or Travel Bank</p>

Description:

Digital Connect has been required to ensure:

- Capability for passengers to be able to choose which form of refund (of VCR and/or EMD) is their expected one in Cancel and Refund Flow – Original Form(s) of Payment (OFOP), or Travel Bank (BT).
 - This requirement does not apply to "REFUND TO VOUCHER ONLY SCENARIO".
 - This applies to a situation when refund target from AER is OFOP.
 - In case of ancillaries it is possible to set refund target to Travel Bank.
 - It is either all Travel Bank, or all according to AER – there is no switch for certain items.
- Capability for Airlines to refund only VCR(s) or VCR(s) and EMD(s) based on internal business rules of Airline.

The functionality affects the Manage Your Booking – Cancel and Refund flow.

Resolution:

The following has been modified:

- GET /pnr/cancelAndRefund/cancel service:
 - Ability to refund VCR(s) only.
 - Additional URL parameter named shouldRefundEmd
 - possible values: true | false
 - Additional URL parameter named preferredRefundTarget
 - possible values: CREDITCARD | TRAVELBANK
- Configuration determining if an alternative form of refund is expected in the response.
- Refund to original forms of payment (schema remains the same).
- Refund to Travel Bank – additional information in schema. Refund target is marked only on reservation level, not at the document level.
- /pnr/cancelAndRefund/confirm
 - Option in POST service to indicate that all funds has to be refunded into Travel Bank has been provided.

2.4 Profile retrieval with AuxillaryID

JIRA #:

DC-8551

Title:

Profile retrieval with AuxillaryID

Description:

Today, *Digital Connect* uses ID named uniqueID inProfileRead RQ and does not support auxillaryID which is used by some Airlines for their customers' profiles. To enable the usage of the latter, the necessary changes include:

- adjustment of ProfileReadRQ to send proper ID to retrieve the profile
- sending a modified request to retrieve ancillaries and seats with proper tier level.

Resolution:

The following configuration changes have been applied:

- New properties to specify type of ID used to retrieve profile and type of code
 - gds.sabre.ws.profile.id.type = "UniqueID" / "AuxiliaryID"
 - gds.sabre.ws.profile.id.type.code = "LANPASS"

2.5 Usage of Travel Bank funds across Exchange and partial EMD refunds

<p>JIRA #: DC-8606</p>
<p>Title: Usage of Travel Bank funds across Exchange and partial EMD refunds</p>
<p>Description: <i>Digital Connect</i> has been required to provide capability to:</p> <ul style="list-style-type: none"> • Refund ancillaries from the exchanged leg to TravelBank (BT). • Use those funds in the /purchase call to be able to pay for fare difference or change fee.
<p>Resolution: The solution is provided by means of:</p> <ul style="list-style-type: none"> • PUT /products calculates refund of ancillaries to be then displayed by /paymentOptions service. The information about any refunded ancillary is kept throughout session. • Exchange purchase flow changes: <ul style="list-style-type: none"> ◦ Refund of ancillaries to Travel Bank funds to cover fare difference and change fee, and/or any other items from the Exchange flow. Requires partial EMD refund. ◦ Payment authorization and Exchange of Virtual Coupon Record. ◦ Purchase of any new ancillaries/seat.

2.5.1 Exchange when user is or is not logged-in depending on the used (in B2C) and the target Form of Payment.

B2C	Exchange: user is logged-in before PUT /products			Exchange: user is not logged-in
	CC	BT	BT/CC	CC
CC	<p>When user is logged in:</p> <ul style="list-style-type: none"> • Enforce partial ancillary refund to the BT. • Add collect total amount is charged from CC. • Assumption: BT always exists/ is created by LAXP. • If BT account does not exist, DC enforces BT creation and linking to existing CI account. 	<p>When user is logged in:</p> <ul style="list-style-type: none"> • Refund to BT. • Add collect charged from BT. • Refunded amount deducted in PaymentRQ. 	<p>When user is logged in:</p> <ul style="list-style-type: none"> • Refund to BT. • Add collect amount charged according to payment data in purchase request (CC and BT or CC only or BT only). 	<p>When user is NOT logged in:</p> <ul style="list-style-type: none"> • Refund of ancillaries to the original CC. • Add collect total amount charged from CC.

B2C	Exchange: user is logged-in before PUT /products			Exchange: user is not logged-in
BT	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund to BT. • Add collect total amount is charged from CC. 	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund to BT. • Add collect charged from BT. • Refunded amount deducted in PaymentRQ. 	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund to BT. • Add collect amount charged according to payment data in purchase request (CC and BT or CC only or BT only). 	When user is NOT logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Add collect total amount charged from CC. • We need to enforce user to log in and call PUT/products again.
BT/CC	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund everything to BT. • Add collect total amount is charged from CC. 	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund everything to BT • Add collect charged from BT. • Refunded amount deducted in PaymentRQ 	When user is logged in: <ul style="list-style-type: none"> • Has to be the same BT account as the one used in B2C. • Refund to BT. • Add collect amount charged according to payment data in purchase request (CC and BT or CC only or BT only). 	When user is NOT logged in: <ul style="list-style-type: none"> • Refund everything to BT no matter how much was paid using CC in original booking (enable configuration). • Add collect total amount charged from CC. • We need to enforce user to log in and call PUT/products again.

Configuration changes

3.1 New configuration properties with settings.

Configuration changes for LA – new properties with settings required for LA.

- Partial exchange with Travel Bank
 - @Description("Change the order of AER processing during exchange purchase when Travel Bank is used as FOP. We refund all EMDs prior to the VCR so that we can use the refunded amount to pay for the exchange fee.")
 - @DefaultValue("false")
 - refundEMDPriorToVCR.enabled = true

- Cancel and refund
 - @Description("Enable/Disable shouldRefundEmd forwarded in URL api is allowed.")
 - @DefaultValue("false")
 - sat.cancelRefund.preferredRefundTarget.usageAllowed = true

 - @Description("Enable/Disable preferredRefundTarget forwarded in URL api is allowed.")
 - @DefaultValue("false")
 - sat.cancelRefund.shouldRefundEmd.usageAllowed = true

- Profiles
 - @Description("Specify type of ID used to retrieve profile by frequent flyer number.")
 - @DefaultValue("UniqueID")
 - gds.sabre.ws.profile.id.type = "AuxiliaryID"

 - @Description("Specify type code of ID used to retrieve profile by frequent flyer number.")
 - @DefaultValue("")
 - gds.sabre.ws.profile.id.type.code = LANPASS"

 - @Description("The switch controls whether to include tier number in requests with loyalty account. If value is set to true, tier number is included.")
 - @DefaultValue("true")
 - gds.sabre.ws.profile.includeTierNumber = false

 - @Description("If set to true, each of the FF numbers is sent in GetAncillaryOffers.")
 - @DefaultValue("false")
 - shopping.ancillaries.booking.preservePaxFFNumber = true

- Converting RT to OW
 - No new configurations.

3.2 The LA-dedicated values

In order to make profiles work *Digital Connect*, is required to set up below properties accordingly. They already exist in DC.

The dedicated values are as follows:

- "gds.sabre.ws.profile.tierLevels": "15:GOLD PLUS * RUBY,05:BLACK SIGNATURE * EMERALD,04:BLACK * EMERALD,03:PLATINUM * SAPPHIRE,02:GOLD * RUBY,01:LATAM"
- "gds.sabre.ws.profile.abbreviatedTierLevels":
"15:GLP/RBY,05:SIG/EMD,04:BLK/EMD,03:PLT/SPH,02:GLD/RBY,01:LTM"
- "gds.sabre.ws.pnr.tierLevels":
"15:GLP/RBY,05:SIG/EMD,04:BLK/EMD,03:PLT/SPH,02:GLD/RBY,01:LTM"