



# Release Notes: Release Ready

SabreSonic CSS Digital Connect Check-  
In REST Services

Version 3.1.4

## **Software Version 3.1.4**

### **Document Edition 1.0 (August 2020)**

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# Introduction

## 1.1 Document Overview

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This document contains release notes information for *SabreSonic CSS Digital Connect Check-In REST Services*® Release 3.1.4. Read this document so that you are aware of changes to the solution.

## 1.2 Release Identification

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Release Version	Type (Version, Update, or Patch)	Date	Approved By	Description of Change
3.1.4	Version	28 August 2020	Grzegorz Kurek, Rafal Holub	Software updated

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# Release Features

## 2.1 Summary of Features

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*Digital Connect Check-In* is introducing new features and enhancements in the following areas:

- [Supporting Day of Travel Contact](#)
- [Bag Pooling for the Community](#)

The following sections explain more details about the new items.

### 2.1.1 Supporting Day of Travel Contact

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*Digital Connect Check-In* introduces the possibility to store day-of-travel contact information for all Passengers in order to let the Airlines communicate with the Passengers at the time of flight disruptions.

Agents and/or Passengers are prompted to collect day-of-travel contact information during the check-in flow for all Passengers. Such information is also displayed in the Passenger Details screen under Customer Contact title. Specifically, a mobile phone number is collected with consent to send text messages, and/or an email address to send notifications in the event of travel disruptions.

**Note** The Passenger can refuse providing contact details and this information is stored in the PNR.

#### **Prerequisites**

None

#### **Limitations**

None

#### **Configuration**

None

#### 2.1.1.1 Storing and Retrieving Day of Travel Contact Details

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*Digital Connect Check-In* introduces the possibility to store and retrieve Passenger's contact data such as phone number and email address which can be used to contact the Passenger if needed.

The email address and phone number are supported on both reservation level and Passenger's level. In order to contact a Passenger via Short Message Service (SMS), Passenger's permission is necessary.

**Note** The Passenger can reject providing the contact data.

#### **Prerequisites**

None

#### **Limitations**

None

## Configuration

None

### 2.1.2 Bag Pooling for the Community

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*Digital Connect Check-In* introduces the possibility to use the baggage allowance in the most efficient way for the group of Passengers trying to check in together.

The group of Passengers can create baggage pool using all allowance they are entitled to and cover with that as many bags as possible. The Passengers creating baggage pool share their allowance, entitlements, and charges for each baggage calculation.

#### Prerequisites

None

#### Limitations

- The functionality is available for the Passengers in a single reservation.
- The functionality is limited to a reservation with up to nine (9) Passengers.

#### Configuration

None

#### 2.1.2.1 Baggage pool reconstruction for the /baggage/price service

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When a baggage pool of few Passengers is already created, it might happen that one Passenger (or more) which belongs to the baggage pool wants to check-in the additional baggage. In such case the additional baggage is charged in the context of whole baggage pool, not only the requesting Passenger. Due to the baggage pool rules it might happen that the Passenger already donated their free baggage allowance or pre-paid AE to another Passenger. The baggage charge calculator needs to be aware of that.

Because of that when the /baggage/price service is used *Digital Connect Check-In*:

- validates whether the requested Passenger belongs to the existing baggage pool
- retrieves details about other Passengers in this pool.

The details related to all Passengers who belong to the pool are sent to the baggage calculator. Based on those rules the price of the additional baggage is calculated.

#### Prerequisites

Baggage pool functionality needs to be enabled on the Airline level.

#### Limitations

- The baggage pool can be created only for Passengers within the same reservation.
- The baggage pool functionality is available only for the reservation containing up to nine (9) Passengers.



## Configuration

Property Name	Description	Default Value	Required Value	Possible Values
s4ci.feature.baggage.pool.enabled	Determines whether the baggage pool is supported or not	false	true	true/false

### 2.1.2.2 Making segment details independent from airport systems

As an orchestration layer *Digital Connect Check-In* returns information in the `/passenger/details` service basing on different systems and domains. Information related to the segment is based on the details retrieved from the airport systems as the most accurate at time of check-in.

Unfortunately, there are the situations when the airport systems are not able to return detailed information about the segment, e.g. for the segments operated by non-hosted segments. Missing this information makes the `/dcc/passenger/details` response incomplete and that is why *Digital Connect Check-In* is not able to return the information about such segment.

To avoid this inconvenience *Digital Connect Check-In* builds the segment details basing on the available source. In case of lack detailed information from the airport systems *Digital Connect Check-In* relies on the PNR details regarding the segment.

#### Prerequisites

None

#### Limitations

None

#### Configuration

Property Name	Description	Default Value	Possible Values
s4ci.feature.passengerDetails.returnedSegmentsRules	<p>Defines a set of rules used to populate segments that are returned in the reservation.</p> <ul style="list-style-type: none"><li>When set to ALL, then all active segments from the PNR are returned.</li><li>When set to PNR_BASED, then the segments from the PNR starting with a first hosted segment are returned. Error is returned when there is no hosted segment found.</li><li>When set to SSCI_BASED, then the check-in related segments are returned. Error is returned when there is no hosted segment found.</li></ul>	SSCI_BASED	ALL, PNR_BASED, SSCI_BASED

### 2.1.2.3 Returning additional checked-in bags details based on the downline service response

*Digital Connect Check-In* returns more details about the already checked-in bags. Therefore, the following information is added to the `/dcc/passenger/details` service:

- List of bag tag types (e.g. heavy, damaged)
- Bag pool id

- Bag charges details:
  - FreeBagAllowance flag
  - AeItemRelatedData

**Prerequisites**

None

**Limitations**

None

**Configuration**

Property Name	Description	Default Value	Required Value	Possible Values
s4ci.feature.baggage.update.returnBagTagTypeList	Indicates whether the bag type list is to be returned in the baggage/update and the passenger/details responses	false	true	true/false

**2.1.2.4 Extending the baggage route details in the /passenger/details service**

*Digital Connect Check-In* returns additional details related to the baggage route in the /dcci/passenger/details service. Those details are important for the baggage check-in process and contain the following information:

- Baggage short check reason - information why the baggage cannot reach its destination
- Indicator that both origin and destination need to be provided when issuing the bag tag
- Baggage embargo for the segment.

**Prerequisites**

None

**Limitations**

None

**Configuration**

Property Name	Description	Default Value	Required Value	Possible Values
s4ci.feature.passengerDetails.baggageRouteRequired.enabled	Determines whether the baggageRouteRequired indicator (if applicable) could be returned or not. When returned as true, then the complete baggage route information has to be provided in the /baggage/checkin request.	false	true	true/false

### 2.1.2.5 Validation in the /baggage services to block unpooled usage

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Baggage pool approach impacts all features related to the baggage calculation and the baggage check-in. The baggage pool functionality is a feature controlled on the Airline level and cannot be enabled/disabled on the level of a point of sale. That is why *Digital Connect Check-In* needs to ensure that all baggage services are used correctly when the baggage pool functionality is enabled.

The baggage pool is created when the bags are checked-in together. To ensure that the same set of bags are priced and checked-in, *Digital Connect Check-In* introduces a new validation at the moment of baggage check-in.

The baggage check-in request is rejected when:

- The Passengers who priced their bags are not present in the baggage check-in request
- The number of bags for the Passengers is different than number of priced bags.

#### **Prerequisites**

None

#### **Limitations**

None

#### **Configuration**

None

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## Defect Fixes

### 3.1 Summary of Defects

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The following *Digital Connect Check-In* defects have been fixed for this release.

#### 3.1.1 Error Occurred When Displaying the Ancillaries in the PNR

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<b>JIRA #:</b> CSSDC-1655	<b>iCRM#:</b> N/A
<b>Description:</b> In some cases "SE NN1" brand was retrieved from SSR from PNR GetReservation response, which caused issues in some other services. The value in this format sent to QueryAncillaries caused schema validation error.	
<b>Resolution:</b> Retrieving brand from SSR from PNR GetReservation response was enhanced to properly handle all cases.  Now only "SE" is retrieved.	
<b>Programs/Modules Affected:</b>  /ancillaries/offers	

#### 3.1.2 Outdated Air Extra Data Returned After Cancelling the Bundle

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<b>JIRA #:</b> CSSDC-1576	<b>iCRM#:</b> N/A
<b>Description:</b> The outdated Air Extras (AE) data were returned even if the bundle they were related to was deleted by the /ancillaries/cancel service.	
<b>Resolution:</b> It has been fixed by enhancing the clearing of dependency elements related to the bundle in the <i>Digital Connect Check-In</i> response.	
<b>Programs/Modules Affected:</b>  /ancillaries/cancel	