



# Release Notes: Release Ready

SabreSonic CSS Digital Connect Check-In REST Services

Version 3.1

## **Software Version 3.1**

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

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# Introduction

## 1.1 Document Overview

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This document contains release notes information for *SabreSonic*<sup>®</sup> *CSS Digital Connect Check-In REST Services* Release 3.1. 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	Version	21 April 2020	Grzegorz Kurek, Joyce Schofield	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:

- [Allowing passenger to voluntary standby on another flight](#)
- [Exposing standalone the /passenger/eligibility service](#)

The following sections explain more details about the new items.

### 2.1.1 Allowing passenger to voluntary standby on another flight

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In some situations, a passenger might want to travel on the other flight than originally booked in the reservation. There might be multiple reasons including the following:

- a passenger is not able to attend the booked flight and wants to fly a bit later
- a passenger does not want to wait for the booked flight and wants to travel earlier.

*Digital Connect Check-In* allows the passengers to voluntary standby on another flight which reaches the same destination as their original segment (first available segment in the reservation). This information is returned to POS so the passenger is able to take an appropriate decision and actions.

The functionality is available for the selected passengers on the selected flights with the following assumptions:

- A voluntary standby is available for the first segment in a reservation.
- All passengers from the reservation are placed on a priority list for the selected flight with a configurable single priority code.
- Accommodation of a passenger from the priority list is out of scope for *Digital Connect Check-In*.
- Adding any benefits for voluntary standby passenger is out of scope for *Digital Connect Check-In*.

#### **Returning eligibility for a passenger (the /passenger/details service)**

The following criteria should be considered whether a passenger is eligible for a voluntary standby or not:

- Brand ID (include/exclude)
- Booking class (include/exclude)
- Origin/Destination (include/exclude, applicable on segment level)
  - Applies to airports, cities, countries
  - Possibility to set as list
- Frequent Flier Tier level

The above criteria are configurable with a default logic stating that all the configured criteria are fulfilled to mark a passenger as eligible for voluntary standby on another flight.

A new eligibility is available on the passenger's segment level with the information that the passenger can voluntarily decide to place themselves on a standby list for another flight.

### **Retrieving the potential flights on which the passenger can standby**

The list of the potential flights on which the passenger can standby is adjustable using *Digital Connect Check-In* configuration and the following criteria are fulfilled:

- Origin and destination are the same as the segment on which the passenger is eligible for voluntary standby.
- Operating/Marketing carrier can be restricted/allowed using the configuration.
- Date/Time range of a 'new flight' is configurable.

**Note** The resulting set of flights is trimmed by the current date/ The flights with a departure date in the past, are not returned.

A passenger/POS should use the separate service for searching 'standby options' since not always the passenger wants to use this option.

Therefore a new stateful service **/passenger/standby/flights** is introduced to use passenger's segment indicator as a request parameter (passengerSegmentIdList) and returns the following details of the flights:

- Marketing/Operating Airline
- Flight number
- Origin and Destination
- Departure DateTime and Arrival DateTime (scheduled)

The following search criteria should be fulfilled:

- Origin and destination are the same as the segment on which the Passenger is eligible for voluntary standby.
- Seats are available in same booking class.
- Operating/Marketing carrier can be restricted/allowed by using the configuration (allowedOperatingAirlineList, allowedMarketingAirlineList).
- Date/Time range of "new flight" is configurable (standby candidate flight window).

### Configurations

- New configuration examples
  - s4ci.feature.standby.flightWindowStart = PT24H (24 hours before the original flight departure time)
  - s4ci.feature.standby.flightWindowEnd = PT-30M (30 minutes after the original flight departure time)
- Default values of the configurations
  - s4ci.feature.standby.flightWindowStart = PT0S (window starts at the time of the original flight departure time)
  - s4ci.feature.standby.flightWindowEnd = PT-48H (window starts 48 hours after the original flight departure time)



## **Adding a passenger to a standby list on the desired flight**

When a passenger decides to be placed on a standby list for another flight, the new *Digital Connect Check-In* service is used.

The `/passenger/standby` service places all passengers in the reservation on the selected flights standby list with the pre-configured priority code.

When the passengers are placed on the passenger list, the additional segment is returned in the `/passenger/details` service.

### Configuration

The following is the configuration that defines `priorityCode` used while adding a passenger to the priority list:

```
s4ci.feature.standby.priorityCode.revenue
```

## **2.1.2 Exposing standalone the `/passenger/eligibility` service**

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One of *Digital Connect Check-In* capabilities is a mechanism of 'passenger eligibility'. Whenever a passenger retrieves their reservation details, there is also a section with the details of the allowed or restricted actions.

There are multiple types of eligibility, but the most important one is the information whether the passenger can attempt check-in at a segment or not. Since there are multiple reasons why the passenger should be restricted from check-in, therefore multiple eligibility codes are available for POS including:

- PASSENGER\_DOES\_NOT\_HAVE\_VISA
- SELF\_SERVICE\_CHECK\_IN\_NOT\_AVAILABLE
- CHECK\_IN\_WINDOW\_CLOSED

The idea of this project is to expose a service which returns the information about the restrictions for the passenger to check-in even without retrieving the entire reservation details. It allows building e.g. automated applications which can validate whether a passenger can be already checked-in or notify a passenger about such possibility (e.g. when check-in window is opened, and a passenger has got all required documents already stored in the reservation).

### **Exposing the functionality of Digital Connect Check-In Eligibility as a separate service**

*Digital Connect Check-In* exposes a new stateless service `/passenger/checkin/eligibilities` which can be used to retrieve the information about the passenger's check-in eligibility.

This service also searches for the passenger's details in the same way as the `/passenger/details` service, however the returned details are related only to the passenger check-in eligibility.

The service only informs POS whether the passenger can make a check-in attempt or maybe it is not allowed, and why.

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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.

- [Lookup fails while reading valid fare brand codes stored in the PNR](#)
- [When saving OVPB reason code an internal error is returned](#)

The following sections explain more details about the defects.

#### 3.1.1 Lookup fails while reading valid fare brand codes stored in the PNR

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<b>JIRA #:</b> CSSDC-1393	<b>iCRM#:</b> N/A
<b>Title:</b> Lookup fails while reading valid fare brand codes stored in the PNR	
<b>Description:</b> Application fails on interpreting GYEUIO1350N06NOV as a valid fare brand code.	
<b>Resolution:</b> White-space handling is improved and the way how application reads free text data from the PNR is fixed.	
<b>Programs/Modules Affected:</b> /passenger/details, /baggage/price	
<b>Other Solutions/Systems Affected:</b> External customer	

#### 3.1.2 When saving OVPB reason code an internal error is returned

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<b>JIRA #:</b> CSSDC-1362	<b>iCRM#:</b> N/A
<b>Title:</b> When saving OVPB reason code an internal error is returned	
<b>Description:</b> When logged in with a duty code 8 and adding edit code OVPB with a reason an internal error is returned.	

**Resolution:**

The reason code is saved. No error is returned.

**Programs/Modules Affected:**

/passenger/update

**Other Solutions/Systems Affected:**

External customer