

Certification Audit Report

Hotel-Spider 2017-10 Server

Gold

Organization:	Tourisoft Hotel-Spider
Version:	2017-10 Gold Server
Date of audit:	From 2019-10-09 to 2019-11-19
Location:	Remote - Caldaro
Auditor:	Seppi Ulrich
Customers technical reference personnel:	BM (Hotel-Spider) MB (Hotel-Spider)

General

The audit took place between 09th October and 11th November with the purpose to prove the AlpineBits V2017-10 standard conformity of Hotel-Spider's server endpoint <https://staging.hotel-spider.ch/ota/server.php>. The complete validation process has been executed from remote by accessing the server through dedicated test-software.

In addition to the auditor Seppi Ulrich, also Bohdan Medvediev from Hotel-Spider has participated as internal technical reference persons to clarify questions while the whole audit.

Methodology

Hotel-Spiders AlpineBits server has been tested against all fundamental rules for the supported features and characteristics described by the AlpineBits Standard V2017-10. All functional tests have been executed with a dedicated client software, which permits to invoke test request messages for each single rule and to evaluate their relative responses from the tested server. All XML requests and responses have been validated through the official AlpineBits XSD + RNG files and OTA 2015A XSD files. For the schema validation the official AlpineBits schema validation service <https://development.alpinebits.org/validator/> has been used.

The customer also provided access to his backend application to check the regular treatment of the received messages.

What hasn't been validated

The certification audit doesn't consider following criterias:

- software and hardware stability
- software and hardware security
- request frequency and density

Actions validated

Following action and message types have been validated in order they are listed:

- Housekeeping getCapabilities and getVersion
- OTA_HotelDescriptiveContentNotif:Inventory (Pull)
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans

Server credentials

URL	https://staging.hotel-spider.ch/ota/server.php
Credentials used:	
HotelCode	00W5bd06bf3a5bf4
X_AlpineBits_ClientID	(none)
X_AlpineBits_ProtocolVersion	2017-10

Server supported capabilities

- action_getVersion
- action_getCapabilities
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_deltas
- action_OTA_Read
- action_OTA_HotelDescriptiveInfo_Inventory
- action_OTA_HotelRatePlanNotif_RatePlans
- OTA_HotelRatePlanNotif_accept_ArrivalDOW
- OTA_HotelRatePlanNotif_accept_DepartureDOW
- OTA_HotelRatePlanNotif_accept_RatePlan_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_OfferRule_BookingOffset

List of optional features that have not been implemented

The server does **not** support following features.

- The server does NOT support GZIP
- Supplements
- BaseRates
- Inventory Push actions (action_OTA_HotelDescriptiveContentNotif:Inventory)
- BookingRules on RatePlan-level
(OTA_HotelRatePlanNotif_accept_RatePlan_BookingRule)
- Mixed BookingRules (RatePlan and Inventory
(OTA_HotelRatePlanNotif_accept_RatePlan_mixed_BookingRule)
- Room-based OTA_HotelAvailNotifRQ messages (OTA_HotelAvailNotif_accept_rooms)
- GuestRequests of type "Requested" and with DateRange's

The non-support of all these features does not break the standard conformity. However, unsupported features may limit the connection with partners in specific cases.

Special characteristics

Some special characteristics of the AlpineBits Sever must be mentioned:

- Inventory/Basic Push is not supported, which means that the server does not support dynamic creation and modification of room-categories basic informations. Therefore a manual match of room-category codes is needed while setting up the connection with Hotel-Spider. Although the server supports Inventory/Basic Pull which may help while this process.
- RatePlans: only one age-range for AgeQualifyingCode=8 (children) is allowed, the corresponding age-range must be aligned between client and server while the initial setup
- RatePlans: the value of BaseByGuestAmt/@Type must be fixed and must be aligned to the server while the initial setup

Result

While the audit the customer's server has been tested on 149 rules described by the AlpineBits standard 2017-10. Most rules result being well implemented by the server, although the customer has been informed several times between October and November about some needed corrections, which have been fixed from time to time so that, at the end, all supported features result being well implemented by the server. Hotel-Spider's AlpineBits server results full compliant to the version 2017-10 and regarding the features supported.