



Certification Audit Report

AlpineBits HotelData 2018-10 Server

Certified Organization	TourOnlineAG / DIRS21
Certification Organization	LTS
Auditor	Seppi Ulrich
Version	2018-10
	Server
Date/Period of audit	Jul 7, 2022 - Sep 8, 2022
Location	Online



General

The audit took place between 7th July and 8th September with the purpose to prove the AlpineBits V2018-10 standard conformity of DIR's server endpoint <https://v3.pms.dirs21.de/api/alpinebits>. All parts have been verified by remote accessing the server. The audit has been executed via an online meeting. In addition to the auditor Seppi Ulrich, also CK from DIRS and Martin Rabanser from AlpineBits Alliance have participated to an initial meeting, during the certification process other technicians from DIRs were involved for various clarifications.

Methodology

The customer's AlpineBits server has been tested against all related fundamental rules and characteristics described by the AlpineBits Standard V2018-10. All functional tests have been executed with a dedicated client software (<https://development.alpinebits.org/backend/certification/web>), 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 request 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 tests

Actions validated

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

- OTA_Ping:Handshaking
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests (Pull)
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans

Server credentials

AlpineBits Server URL	https://v3.pms.dirs21.de/api/alpinebits
Credentials used:	
HotelCode	95306
X_AlpineBits_ClientID	
X_AlpineBits_ProtocolVersion	2018-10

Client supported capabilities

- action_OTA_Ping
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_deltas
- action_OTA_Read
- action_OTA_HotelRatePlanNotif_RatePlans
- OTA_HotelRatePlanNotif_accept_ArrivalDOW
- OTA_HotelRatePlanNotif_accept_DepartureDOW
- OTA_HotelRatePlanNotif_accept_RatePlan_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_overlay

List of optional features that have not been implemented

The server does not support or require following optional features:

- room-based OTA_HotelAvailNotifRQ messages
- Hint for FreeRooms with CompleteSet with Type=35, it is treated correctly as Type=16
- Quote requests
- Inventory/Basic
- Inventory/HotelInfo
- RatePlan / Supplements
- RatePlan / Offers
- RatePlan / prices and offers for children
- Dynamic creation of RatePlans
- Attributes RatePlanCategory for RatePlans
- BaseRates

The non-support of all these features does not break the standard conformity.

Result

During the audit the customer's server has been tested on 145 rules described by the AlpineBits standard 2018-10. Most rules resulted in being well implemented by the server, although various non-conformities were detected and later resolved by the customer and were successfully validated while some re-audits.

At the end, any supported server functionality resulted in AlpineBits 2018-10 compliant.