

Certification Audit Report

Organization: Peer GmbH
Version: 2017-10 Gold Server

Date of audit: 2018-06-08 9:00 - 17:30 h

Location: Peer GmbH – via Bolzano 63/a
Auditor: Seppi Ulrich
Technical reference personnel: DG, LR

General

The audit took place between 5th and 8th June with the purpose to prove the AlpineBits V2017-10 standard conformity of Peer's server endpoint <https://interfaces.peer.biz/alpinebits>. The major part has been verified by remote accessing the server, on 8th June from 14:00h to 17:30h the concluding part took place at customers office.

In addition to the auditor Seppi Ulrich, also Daniele Gobbetti and Luca Rainone have participated as internal technical reference persons to clarify questions while the audit.

Methodology

Peer's AlpineBits server has been tested against all fundamental rules 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 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

Actions validated

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

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

Server credentials

URL <https://interfaces.peer.biz/alpinebits/>

Credentials used:

HotelCode	3110
X_AlpineBits_ClientID	ABCert-X-AlpineBits-2017-10
X_AlpineBits_ProtocolVersion	2017-10

Server supported capabilities

- action_getVersion
- action_getCapabilities
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_deltas
- OTA_HotelAvailNotif_accept_BookingThreshold
- action_OTA_Read
- action_OTA_HotelDescriptiveContentNotif_Inventory
- OTA_HotelDescriptiveContentNotif_Inventory_use_rooms
- OTA_HotelDescriptiveContentNotif_Inventory_occupancy_children
- action_OTA_HotelRatePlanNotif_RatePlans
- OTA_HotelRatePlanNotif_accept_ArrivalDOW
- OTA_HotelRatePlanNotif_accept_DepartureDOW
- OTA_HotelRatePlanNotif_accept_RatePlan_BookingRule
- OTA_HotelRatePlanNotif_accept_RatePlan_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_RatePlan_mixed_BookingRule
- OTA_HotelRatePlanNotif_accept_Supplements
- OTA_HotelRatePlanNotif_accept_FreeNightsOffers
- OTA_HotelRatePlanNotif_accept_FamilyOffers
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_OfferRule_BookingOffset
- OTA_HotelRatePlanNotif_accept_OfferRule_DOWLOS

The server does also support GZIP.

List of optional features that have not been implemented

The server has not support or require following optional features:

- Attributes RatePlanType & RatePlanCategory for RatePlans
- Attribute Remark for GuestRequests
- Amenities for Inventory
- Included service comments for GuestRequests
- Room based OTA_HotelAvailNotifRQ messages

- HTTPS Header field X_AlpineBits_ClientID (is ignored by the server)

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

Result

While the audit the customer's server has been tested on 149 rules described by the AlpineBits standard 2017-10. 147 rules result being well implemented by the server, although the customer has been informed about some potential optimizations for his server which do not influence the standard compliance but rather do increase the integrity of his server.

Two non-conformities have been identified, which have been correctly resolved by the customer during the audit so that, at the end, everything resulted fully AlpineBits 2017-10 compliant.