

Certification Audit Report

ASA 2017-10 Client Gold

Organization: ASA OHG
Version: 2017-10 Client Gold

Date/Period of audit: From 2018-04-13 to 2018-04-26
Final audit on 2018-04-26 17:00-19:00 h

Location: ASA OHG - Gand 14 - Kaltern a.d.W.
Auditor: Seppi Ulrich

Customers technical reference personnel: SP

General

The audit took place between 13th April and 26th April with the purpose to prove the AlpineBits V2017-10 standard conformity of the PMS ASA (client software).

In addition to the auditor Seppi Ulrich, also SP has participated as internal technical reference persons to clarify questions.

Methodology

ASA's AlpineBits client has been tested against all fundamental rules and characteristics described by the AlpineBits Standard V2017-10 document. All request messages invoked by ASA's client have been validated against the correspondent rule(s) described by the standard. All functional tests have been verified by the auditor through interrogation, live observation and using the official AlpineBits server as testing and monitoring tool to validate all client's requests. All XML messages 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.

All AlpineBits rules relative to the HTTPS protocol have been validated using the official AlpineBits test server.

What hasn't been validated

The certification audit didn't consider following criterias:

- software and hardware stability
- software and hardware security
- request frequency, load and density
- price calculation algorithm

Actions validated

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

- Housekeeping getCapabilities and getVersion
- OTA_HotelDescriptiveContentNotif:Inventory (Basic - Push)
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans
- OTA_HotelRatePlan:BaseRates



Credentials used for certification audit

AlpineBits Server URL	https://development.alpinebits.org/server-2017-10/
Credentials used:	AB-Cert-ASA143
HotelCode	AB-Cert-1710a
X_AlpineBits_ClientID	AB-Cert-ASA143
X_AlpineBits_ProtocolVersion	2017-10

Client supported capabilities

- action_getVersion
- action_getCapabilities
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_rooms
- OTA_HotelAvailNotif_accept_deltas
- OTA_HotelAvailNotif_accept_BookingThreshold
- action_OTA_Read
- action_OTA_HotelDescriptiveContentNotif_Inventory (Inventory/Basic push)
- 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_FreeNightsOffers
- OTA_HotelRatePlanNotif_accept_FamilyOffers
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_RatePlanJoin
- OTA_HotelRatePlanNotif_accept_OfferRule_BookingOffset
- OTA_HotelRatePlanNotif_accept_OfferRule_DOWLOS
- action_OTA_HotelRatePlan_BaseRates
- OTA_HotelRatePlan_BaseRates_deltas

Capabilities not supported

- OTA_HotelRatePlanNotif_accept_Supplements
- action_OTA_HotelDescriptiveContentNotif_Info (Inventory/HotelInfo pull)
- action_OTA_HotelDescriptiveInfo_Inventory (Inventory/Basic pull)
- action_OTA_HotelDescriptiveInfo_Info (Inventory/HotelInfo pull)

Further the client does not support following optional features:

- amenities for Inventory (room categories)
- square meters for Inventory (room categories)

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

Result

While the audit the customer's client has been tested on 135 rules described by the AlpineBits standard V2017-10. There has been only one deviation for rule n° 134:

- Warnings: the client did escalate warnings to the user as required, but did not consider the message as "entirely failed".

This deviation, which would not be considered as a non-conformity, has been fixed while the certification audit, so that at the end all rules result being well implemented by the client. No reaudit is needed, ASA's AlpineBits client results full compliant to the version 2017-10.