

Certification Audit Report

Prerelease for customer

Organization: HGV
Version: 2015-07b Gold
Client

Date of audit: 2017-10-31 9:15 - 17:30 h
2017-11-07 10:30 - 11:30 h

Location: Easisoft
Auditor: Seppi Ulrich
Technical reference personnel: EP, TA(Easisoft)

General

The audit took place between 26th October and 7th November with the purpose to prove the AlpineBits V2015-07b standard conformity of HGV's client for the Gold Certification Level. In addition to the auditor Seppi Ulrich, also EP (HGV) and TA (tech. supplier) have participated as internal technical reference persons to clarify questions while the audit.

Methodology

HGV's AlpineBits client has been tested against all fundamental rules and characteristics described by the AlpineBits Standard V2015-07b document. All request messages invoked by the HGV's client have been validated against each single rule described in the related document. All functional tests have been verified by the auditor through interrogation, live observation and using the official AlpineBits server to monitor 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 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

Please note that the action OTA_HotelRatePlanNotif:SimplePackages has not been validated as it is not part of the certification level Gold for 2015-07b.



Credentials used for certification audit

AlpineBits Server URL	https://development.alpinebits.org/server-2015-07b/
Credentials used:	
HotelCode	HOT-96276-hgv
X_AlpineBits_ClientID	ABCert-X-AlpineBits-9367
X_AlpineBits_ProtocolVersion	2015-07b

Client supported capabilities

- action_getVersion
- action_getCapabilities
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_categories
- OTA_HotelAvailNotif_accept_rooms
- OTA_HotelAvailNotif_accept_deltas
- action_OTA_Read
- action_OTA_HotelDescriptiveContentNotif_Inventory
- OTA_HotelDescriptiveContentNotif_Inventory_use_rooms
- OTA_HotelDescriptiveContentNotif_Inventory_occupancy_children
- OTA_HotelDescriptiveContentNotif_Inventory_accept_basic
- OTA_HotelDescriptiveContentNotif_Inventory_accept_additional
- action_OTA_HotelRatePlanNotif_RatePlans
- OTA_HotelRatePlanNotif_accept_MinLOS
- OTA_HotelRatePlanNotif_accept_MaxLOS
- OTA_HotelRatePlanNotif_accept_ArrivalDOW
- OTA_HotelRatePlanNotif_accept_DepartureDOW
- OTA_HotelRatePlanNotif_accept_RatePlan_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_Supplements
- OTA_HotelRatePlanNotif_accept_FreeNightsOffers
- OTA_HotelRatePlanNotif_accept_FamilyOffers
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_RatePlanJoin

Capabilities not supported

- OTA_HotelRatePlanNotif_accept_RatePlan_BookingRule

- OTA_HotelRatePlanNotif_accept_RatePlan_mixed_BookingRule

List of optional features that have not been implemented

The client has not support following optional features:

- GZIP
- Attribute SelectionCriteria (GuestRequests)
- Empty OTA_HotelAvailNotif CompleteSet Message to reset (deleting) rooms. The client does always explicitly set occupied or free status for each single room it declares in the Inventory message.

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

Optimization and recommendations

Following recommendations to the client characteristics have been found which are not breaking to the standard conformity:

- automatically retry to send messages which are not accepted or processed successfully by the server and respond with a Warning message

Result

While the audit the customer's client has been tested on 104 mandatory rules described by the AlpineBits standard 2015-07b. All rules result being well implemented by the server, no reaudit is needed and the full AlpineBits 2015-07B compliance of customers AlpineBits client.