

Certification Audit Report

Organization: SiMedia GmbH
Version: 2018-10 Gold
Server

Date/Period of audit: 2019-10-07 - 2019-10-09

Location: Remote
Auditor: Seppi Ulrich
**Technical
reference personnel:** IS

General

The audit took place between 7th and 9th October with the purpose to prove the AlpineBits V2018-10 standard conformity of SiMedias server endpoint <https://api.simedia.com/alpinebits/> . The major part has been verified by remote accessing the server, in date 7th October from 13:30h to 16:00h a on-site audit took place at customers office.

In addition to the auditor Seppi Ulrich, also DG and LR 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 V2018-10. 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 tests

Actions validated

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

- OTA_Ping:Handshaking
- OTA_HotelDescriptiveContentNotif:Inventory
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans

Server credentials

URL <https://api.simedia.com/alpinebits/>

Credentials used:

| | |
|-----------------------|------------------------------|
| HotelCode | 2303 |
| X_AlpineBits_ClientID | (not required by the server) |

Server supported capabilities

- action_OTA_Ping
- action_OTA_HotelAvailNotif
- OTA_HotelAvailNotif_accept_rooms
- 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_FreeNightsOffers
- OTA_HotelRatePlanNotif_accept_FamilyOffers
- OTA_HotelRatePlanNotif_accept_overlay
- OTA_HotelRatePlanNotif_accept_RatePlanJoin
- OTA_HotelRatePlanNotif_accept_OfferRule_BookingOffset
- OTA_HotelRatePlanNotif_accept_OfferRule_DOWLOS

List of optional features that have not been implemented

The server does not support or require following optional features:

- The server does not support GZIP
- HTTPS Header field X_AlpineBits_ClientID (is ignored by the server)
- Attribute Remark for GuestRequests
- The server does support quote requests and reservations but does not support cancellation (ResStatus=Cancelled) and modification (ResStatus=Modify) of reservations
- Included service comments for GuestRequests
- Category based OTA_HotelAvailNotifRQ messages
- Hint for FreeRooms with CompleteSet with Type=35, it is treated correctoy as Type=16
- GuestRequest PUSH action
- Inventory Basic/Pull and Hotelinfo/Push+Pull

- Attribute RatePlanCategory
- Supplements
- BaseRates

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 144 rules described by the AlpineBits standard 2018-10. 137 rules result being well implemented by the server.

7 non-conformities have been identified, which have been correctly resolved by the customer in date 9th October so that, during the final tests everything resulted fully AlpineBits 2018-10 compliant.