

Certification Audit Report

LTS 2018-10 Server Gold

Organization: Landesverband der Tourismusorganisationen Südtirols
Version: 2018-10 Gold
Server

Date/Period of audit: 2020-11-25 - 2020-12-02
Audit: 2020-11-25/26
Re-audit: 2020-12-02

Location: remote (due to coronavirus)

Auditor: Seppi Ulrich

**Technical
reference personnel:** IZ, DL

General

The audit took place between 25th November and 2th December with the purpose to prove the AlpineBits V2018-10 standard conformity of LTS's server endpoint <https://lcs.lts.it/alpinebits>. The major part has been verified by remote accessing the server, in date 25th November and in part also in date 26th November. Due to Corona, the audit has been executed via an online meeting. In addition to the auditor Seppi Ulrich, also IZ have participated as internal technical reference person to clarify questions while the audit.

Methodology

LTS'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_HotelDescriptiveContentNotif:Inventory
- OTA_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests (Pull)
- OTA_NotifReport:GuestRequests
- OTA_HotelResNotif:GuestRequests (Push)
- OTA_HotelRatePlanNotif:RatePlans

Server credentials

URL <https://lcs.lts.it/alpinebits/>

Credentials used:

HotelCode	57311
X_AlpineBits_ClientID	577577E5EC3D4267;LTS-TEST
X_AlpineBits_ProtocolVersion	2018-10

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_HotelResNotif_GuestRequests
- 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_RoomType_BookingRule
- 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 does not support or require following optional features:

- Room-category based OTA_HotelAvailNotifRQ messages
- Hint for FreeRooms with CompleteSet with Type=35, it is treated correctly as Type=16
- Inventory Basic/Pull and HotelInfo/Push+Pull
- Included service comments for GuestRequests
- Attributes RatePlanCategory for RatePlans
- 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 145 rules described by the AlpineBits standard 2018-10. 138 rules result being well implemented by the server.

Five minor non-conformities have immediately been resolved by the customer.

Other two bigger non-conformities were discovered which were resolved in the course of the following days and were successfully validated while the re-audit in date 2th December so that, at the end, any server functionality resulted AlpineBits 2018-10 compliant.