

# Certification Audit Report

**Organization:** XLbit s.n.c.  
**Version:** 2018-10 Gold  
Server

**Date/Period of audit:** 2020-01-28 - 2020-02-07

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

## General

The audit took place between 28th January and 07th February with the purpose to prove the AlpineBits V2018-10 standard conformity of XLbit's server endpoint <https://www.yesalps.com/lab/alpinebits>.

In addition to the auditor Seppi Ulrich, also FV from XLbit have participated as internal technical reference persons to clarify questions while the audit process.

## Methodology

XLbit'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 a dedicated website to check the regular treatment of the received request messages, especially regarding RatePlans.

## 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	<a href="https://www.yesalps.com/lab/alpinebits">https://www.yesalps.com/lab/alpinebits</a>
Credentials used:	
HotelCode	453560
X_AlpineBits_ClientID	(not required by the server)
X_AlpineBits_ProtocolVersion	2018-10

## Server supported capabilities

- action\_OTA\_Ping
- action\_OTA\_HotelAvailNotif
- OTA\_HotelAvailNotif\_accept\_rooms
- 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\_Supplements
- OTA\_HotelRatePlanNotif\_accept\_overlay
- 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 but does not support reservations (ResStatus=Reserved), cancellation (ResStatus=Cancelled) and modification (ResStatus=Modify) of reservations
- Included service comments for GuestRequests
- GuestRequest PUSH action
- Inventory Basic/Pull and Hotelinfo/Push+Pull
- Attribute RatePlanCategory, RatePlanType, RatePlanID and RatePlanQualifier
- BaseRates
- Only mandatory supplements are supported (MandatoryIndicator=true)

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. 139 rules result being well implemented by the server.

5 non-conformities have been identified, which have been correctly resolved by the customer in date 5th February so that, during the final tests everything resulted fully AlpineBits 2018-10 compliant.