



Certification Audit Report

AlpineBits HotelData 2020-10 Server

Certified Organization	ActiVales GmbH
Certification Organization	AlpineBits Alliance
Auditor	Luca Rainone
Version	2020-10
	Server
Date/Period of audit	May 15 - May 29 2023
Location	Online



General

The audit took place between 15th and 29th May with the purpose to prove the AlpineBits V2020-10 standard conformity of Activaless server endpoint <https://partner.activaless.com/alpinebits>. The major part has been verified by remote accessing the server, in date 15th May and in part also in date 29th of the same month. The audit has been executed via an online meeting. In addition to the auditor Luca Rainone, also Andreas Ploner has participated as internal technical reference person to clarify questions during the audit.

Methodology

Activaless AlpineBits server has been tested against all related fundamental rules and characteristics described by the AlpineBits Standard V2020-10. All functional tests have been executed with two dedicated client software (<https://development.alpinebits.org/backend/certification/web> and one proprietary client for minimal automated checks), 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 through the online tool. 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_HotelInvCountNotif:FreeRooms
- OTA_Read:GuestRequests (Pull)
- OTA_NotifReport:GuestRequests

Server credentials

AlpineBits Server URL	https://partner.activales.com/alpinebits
Credentials used:	*****
HotelCode	1
X_AlpineBits_ClientID	ABSCertification
X_AlpineBits_ProtocolVersion	2020-10

Client supported capabilities

- action_OTA_Ping
- action_OTA_HotelInvCountNotif
- OTA_HotelInvCountNotif_accept_categories
- OTA_HotelInvCountNotif_accept_deltas
- action_OTA_Read

The server does NOT support GZIP.

List of optional features that have not been implemented

The server does not support or require following optional features:

- Room based OTA_HotelInvCountNotif messages
- FreeRooms - Closing season
- FreeRooms - accept out of order | out of market
- Inventory
- RatePlan & BaseRates
- GuestRequests (push)
- ActivityData

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

Result

During the audit the customer's server has been tested on all rules described by the AlpineBits standard 2020-10 related to the actions & capabilities supported.

Two critical issues were caught during the audit, but quickly fixed (unexpected empty line at the beginning of each response, and not working delta message for FreeRooms).

Four minor non-conformities have been resolved by the customer after two weeks and were successfully validated during the re-audit on 29th May so that, at the end, any server functionality resulted in AlpineBits 2020-10 compliant.

Note: In case of gzip encoded requests, the proxy behind the AlpineBits implementation responds with a generic html error page, making it impossible for the application to provide a specific error