



Certification Audit Report

AlpineBits HotelData 2020-10 Server

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|-----------------------------------|-------------------------------------|
| Certified Organization | Vioma GmbH |
| Certification Organization | AlpineBits Alliance |
| Auditor | Luca Rainone |
| Version | 2020-10 |
| | Server |
| Date/Period of audit | October 18, 2022 - October 24, 2022 |
| Location | Online |



General

The audit took place between 18th and 24th October with the purpose to prove the AlpineBits V2020-10 standard conformity of Vioma's server endpoint <https://sync-partner-104.cst.staging.wog.vioma.de/>. The major part has been verified by remote accessing the server, in date 18th October and in part also in date 24th of the same month. The audit has been executed via an online meeting. In addition to the auditor Luca Rainone, also Raphael Bös has participated as internal technical reference person to clarify questions during the audit.

Methodology

Vioma's 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_HotelAvailNotif:FreeRooms
- OTA_Read:GuestRequests (Pull)
- OTA_NotifReport:GuestRequests
- OTA_HotelRatePlanNotif:RatePlans

Server credentials

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|-------------------------------------|---|
| AlpineBits Server URL | https://sync-partner-104.cst.staging.w.og.vioma.de/ |
| Credentials used: | ***** |
| HotelCode | 6649 |
| X_AlpineBits_ClientID | 577577E5EC3D4267 |
| X_AlpineBits_ProtocolVersion | 2020-10 |

Client supported capabilities

- action_OTA_Ping
- action_OTA_HotelInvCountNotif
- OTA_HotelInvCountNotif_accept_categories
- OTA_HotelAvailNotif_accept_deltas
- action_OTA_Read
- action_OTA_HotelResNotif_GuestRequests
- action_OTA_HotelRatePlanNotif_RatePlans
- OTA_HotelRatePlanNotif_accept_ArrivalDOW
- OTA_HotelRatePlanNotif_accept_DepartureDOW
- OTA_HotelRatePlanNotif_accept_RatePlan_RoomType_BookingRule
- OTA_HotelRatePlanNotif_accept_overlay

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 based OTA_HotelInvCountNotif 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.

Note: The support of RatePlans is bound by a prior agreement of their codes. However CompleteSet and deletion (on shared RatePlanCodes) work as expected.

Result

During the audit the customer's server has been tested on 96 rules described by the AlpineBits standard 2020-10. 91 rules result in being well implemented by the server.

Five minor non-conformities have been resolved by the customer after a few days, which were resolved in the course of the following days and were successfully validated during the re-audit on 24th October so that, at the end, any server functionality resulted AlpineBits 2020-10 compliant.