

# CultSwitch 3.4.0

Cultuzz Digital Media GmbH

Documentation

22 NOV 2018

Cultuzz Digital Media GmbH

Gneisenastr. 66

10961 Berlin

Germany

Contact:

Tel. +49 (30) 726 225 0

Fax +49 (30) 726 225 59

©2013 Cultuzz Digital Media GmbH. All rights reserved

*This documentation (including sample applications) is provided for informational purposes only and Cultuzz Digital Media GmbH and its suppliers make no warranties, either express or implied, in this documentation. Information in this documentation, including URL and other Internet Web site references, is subject to change without notice. The entire risk of the use or the results of the use of this documentation remains with the user.*

*Unless otherwise noted, the example companies, organizations, products, domain names, e-mail addresses, people, places, and events depicted here are fictitious, and no association with any real company, organization, product, domain name, e-mail address, person, place, or event is intended or should be inferred. Complying with all applicable copyright laws is the responsibility of the user. Without limiting the rights under copyright, no part of this documentation may be reproduced, stored in or introduced into a retrieval system, or transmitted in any form or by any means (electronic, mechanical, photocopying, recording, or otherwise), or for any purpose, without the express written permission of Cultuzz Digital Media GmbH.*

*Cultuzz Digital Media GmbH may have patents, patent applications, trademarks, copyrights, or other intellectual property rights covering subject matter in this documentation. Except as expressly provided in any written license agreement from Cultuzz Digital Media GmbH, the furnishing of this documentation does not give you any license to these patents, trademarks, copyrights, or other intellectual property.*

# Preface

CultSwitch, the most advanced software product from Cultuzz, is a web service, to automate business data administration inside hotel guides, reservation systems, on-line indexes and print media. This document is written to explain all its features in a lucid way.

## Intended Audience :

This document is written for Technical and Techno-Functional professionals working with PMS/CRS systems, Distributors (Channels) and Channel Management systems.

## What is this document about?

This document describes how to integrate CultSwitch with both  
(a) PMS (Property Management System) / CRS (Central Reservation System).  
(b) Distributors (Channels).



### a) PMS / CRS :

- How to push Hotel master data like Name, Language, Home Currency, Bank Data, Descriptions, Amenities, Images, Address, Contact Information.
- How to push Availabilities and Prices into CultSwitch.
- How to retrieve the Bookings from CultSwitch.
- Certification Process and Types of Certification.
- "Integrated Channel Management", the most modern concept in channel management, Channel Manager is completely invisible and the entire channel management can be done by the accommodation provider on the user interface of the PMS.
- CultSwitch supports channel level modules i.e. Channel Management Data which provides the Hotel, the possibility to treat a particular channel differently from other channels.

### b) Distributors :

- How to get Master data of connected Hotels.
- How to get the connected Hotels of a particular Channel.
- How to get the Available Products of connected Hotels.
- How to get the Rates, Availabilities, Booking conditions and Policies etc.
- How to push the reservations while a Booking is performed by a Guest.

## What it contains?

- This document contains all the details and capabilities of CultSwitch.
- XML Templates for sending and receiving Availabilities, Prices and Bookings.
- Flow diagrams for XMLs for better understanding.
- Hyper-links to XMLs.
- Related Spreadsheets.

## How to use it?

- To get information on any particular subject, you may choose to use "Table of Contents" provided at the beginning of the document.
- To get information on a particular topic, you may choose to use "Index" provided at the end of the document.
- Glossary : Every attribute which is used in XMLs is described in this section.



## Versions :

In Version History, the capabilities of CultSwitch in various versions are described. This helps users to know what is present in newer versions of CultSwitch. Latest version of CultSwitch is always backward compatible.

## Related Documents :

- OTA standard XSDs - 2006A are used for the API XML Specification.
- OTA-2006A-CodeTable.xls is used for OTA Codes.

## Conventions :

Convention	Meaning	Example
Blue color text	Blue color text denotes a hyperlink to a specified attribute/ XML.	ProfileCreate message defines an operation that either generates a new record for a new <a href="#">Accommodation</a> / <a href="#">Distributor</a> with a unique identifier.
Italic with Courier (Font family)	Courier font indicates description of the XML elements.	<!-- The MaxLOS and MinLOS, indicates the Maximum and Minimum length of stay required for the identified room. -->.

Table 1: Conventions

# Table Of Contents

<b>1</b>	<b>Overview</b>	<b>10</b>
1.1	CultSwitch Process Flow	10
1.2	Targeted Users	11
1.3	Contact Details	11
1.4	Revision History	13
1.5	Glossary	18
<b>2</b>	<b>PMS Certification</b>	<b>24</b>
2.1	Types of Certification	25
2.2	Certification Scenario	26
<b>3</b>	<b>OTA-Messages</b>	<b>30</b>
3.1	Preliminary Note	30
3.2	Compatibility Note	30
3.3	Transactions	30
3.4	Business Partner Contacts (OTA_ProfileCreateRQ/RS)	30
3.5	Master Data update (OTA_HotelDescriptiveContentNotifRQ/RS)	30
3.6	Accommodation Data Request (OTA_HotelDescriptiveInfoRQ/RS)	30
3.7	Booking Communication (OTA_ReadRQ/OTA_ResRetrieve)	31
3.8	Availability Update (OTA_HotelInvCountNotifRQ/RS)	31
3.9	Rate Amount Update (OTA_HotelRateAmountNotifRQ/RS)	31
3.10	Product Handling (OTA_HotelRatePlanNotifRQ/RS)	31
3.11	Accommodation Search (OTA_HotelSearchRQ/RS)	31
3.12	Availability Request (OTA_HotelAvailRQ/RS)	32
3.13	Reservation Completion (OTA_HotelResRQ/RS)	32
3.14	Reservation Cancellations (OTA_CancelRQ/RS)	32
3.15	No-Show Update (OTA_CancelRQ/RS)	32
3.16	Reservation Completion Notification (OTA_HotelResNotifRQ)	33
3.17	Notifications sent by CultSwitch	33
<b>4</b>	<b>Technical Function</b>	<b>37</b>
4.1	XML-Elements	37
4.2	HTTP-Ping	37
4.3	Authentication	37
4.4	Users Identification	38
<b>5</b>	<b>XMLs</b>	<b>39</b>
5.1	OTA_ProfileCreateRQ/RS	39
5.1.1	Request Message (OTA_ProfileCreateRQ)	39
5.1.2	Response Message (OTA_ProfileCreateRS)	41
5.1.3	Auto generated emails Request Message (OTA_ProfileCreateRQ)	41
5.2	OTA_HotelDescriptiveContentNotifRQ/RS	43
5.2.1	Request Message (OTA_HotelDescriptiveContentNotifRQ)	43
5.2.2	Response Message (OTA_HotelDescriptiveContentNotifRS)	52
5.3	OTA_HotelDescriptiveInfoRQ/RS	53
5.3.1	Request Message (OTA_HotelDescriptiveInfoRQ)	53
5.3.2	Response Message (OTA_HotelDescriptiveInfoRS)	53
5.4	OTA_ReadRQ/OTA_ResRetrieve	61
5.4.1	Request Message (OTA_ReadRQ)	61

**cultuzz.**

5.4.2	Response Message (OTA_ResRetrieve)	67
5.4.3	Booking Confirmations from PMS	77
5.5	OTA_HotelInvCountNotifRQ/RS	78
5.5.1	Request Message (OTA_HotelInvCountNotifRQ)	78
5.5.2	Response message (OTA_HotelInvCountNotifRS)	78
5.6	OTA_HotelRateAmountNotifRQ/RS	79
5.6.1	Request Message (OTA_HotelRateAmountNotifRQ)	79
5.6.2	Response Message (OTA_HotelRateAmountNotifRS)	83
5.6.3	CultSwitch-Message Validation	83
5.6.4	CultSwitch-Message Validation: Java Program	84
5.7	OTA_HotelRatePlanNotifRQ/RS	86
5.7.1	Definition of a Product Element	86
5.7.2	Interface for Product Element Handling	88
5.7.3	Use Cases for Product Element	89
5.7.4	Definition of CancelPolicy	95
5.7.5	Interface for CancelPolicy Handling	96
5.7.6	Use Cases for CancelPolicy	97
5.7.7	Interface for No-Show Policy Handling	100
5.7.8	Use Cases for No-Show Policy	100
5.7.9	Use Cases for Payment policy	104
5.7.10	Definition of a Product	108
5.7.11	Interface for Product Handling	117
5.7.12	Use Cases for Product	118
5.7.13	Selling NonRoomElements as Products	121
5.8	OTA_HotelSearchRQ/RS	123
5.8.1	Request Message (OTA_HotelSearchRQ) for PMS	123
5.8.2	Response Message (OTA_HotelSearchRS) for PMS	123
5.8.3	Request Message (OTA_HotelSearchRQ) for Distributors	125
5.8.4	Response Message (OTA_HotelSearchRS) for Distributors	125
5.9	OTA_HotelAvailRQ/RS	127
5.9.1	Request Message (OTA_HotelAvailRQ) for PMS	127
5.9.2	Response Message (OTA_HotelAvailRS) for PMS	127
5.9.3	Request Message (OTA_HotelAvailRQ) for Distributors	131
5.9.4	Response Message (OTA_HotelAvailRS) for Distributors	133
5.9.5	Response Message for OTA_HotelAvailRQ WithOutRateInfoDetails	136
5.10	OTA_HotelResRQ	138
5.10.1	Basic reservation request (INITIATE)	138
5.10.2	Second alternative confirmation of a reservation	143
5.10.3	Response message for a completed reservation	143
5.11	OTA_CancelRQ/RS	150
5.11.1	Request Message (OTA_CancelRQ)	150
5.11.2	Response Message (OTA_CancelRS)	150
5.12	OTA_CancelRQ/RS for "No-Show" by PMS	152
5.12.1	Request Message No-Show (OTA_CancelRQ)	152
5.12.2	Response Message No-Show (OTA_CancelRS)	152
5.13	OTA_HotelResNotifRQ	153
5.13.1	ReservationNotifRQ accepted by CultSwitch	153
5.13.2	Response message (OTA_HotelResNotifRS)	156
5.13.3	Invalid and Incomplete Bookings	157
5.14	OTA_HotelRoomListRQ/RS	158
5.14.1	Request Message (OTA_HotelRoomListRQ)	159
5.14.2	Response Message (OTA_HotelRoomListRS)	166
5.14.3	Re-push notification request from Channel(OTA_HotelAvailNotifRQ)	167



5.14.4	Response Message (OTA_HotelAvailNotifRS)	167
<b>6</b>	<b>PMS_Administration</b>	<b>168</b>
6.1	PMS Company Creation (OTA_ProfileCreateRQ)	168
6.2	PMS Software Creation (OTA_ProfileCreateRQ)	169
6.3	PMS listing (OTA_ReadRQ)	170
6.4	PMS Software listing( OTA_ReadRQ )	171
6.5	Allowing PMS with test AgentSine	172
6.6	Certifying the AgentSine	172
6.7	White listing the PMS	173
<b>7</b>	<b>Channel_Administration</b>	<b>174</b>
7.1	Channel Group creation Request (OTA_ProfileCreateRQ)	174
7.2	Channel Group updation Request (OTA_ProfileCreateRQ)	175
7.3	Channel Group Deletion Request (OTA_ProfileCreateRQ)	176
7.4	Listing Channel Group Details (OTA_HotelDescriptiveInfoRQ)	177
7.5	Channel Creation Request (OTA_ProfileCreateRQ)	178
7.6	Channel Updation Request (OTA_ProfileCreateRQ)	179
7.7	Channel Listing Request (OTA_ProfileCreateRQ)	180
<b>8</b>	<b>Corporate Contracts and Codes</b>	<b>181</b>
8.1	Contractor Creation/Updation/Deletion	181
8.2	Contract Creation/Updation/Deletion	183
8.3	Scheduling Contract Updation	184
8.4	Getting all Contractors and their Contracts for each Contractor	185
8.5	Getting corporate products along with other products	186
8.6	Mapping Cultuzz product with ContractID (Corporate Code)	187
<b>9</b>	<b>Integrated Channel Management</b>	<b>188</b>
9.1	Object - Channel mapping and demapping for both Push and Pull channels	188
9.2	Additional Features for Object - Channel mapping	191
9.3	Get Distributor's Connection Status List for a Specific Object	192
9.4	Scheduling Channel Connection Status	194
9.5	Listing the Capabilities of a Channel (CCM)	195
9.6	Listing Hotelier Expectation Matrix (HEM)	197
9.7	Export Hotelier Expectation Matrix (HEM) to Cultuzz	198
9.8	Listing Channel Products	200
9.9	Listing Cultuzz Products with Mapping information	201
9.10	Mapping Cultuzz Product to a Distributor(both push and pull)	202
<b>10</b>	<b>Channel Management Data</b>	<b>206</b>
10.1	Set Channel Management Data	207
10.2	Get Channel Management Data	208
<b>11</b>	<b>CultSwitch Spreadsheets</b>	<b>211</b>
11.1	Additional Details Codes to identify the room type	211
11.2	CultSwitch Name-attributes	212
11.3	Profile Type (PRT)	213
11.4	Index Point Code (IPC) corresponds to the Customer Service Interface (CSI)	213
11.5	Property Class Type (PCT) corresponds to the Customer Service Interface (CSI)	214
11.6	Supported hotel-facilities (HAC)	215
11.7	Age Qualifying Code (AQC)	225
11.8	Inventory Count Type (INV)	225
11.9	Recreation Service Type (RST) corresponds to the Customer Service Interface (CSI)	226

**cultuzz.**

11.10	InvTypeCode_Product Element Categories	227
11.11	Attribute Abbreviation for week days	228
11.12	Supported Credit Cards	229
11.13	Room Amenity Code (RMA) corresponds to the Customer Service Interface (CSI)	230
11.14	Reference Point Category Code (REF)	236
11.15	Unit of Measure Code (UOM)	237
11.16	Address Use Type (AUT)	237
11.17	Relationship Codes (REL)	238
11.18	Option Type Code (OTC)	238
11.19	Payment Type (PMT)	239
11.20	Supported Guarantee Types	239
11.21	Market Codes for Source of Business	240
11.22	CultSwitch name attributes for requesting PriceCalculationInfo	241
11.23	Accommodation Chain	242
11.24	Location Category Codes(LOC)	243
11.25	Distributed Systems	243
11.26	Pets Policy Code (PET)	244
11.27	Credit Card Type (CDT)	244
11.28	Guest Room Info (GRI)	245
11.29	Meal Plan Type (MPT)	245
11.30	Meeting Room Code (MRC)	246
11.31	Business Svc Type (BUS)	247
11.32	Recreation Svc Detail Code (REC)	247
11.33	Attraction Category Code (ACC)	247
11.34	Main Cuisine Code (CUI)	248
11.35	Picture Categories (PIC)	248
11.36	Other OTACodes	249
11.37	Supplement Types	249
11.38	Accommodation Type Codes	250
11.39	Hotel Classifications	250
11.40	Additional Features	251
11.41	Product/Room Amenities	252



## List of Figures

1	CultSwitch Process	10
2	Data model of a product element	86
3	Product Element mapping with Room	86
4	Data model of a Room	87
5	Pseudo UML for product element handling	88
6	Data model of cancellation policy	95
7	Pseudo UML for cancel policy handling	96
8	Pseudo UML for No-Show policy handling	100
9	Data model of a product	108
10	Pseudo UML for product handling	117

## List of Tables

1	Conventions	3
2	Certification Types of PMS	25
3	Object Type Codes	211

4	Room Type Codes	211
5	CultSwitch Name Attributes	212
6	Property Class Type	213
7	Index Point Code	213
8	Property Class Type	214
9	Hotel Amenity Codes	215
10	Hotel Amenity Codes	216
11	Hotel Amenity Codes	217
12	Hotel Amenity Codes	218
13	Hotel Amenity Codes	219
14	Hotel Amenity Codes	220
15	Hotel Amenity Codes	221
16	Hotel Amenity Codes	222
17	Hotel Amenity Codes	223
18	Hotel Amenity Codes	224
19	Age Qualifying Code	225
20	Inventory Count Type	225
21	Recreation Service Type	226
22	InvTypeCode_Product Element Categories	227
23	Attribute Abbreviation for week days	228
24	Supported Credit Cards	229
25	Room Amenity Code	230
26	Room Amenity Code	231
27	Room Amenity Code	232
28	Room Amenity Code	233
29	Room Amenity Code	234
30	Room Amenity Code	235
31	Reference Point Category Code	236
32	Unit of Measure Code (UOM)	237
33	Address Use Type (AUT)	237
34	Relationship Codes	238
35	Option Type Code	238
36	Payment Type	239
37	Supported Guarantee Types	239
38	Market Codes for Source of Business	240
39	Market Codes for Source of Business	241
40	CultSwitch name attributes for requesting PriceCalculationInfo	241
41	Accommodation Classifications	242
42	Location Category Codes	243
43	Distributed Systems	243
44	Pets Policy Code (PET)	244
45	Credit Card Types	244
46	Guest Room Info (GRI)	245
47	Meal Plan Type (MPT)	245
48	Meeting Room Code (MRC)	246
49	Business Svc Type (BUS)	247
50	Recreation Svc Detail Code (REC)	247
51	Attraction Category Code (ACC)	247
52	Main Cuisine Code (CUI)	248
53	OTA-Picture Categories (PIC)	248
54	Other OTACodes	249
55	Supplement Types	249
56	Accommodation Type Codes	250





57	Hotel Classifications . . . . .	250
58	Additional Features . . . . .	251
59	Product/Room Amenities . . . . .	252
60	Product/Room Amenities . . . . .	253
61	Product/Room Amenities . . . . .	254
62	Product/Room Amenities . . . . .	255
63	Product/Room Amenities . . . . .	256
64	Product/Room Amenities . . . . .	257
65	Product/Room Amenities . . . . .	258
66	Product/Room Amenities . . . . .	259
67	Product/Room Amenities . . . . .	260



# 1 Overview

## 1.1 CultSwitch Process Flow

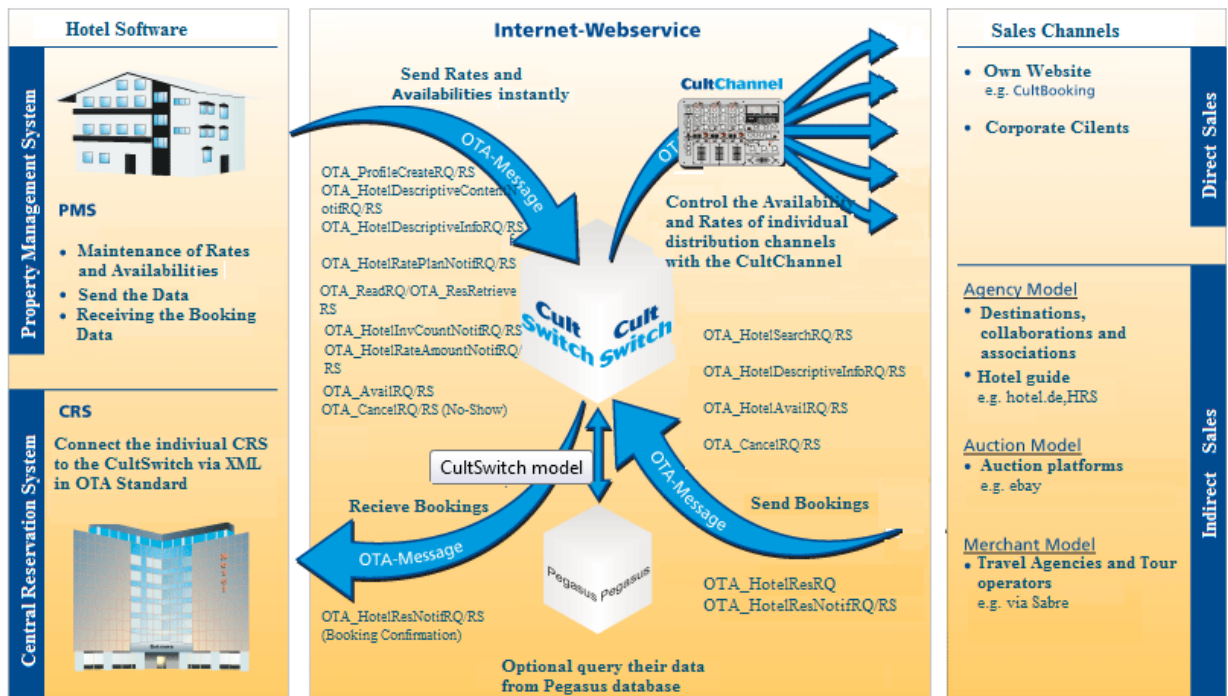


Figure 1: CultSwitch Process

## 1.2 Targeted Users

Name	Description	Messages
PMS & CRS	Property Management System & CRS	<p><i>OTA_ProfileCreateRQ/RS</i></p> <p><i>OTA_HotelDescriptiveContentNotifRQ/RS</i></p> <p><i>OTA_HotelDescriptiveInfoRQ/RS</i></p> <p><i>OTA_HotelRatePlanNotifRQ/RS</i></p> <p><i>OTA_ReadRQ/OTA_ResRetrieveRS</i></p> <p><i>OTA_HotelInvCountNotifRQ/RS</i></p> <p><i>OTA_HotelRateAmountNotifRQ/RS</i></p> <p><i>OTA_HotelAvailRQ/RS</i></p> <p><i>OTA_CancelRQ/RS</i></p> <p><i>OTA_HotelResNotifRQ/RS</i> (Booking Confirmation)</p>
Distributors	Distributors ( Channels )	<p><i>OTA_HotelSearchRQ/RS</i></p> <p><i>OTA_HotelDescriptiveInfoRQ/RS</i></p> <p><i>OTA_HotelAvailRQ/RS</i></p> <p><i>OTA_HotelResRQ/RS</i></p> <p><i>OTA_HotelResNotifRQ/RS</i></p> <p><i>OTA_CancelRQ/RS</i></p> <p><i>OTA_HotelRoomListRQ/RS</i></p> <p><i>OTA_HotelAvailNotifRQ/RS</i></p>

**cultuzz.**

## 1.3 Contact Details

If you have any queries, please contact us at [partner-management@cultuzz.com](mailto:partner-management@cultuzz.com). If you have any suggestions or improvement ideas, you are whole heartedly welcome.



## 1.4 Revision History

Version	Message	Description
CultSwitch-3.4.0	Add new HTTPS url	Added new endpoint url with HTTPS (in Section 4.1).
	Add new market codes	Added new market codes in CultSwitch Spreadsheets (in Section 11.22).
CultSwitch-3.3.9	OTA_HotelRatePlanNotifRQ	New attribute "ExistsCode" is added in "Address" Element (in Section 5.7.3).
	OTA_ReadRQ/OTA_ResRetrieve	CultSwitch is now providing "Credit Card information" in Encrypted format when PMS asks the request with ReqRespVersion "3.41" and above (in Section 5.4.2).
		Now CultSwitch provides Add-Ons in separate elements when PMS asks request with ReqRespVersion "3.42" (in Section 5.4.2).
	OTA_HotelResNotifRQ	Now CultSwitch supports Add-Ons in separate elements (in Section 5.13.1).
		New element "Reference" is added (in Section 5.13.1).
	OTA_HotelDescriptiveContentNotifRQ	CultSwitch supports Additional Features for Distributors (in Section 9.2).
	CultSwitch Spreadsheets	Added CultSwitch supported Additional Features (in section 11.40).
CultSwitch-3.3.8	OTA_ProfileCreateRQ	CultSwitch provides 'Salt-Code' (Second Level Authentication) while creating an Object. Description added in Glossary along with the respective XML Elements (in Section 5.1.1).
	OTA_HotelDescriptiveContentNotifRQ	New element "AddressLine" is added in "Address" Element (in Section 5.2.1).
	OTA_HotelDescriptiveInfoRQRS	New element "AddressLine" is displayed in "Address" Element (in Section 5.3.2).
		CultSwitch provides the list of All Policies (Cancel, No-Show and Payment Policies) under specified Hotel (in Section 5.7.9).
	OTA_ReadRQ/OTA_ResRetrieve	CultSwitch provides the list of reservations for different type of BookingNumbers (channelBookingID, cltzBookingID) also (in Section 5.4.1).
		New Search criterion is added (in Section 5.4.1).
CultSwitch-3.3.7	OTA-Messages	Object-Channel Mapping & Product-Channel Mapping information is added (in section 3.17).
	OTA_HotelDescriptiveContentNotifRQ	CultSwitch allows Decimal values up-to two digits in 'Distance' attribute of "RefPoints" element (in section 5.2.1).
	OTA_HotelDescriptiveInfoRS	CultSwitch will provide the Decimal values up-to two digits in 'Distance' attribute of "RefPoints" element, if the Hotel specified the Distance in decimal points (in section 5.3.2).
	OTA_HotelRatePlanNotifRQ/RS	CultSwitch supports different types of Promotion Codes under which category the product is created (added as a comment in section 5.7.10).
	OTA_HotelRatePlanNotifRQ	Added another 'RatePlan' element in "Integrated Channel Management" which describes the product mapping to a specific channel along with the additional features that are supported by the channel via CultSwitch (in section 9.9).
	OTA_HotelAvailRS	CultSwitch provides another 'ListItem' element in the response while checking of "Product Conditional Availability feature" (in section 5.9.4).
	CultSwitch Spreadsheets	Added new codes in InvTypeCode_Product Element Categories table (in section 11.10).
		Added new Relationship Codes (REL) (in section 11.17).
CultSwitch-3.3.6	OTA_ResRetrieveRS	To avail the reservation Guarantee Type information, PMS needs to certify for new version and should send OTA_ReadRQ request with mandatory attribute "ReqRespVersion" with version "3.40" (in section 5.4.2). If reservations are being notified to PMS by Cultuzz, to avail this feature, PMS needs to contact us.
	OTA_HotelRatePlanNotifRQ/RS	CultSwitch provides Policy names and description in multiple languages

**cultuzz.**

Version	Message	Description
CultSwitch-3.3.6	OTA_HotelRatePlanNotifRQ/RS	PMS can utilize Lowest Possible Price feature. If a Lowest Possible Price is set for the Hotel, PMS will not be able to update Prices lower than the Lowest Possible Price already set (in section 5.7).
CultSwitch-3.3.5	OTA_HotelRoomListRQ/RS	CultSwitch pushes the available rooms and available products to Partner Systems through notifications (in section 5.14).
	OTA_HotelAvailNotifRQ/RS	Channel can request CultSwitch to re-push notifications. CultSwitch sends success response and then sends OTA_HotelRoomListRS to Channel (in section 5.14.3).
	CultSwitch Spreadsheets	Added new OTA-Picture Categories (PIC) codes and description (in section 11.34).
	OTA_CancelRS	CultSwitch provides extra information with the "Cancellation Policies" in <TPA_Extension> element that indicates whether the policy was applied or met. At CultSwitch, if the Channel is configured to enable "isRequest-ForListinglist" feature, then CultSwitch sends the list of Cancellation Policies in <TPA_Extension> element, along with Success response. (in section 5.11.2).
	OTA_ResRetrieveRS	New XML fragment <ResGuest> is added to represents the guest information for the whole booking, apart from Room Level Guest information (in section 5.4.2).
		Booking reply ("3.40") is exclusively used to send modified booking details with modified status(type="16") (ModifiedTo) and newly generated booking details with booking status(type="14") along with modified booking details (in section 5.4.2).
	OTA_HotelDescriptiveContentNotifRQ	A new feature <a href="#">AutoReplenishment</a> is added (in section 5.2.1). "ContractName", "IncomingOfficeCode" and "SequenceCode" attributes are added in "RegistrationInfo" element (in section 9.1).
	OTA_HotelRatePlanNotifRQ	Provides the newly added attributes "InvBlockCode" and "RoomCategory" in "Room" XML element (in section 5.7.3).
CultSwitch-3.3.4	OTA_ReadRQ/OTA_ResRetrieve	Provides the Channel ID/Distributor ID to the PMS in the attribute "MarketCode" (in section 5.4.2).
	CultSwitch Spreadsheets	Provides the newly added Market Code and also description about Market Code in the table <a href="#">Market Codes for Source of Business</a> (in section 11.20).
CultSwitch-3.3.3	OTA_ProfileCreateRQ	Provides the Auto generated mail Templates to the Hoteliers while creation of an Object (in section 5.1.3).
	OTA_HotelDescriptiveContentNotifRQ	Added new attribute "CompanyName" in Integrated Channel Management (Object - Channel mapping and demapping for both Push and Pull channels (in section 9.1)).
	OTA_HotelDescriptiveInfoRS	The above new attribute "CompanyName" can get in the response of Get Distributor's Connection Status List XML (in section 9.2). CCM extensions like Min Limit, Max Limit Values, Label Name and Data-Type of each Capability (Listing the Capabilities of a Channel (in section 9.4)).
	OTA_ReadRQ/OTA_ResRetrieve	Added an example for Multiple products Reservation in the Response XML (in section 5.4.2).
	OTA_HotelRatePlanNotifRQ	Providing <a href="#">Guarantee Type Switching</a> option while a Product creation and updation (in section 5.7.10).
	Channel Administration	CultSwitch provides Creation, Updation and Deletion of a Channel Group and Channel (in section 7).
	CultSwitch Spreadsheets	Provides newly added <a href="#">Hotel Amenity Codes (HAC)</a> and <a href="#">Room Amenity Codes (RMA)</a> (in sections 11.6 and 11.13)

**cultuzz.**

Version	Message	Description
CultSwitch-3.3.2	OTA_HotelDescriptiveContentNotifRQ	Possible to set the <a href="#">Guaranteed Allotment</a> Status (Active/Deactive) of a specific channel.
	OTA_HotelDescriptiveInfoRQ	Provides the <a href="#">Guaranteed Allotment</a> Status of a specific channel.
	OTA_ReadRQ	Requesting Booking details based on Multiple Search Criteria.
CultSwitch-3.3.1		Requesting Cancellation details based on specific date.
	OTA_HotelDescriptiveContentNotifRQ	BookingService can be <a href="#">online/offline</a> for a specific period/unlimited period.
		Scheduling Channel Connection Status - Channel connection can be Activate/DeActivate for a specific period/unlimited period.
	OTA_ReadRQ	Requesting booking details based on <a href="#">Past/Current/Future</a> bookings.
		Requesting booking details of all Cancelled Bookings.
		Requesting bookings and cancellations details by other search criteria like Arrival Date, Stay Date, Stay Period, Booking Date, Bookings date range and Booking ID.
	OTA_HotelSearchRQ	Search accommodations by Software ID for PMS.
	OTA_HotelProfileCreateRQ	Scheduling Contract Updation.
	CultSwitch-3.3.0	OTA_HotelDescriptiveContentNotifRQ Possible to set hotelier expectations by the accommodation providers.
	OTA_HotelDescriptiveInfoRS	Lists the capabilities of each channel.
CultSwitch-3.2.1		Provides hotelier expectations.
		Provides channel level products.
	OTA_HotelRatePlanNotifRQ	Accepts product <a href="#">PurchasePeriod</a> and VoucherValidity.
		Mapping Cultuzz product to push and pull channel distributors.
	OTA_HotelResNotifRQ	Getting booking confirmation from PMS.
	OTA_ReadRQ	Requesting bookings and cancellations details by other search criteria like by Guest Name, Distributor ID and ProductElement ID.
		Providing booking extra information like booking sent time to PMS etc.
	OTA_HotelDescriptiveContentNotifRQ	Accepts accommodation level <a href="#">AvailabilitySplitting</a> conditions for different distributors.
		Accepts "LegalRepresentative" value.
		Providing uniqueness for each and every description.
		Accepts "IBAN" value through bank information.
		Accepts information regarding accommodation commercial registration via <a href="#">EcommerceInfo</a> .
	OTA_HotelDescriptiveContentNotifRQ	Accepts Accommodation - Channel mapping and demapping for both Push and Pull channels.
	OTA_HotelResNotifRQ	Expanded <a href="#">RoomLevelGuestCounts</a> on per roomId basis.
	OTA_HotelAvailRS	Added process for Selling NonRoomProductElements alone.
CultSwitch-3.2.0		Provides availability and prices for ExactGuestCount (for Distributors).
	OTA_HotelAvailRS	Provides availability and prices for requested quantity (for Distributors).
		Added new ListItem for ProductNonRoomValidity (for Distributor).
		Displays <a href="#">StayPolicy</a> , <a href="#">StaySupplementApply</a> , 'Short Stay Surcharge and Long Stay Discount', <a href="#">Availability Blocking</a> in PMS availability response.
	OTA_HotelRateAmountNotifRQ	Accepts <a href="#">weekdays validity</a> for MinLOS/MaxLOS.
		Weekdays validity for all three Pricing Groups.
		Inserting price for future dates without availability and validity.
		Accepts <a href="#">StayPolicy</a> , <a href="#">StaySupplementApply</a> , 'Short Stay Surcharge and Long Stay Discount'.
		Accepts <a href="#">Availability Blocking</a> for weekdays.

**cultuzz.**

Version	Message	Description
CultSwitch-3.2.1	OTA_HotelResRQ	Expanded RoomLevelGuestCounts on per roomId basis. Reserving multiple products of same room type and multiple products of different room type.
	OTA_ResRetrieveRS	Providing partner productID to PMS. Providing "NoShow" bookings to PMS.
	OTA_ResRetrieveRS	Expanded <a href="#">RoomLevelGuestCounts</a> on per roomId basis. Listing PMS and PMS Software listing.
	OTA_HotelInvCountNotifRQ	Added weekdays for inventory.
	OTA_HotelSearchRQ	Search accommodations by Amenities.
	OTA_HotelProfileCreateRQ	Dividing OTA_ProfileCreateRQ into two parts (Creating Accommodation/UserID). Creation, Updation and Deletion of Corporate contractor and contract. PMS company creation and software creation. Certifying the AgentSine.
	OTA_ProfileReadRS	Getting all Contractors and their Contracts for each Contractor.
	OTA_HotelDescriptiveInfoRS	Pushes <a href="#">StaySupplements</a> , pictures/images ( <a href="#">ProductPicture</a> ) and address ( <a href="#">ProductAddress</a> ) exclusive for product.
	OTA_HotelRatePlanNotifRQ	Accepts HotelDescriptiveInfo notification to subscribers whenever any product element is created/updated/deleted.
	OTA_HotelRatePlanNotifRQ	Accepts <a href="#">StaySupplements</a> , pictures/images ( <a href="#">ProductPicture</a> ) and address ( <a href="#">ProductAddress</a> ) exclusive for product.
CultSwitch-3.2.0	OTA_HotelAvailRQ	List the availability based on the quantity given under 'Quantity' attribute of OTA_HotelAvailRQ.
	OTA_HotelAvailRS	Sends <a href="#">ChildDiscounts</a> , <a href="#">StaySupplements</a> , <a href="#">ProductPicture</a> , <a href="#">ProductAddress</a> , <a href="#">ReceptionTimings</a> , <a href="#">ChildBasePrice</a> , <a href="#">BasePriceCalculationLogic</a> . Delivers Cancel Policies, <a href="#">No-Show</a> Policies, Arrival days and Departure days on day level basis.
	OTA_HotelRateAmountNotifRQ	Accepts and processes the <a href="#">PricePerOccupancy</a> (PP) on day level. Accepts and processes arrival days, departure days and <a href="#">WeekDaySupplements</a> on day level basis. Accepts Cancel Policies and <a href="#">No-Show</a> Policies on day level basis.
		Follows 2010B OTA-Specification. Accepts <a href="#">ChildDiscounts</a> (CD) same as rates and base price for child as <a href="#">ChildBasePrice</a> . Accepts basic price calculation logic on the guest count as <a href="#">BasePriceCalculationLogic</a> .
	OTA_HotelResRQ	Makes reservations and cancellations by considering the features like CancelPolicies, NoShowPolicies, Arrival days and Departure days on day level basis. Allow the user to specify the room level guest count when multiple units of products are reserved.
		Added 'Status' for communication between CultSwitch To <a href="#">CRS</a> & CRS To CultSwitch for both booking and cancellation. The values could be like 'Book', 'Cancel', 'Cancelled' etc.
		Accepts guest count per room basis (multiple guest count). Accepts LastModifyDateTime from HotelReservation element. Accepts Series Code (CVV Code) along with the Credit card data. Accepts multiple comments from RoomStay and ResGuest elements.
CultSwitch-3.1.6	OTA_HotelResNotifRQ	

**cultuzz.**



Version	Message	Description
CultSwitch-3.1.6	OTA_HotelResNotifRQ	Accepts multiple guest profiles, other than booker profile.
		Now accepts more types of Credit cards listed in table <a href="#">Supported Credit Cards</a> .
	OTA_HotelResRQ	Provides detailed warnings for invalid bookings.
		Considers booking rules and policies (that are given at creation time of the product) while performing the reservation.
	OTA_HotelAvailRQ	Considers BookingID of a Channel (or source of booking) (for ex: eBay, etc.,).
		Accepts multiple AvaiRQSegments, with different values in <a href="#">InfoSource</a> attributes.
	OTA_HotelAvailRQ	Handles Corporate Rates.
		<a href="#">CorporateRates</a> : Accepts the RatePlanCode with RatePlanType=4 from RatePlanCandidate element to search Special products which belongs to the respective <a href="#">distributors</a> and bound to given CorporateCode (RatePlan-Code).
		Now possible to use multiple AvaiRQSegments with multiple criteria.
		Sends the last updated time of the inventory availability.

**cultuzz.**

## 1.5 Glossary

SI.No.	Name	Description
1	AcceptedPayment	AcceptedPayment holds payment card code and its number. These payment card codes are listed under <a href="#">Supported Credit Card</a> table.
2	Accommodation	Refers all accommodation types including hotels, motels, apartments, properties, resorts etc.
3	Accommodation Amenity	Identifies the types of amenities offered by the accommodation.
4	AccommodationCategory	Defines under which a particular accommodation is categorised (e.g., golf, ski, bed and breakfast).
5	AccommodationID/ObjectID	A unique identifier assigned by CultSwitch system to an accommodation for future reference purpose.
6	AdvanceBookingOffset	See: <a href="#">Min AdvancedBookingOffset</a> , <a href="#">Max AdvancedBookingOffset</a> .
7	Advanced Payments/PrePay	Specifies the advance amount to be paid at the time of booking. This would typically be some percentile of the total booking cost or some fixed amount.
8	AgentDutyCode	An authority code assigned to a requestor, similar to password.
9	AgentSine	Identifies the party within the requesting entity, similar to username.
10	ArrivalDaysOfWeek	The days of week on which a guest is allowed to arrive.
11	Auction Start Price	For auction based websites/sellers, it is required that a product need to have an auction starting price with which it will start to sell. The bidders will then bid their amounts on top of this starting price. For example, if a product's regular price is 100EUR, the product's Auction start price could be as low as 1EUR where upon the bidders will start bidding.
12	AuthToken	An Authentication token (username and password) sent via e-mail/FAX to the registered Distributor/PMS after their successful registration. This will be useful with the <a href="#">OTA_ProfileCreateRQ</a> message.
13	AutoReplenishment	Channel receives an update without increment in Availability for those Objects whose feature is in Deactivate mode at the time when Booking marked as a Cancellation and sends Confirmation email to Hotelier and Vice-versa. By default AutoReplenishment is in Active state.
14	AvailableDaysOfWeek	The days of week on which the product/room is available for booking.
15	Award	Identifies the accommodation ratings.
16	BookingChannelType	Identifies the requestor entity, either as <a href="#">PMS</a> (value 4) or as a <a href="#">Distributor</a> (value 7).
17	BookingRule	The BookingRule element defines restrictions to rates and stays at the accommodation for a given rate plan, room type or 'rate plan - room type' combination.
18	Bucher ID	An unique ID assigned by CultSwitch to a Booker while making a reservation. This is not the Reservation id.
19	BuyItNow Price	For auction based websites/sellers, it is required that a product need to have an auction starting price with which it will start to sell. Along with the auction start price, the owner of the product can also indicate a "Buy It Now Price", a fixed amount, for buying the product directly for that price instead of going through the bidding process.
20	CancelPenalty	Defines the cancellation penalty of the accommodation facility. If a person fails to come for the arrival day, she/he is charged according to the policy defined in CancelPenalty.
21	Check-In Time	A Check-In time is the time at which a guest is permitted to have access to his/her booked <a href="#">accommodation</a> . They can usually fulfill all of the required paperwork for checking in prior to this time.
22	Channel Management(room logic)	In Cultuzz Channel Management we provide the possibility that a particular channel is treated differently from other channels.
23	Check-Out Time	A Check-Out time is the time by which the guest needs to vacate the booked accommodation room.
24	Channel ID	A unique identifier assigned by CultSwitch system for each channel to which it is tied up with, like Booking.com, Expedia, Hotel.de, HRS etc.
25	Corporate Rate	Some distributors may have special products at special rates or with special offers. These rates are identified as Corporate rates.
26	CRS	Central Reservation System.

**cultuzz.**

Sl.No.	Name	Description
27	CltzProductElement	CltzProductElement identifies a ProductElement within a specific context, usually within a Rate container.
28	CltzProductElementValidity	The period of time for which the product element is valid for booking.
29	Conditional Availability	The logic that restricts the availability based on certain rules on daily price. In other words, if a price rule says that given a surcharge of 10% on daily price, and a fixed referral price of 100 EUR, the availability will only be shown for those dates, whose daily prices which when added a surcharge of 10% are less than or equal to 100EUR. For ex: if the daily price is 50EUR and if the surcharge is 10%, and the fixed referral price is 100EUR, then $50 + 10\% = 55\text{EUR}$ . Since 55EUR is less than 100EUR, this date is shown in availability. If the daily price is 150EUR, then $150 + 10\% = 165\text{EUR}$ is greater than 100EUR and hence this date will not be shown in availability.
30	CSI	Customer Service Interface. A web interface provided by Cultuzz for accommodation holders and distributors to manage their accommodation(s).
31	CultBooking	A free booking engine offered and hosted by Cultuzz® (popularly known as CultBooking Centralized Version: <a href="http://www.cultuzz.com/cultbooking-centralized-version?Itemid=0">http://www.cultuzz.com/cultbooking-centralized-version?Itemid=0</a> ) for each accommodation that is registered with CultSwitch. CultBooking is also available for free download as an OpenSource (popularly known as CultBooking OpenSource Version: <a href="http://www.cultuzz.com/cultbooking-open-source?Itemid=0">http://www.cultuzz.com/cultbooking-open-source?Itemid=0</a> ) which could be downloaded, customized and hosted on the accommodation provider's own website.
32	Cultuzz Customers	An accommodation or a distributor within this document at times is referred to as a Cultuzz Customer.
33	CultuzzAccommodationCode	A unique identifier assigned by CultSwitch system to an accommodation for future reference purpose. Also referred to as ObjectID.
34	CltzInventoryValidity	CltzInventoryValidity specifies validity for a particular product element.
35	DepartureDaysOfWeek	The days of which a guest is allowed for a departure. For ex: If "Wednesday" is not enabled as a departure day, then the guest is not allowed to perform a booking that requests a departure on a "Wednesday".
36	DistribSystem	A distribution system which sells one or more accommodations, typically a GDS, Channel manager, Wholesaler etc.
37	DayBlock	Blocking availability for a particular channel on some particular days.
38	Distributor	A distributor is an entity that sells one or more accommodations.
39	Distributor Credentials	The credentials (AgentSine and AgentDutyCode) that needs to be used to successfully authenticate as a distributor. Once a new accommodation profile is created successfully with OTA_ProfileCreateRQ, an e-mail containing the credentials is sent to the e-mail contact given within the request.
40	Dow-Restriction	A collection of Day Of Week restrictions. These are the restrictions for an inventory/product to perform a booking. For ex: <a href="#">ArrivalDaysOfWeek</a> , <a href="#">DepartureDaysOfWeek</a> , etc.
41	ElementID	A unique identifier assigned by CultSwitch system to a Product Element for future reference purpose..
42	GDS	Global distribution systems, popularly known as a computerized reservation network worldwide used as a single point of access .
43	GuaranteeCode	This code specifies the GuaranteeType provided under "Supported Guarantee Types".
44	Guaranteed Allotment	Guaranteed Allotment allows a hotelier to guarantee a fixed availability for a particular channel. Once the contract is signed between the hotelier and the channel manager, the channel manager can expect a guaranteed availability of a fixed amount for the specified period as mentioned in the contract. A guaranteed allotment must be accompanied with a <a href="#">Release Time</a> explained further below with an example.
45	GuarenteedInd	GuarenteedInd indicates that this is a possible arrival day. Current release of CultSwitch will always sends "true".
46	GuaranteeType	This specifies the type of guarantee declared against to <a href="#">GuaranteeCode</a> under "Supported Guarantee Types" like None, GuaranteeRequired (email verification) and CC/DC/Voucher (credit card).

**cultuzz.**

Sl.No.	Name	Description
47	InfoSource	With OTA_HotelAvailRQ now it is possible to send multiple search criteria with multiple AvailRequestSegment elements. InfoSource is used to identify each search criteria with a unique name. The response returned with OTA_HotelAvailRS is distinguished with the same InfoSource identifier present in a RoomStay.
48	Incomplete Bookings	The bookings arriving with missing fields of required information are called "Incomplete Bookings". In such cases, those bookings cannot be ignored but resolved manually by Cultuzz Interface team to make them as Valid Bookings.
49	Integarted Channel Management	which means that the Channel Manager is completely invisible and the entire channel management can be done by the accommodation provider on the user interface of the PMS.
50	Invalid Bookings	The Bookings that arrive from the channels, having invalid elementary information are termed as "Invalid Bookings".
51	InvCode	Code that identifies an inventory item. These are assigned by the target system during the creation process of this inventory item.
52	InventoryPricelnTime	It identifies a price within a specific period of time for a particular inventory. CultSwitch allows to define several prices for several periods of time.
53	Inventory	The inventory within CultSwitch is identified primarily as a sellable Room and secondarily as any sellable accommodation's amenity, service or feature.
54	InventoryCodes	A code assigned by CultSwitch system to an inventory as a reference.
55	Invgroupingcode	The identification of the inventory grouping. Whether to use the sending/querying or the receiving/responding system's identification depends on which system is doing the translation.
56	LocationCategory	Defines the general location of the accommodation near to, such as airport, suburban, downtown, etc.
57	LongStayDiscountAndShortStaySurcharge	For a period of long stay, an accommodation can offer a discount in the form of percent or amount for that stay period. These discounts may or may not differ from room to room for the same accommodation.  For a period of short stay, an accommodation can apply a surcharge in the form of percent or amount for that stay period. These surcharge may or may not differ from room to room for the same accommodation.
58	LatestUpdateTime	LatestUpdateTime refers to the most recent time among a list of date-time entries. This entry is used with OTA_HotelAvailRS to explain when is the latest modification time of a particular availability.
59	Length of Stay	The number of stay days calculated from the Arrival day till the day prior to Departure day. For ex: if the arrival day is on 2nd Sep 2010 and departure day is 4th Sep 2010, then the length of stay will be 2 days calculated as on 2nd and 3rd of Sep 2010. Also see: <a href="#">MinLOS</a> , <a href="#">MaxLOS</a> .
60	MarketCode	MarketCode is a distribution channel where booking was originated. The list of MarketCodes and their SourceOfBusiness can be found in the table <a href="#">MarketCodes</a> specified in appendix.
61	MaxAdvancedBookingOffset/Last Minute	Maximum number of days before which we can make reservation, i.e, the days between date of booking and date of arrival. For ex: if MaxAdvancedBookingOffset is given as 3 days and date of arrival is 4th of May, then the booking is only possible from the 1st of May (3 days).
62	MaximumAllotment	MaximumAllotment restricts a particular channel in booking availability of a specific room type..
63	MaxLOS	Defines the maximum length of stay starting from the arrival day. A booking is not possible, if it requests for a stay period of more than the given number of days in MaxLOS value.
64	MaxOccupancy	The maximum allowed number of persons that could occupy the given entity (room/product). Beyond this limit, extra person is not allowed even on extra payment. MaxOccupancy value must be greater than or equal to StandardOccupancy if defined. For example, if a 3 bedroom's <a href="#">standard occupancy</a> is 3, there could be defined a maxoccupancy of 5 for which 2 persons will be charged extra. However, 6th person is not allowed to share this room. It is very important to read section <a href="#">Occupancy</a> under glossary to understand how CultSwitch deals with occupancy before proceeding further.



Sl.No.	Name	Description
65	MessageSignatureKey	A unique identifier key that is generated for a given XML request as per the guidelines provided in this document at section: <a href="#">CultSwitch-Message Validation</a> . This key when transferred to CultSwitch along with the request message, helps CultSwitch validate the message correctness to confirm that it has not been changed over the wire.
66	MinAdvancedBookingOffset/Early Bird	The minimum number of days one can make a reservation before arrival date. After this period the booking for the Inventory is not possible. For ex: if MinAdvancedBookingOffset is given as 3 days and date of arrival is 4th of May, then the booking is only possible before (until) 1st of May (3 days). Starting 1st of May, the bookings are closed for this arrival date of 4th May.
67	MinLOS	Defines the minimum length of stay starting from the arrival day. A booking is not possible, if it requests for a stay period of less than the given number of days in MinLOS value.
68	MinOccupancy	The minimum allowed number of persons that could occupy the given entity (room/product). Below this limit, booking might not be possible. MinOccupancy value must be less than or equal to StandardOccupancy if defined. For example, if a 3 bedroom's <a href="#">standard occupancy</a> is 3, there could be defined a minoccupancy of 2 for which there might be a discounted price. However, if less than 2 persons, i.e., if 1 person wants to book the room, it is either not allowed, or needs to pay the full amount of either 2 persons or the default room price which would be defined in accommodation's policies. It is very important to read section <a href="#">Occupancy</a> under glossary to understand how CultSwitch deals with occupancy before proceeding further.
69	No-Show	Once a booking is done, there is a possibility that the guest doesn't cancel the booking and also the guest doesn't show up at the accommodation. This is typically termed as a No-Show by guest at the accommodation.
70	Object-Channel Mapping	Mapping an object to channel by providing a basic information regarding the connection.
71	OffsetDropTime	OffsetDropTime with accepted values "BeforeArrival", "AfterBooking" or "After-Confirmation".
72	OffsetTimeUnit	OffsetTimeUnit with accepted values "Month", "Week", "Day" or "Hour".
73	OffsetUnitMultiplier	OffsetUnitMultiplier value range is [0,999], which is a multiplier of the value specified under OffsetTimeUnit.
74	OldestUpdatedTime	Oldest updated time refers to the first/oldest time among a list of date-time entries. This entry is used with OTA_HotelAvailRS to explain when is the oldest modification time of a particular availability.
75	OTA	Open Travel Alliance is a community where companies in the electronic distribution supply chain work together to create an accepted structure for electronic messages, enabling suppliers and distributors to speak the same interoperability language, trading partner to trading partner. <a href="http://www.opentravel.org">http://www.opentravel.org</a>
76	OTA-CodeTable	A list of codes categorized as groups, identified by OTA and published along with its specifications. A sample can be found at <a href="http://www.opentravel.org/2007B/OTA_CodeTable.xsd">http://www.opentravel.org/2007B/OTA_CodeTable.xsd</a>
77	Occupancy	<p>Due to the way the OTA specifications are defined, there is no straightforward way to consider all three occupancies: <a href="#">StandardOccupancy</a>, <a href="#">MinOccupancy</a> and <a href="#">MaxOccupancy</a>. For this reason, declaring occupancy is defined in two ways:</p> <p>1) If only MaxOccupancy is specified with &lt;GuestRoom&gt;-MaxOccupancy and standard occupancy is not defined, then the MaxOccupancy is considered as both standard occupancy and maximum occupancy. In which case, the attribute 'Max-Occupancy' value must be the same as defined in the appendix under section: <a href="#">Additional Detail Codes</a> for the selected Room Type.</p> <p>2) If both MaxOccupancy and StandardOccupancy are defined, &lt;TypeRoom&gt;-StandardOccupancy value must be the same as defined in the appendix under section: <a href="#">Additional Detail Codes</a> for the selected Room Type, and &lt;GuestRoom&gt;-MaxOccupancy value can be anything greater than or equal to standard occupancy.</p> <p>If MinOccupancy is defined: &lt;TypeRoom Name="MinOccupancy" Count="X"/&gt;, the value must be less than or equal to StandardOccupancy. However if MinOccupancy is not defined, then the default value of "1" is taken as minimum occupancy.</p>

**cultuzz.**

Sl.No.	Name	Description
78	PaymentPolicies	PaymentPolicies are used to specify the payment mode for a particular room or a product. Each PaymentPolicy should have specific period with a defined price along with a guarantee type.
79	PMS	Property Management System: A system that allows to maintain the whole static and dynamic information of, typically an accommodation.
80	POS	Point of Sale. POS provides a mechanism to indicate the source of the message, often used for authentication purposes within CultSwitch.
81	Price Room Source/Additional Rate Categories	Price Room Source, identifies a specific rate attached to a RoomType. This rate can depend on daily price based on the various factors like NET rate, BAR rate and OTHER rate identified as PG1 (PriceGroup 1), PG2 and PG3. "Price Room Source" is often used to assign the price to a Product irrespective of whether the product contains this RoomType or not. Some of the Channel managers refer to "Price Room Source" as "Additional Rate Categories".
82	Product	A product is defined as a basket of product elements (room type, breakfast, car parking, airport transfer, cot etc.) and has got attributes (price, discounts, payment method, cancellation rule, validity period, minimum length of stay etc.).
83	Product-Channel Mapping	Accommodation Provider can map a product to a channel using the below request. If ICM is enabled for this requestor, then CultSwitch system checks the CCM and HEM and then allows or disallows the product to be mapped to that channel.
84	ProductElement	A product element can be a room, service, amenity, tour or any other element that could be used to create a sell-able product. A sell-able product can contain one or more such elements.
85	ProductID	An ID assigned to a particular product within CultSwitch for reference also referred to as <a href="#">RatePlanID</a> .
86	RateInfoDetails	The OTA_HotelAvailRQ can be requested in two ways. One with ResponseType="RateInfoDetails" and another without the ResponseType attribute. Without the ResponseType attribute is the default, where the availability is calculated using the criteria available for this request and each room/product available under the criteria is then filtered again based on its own constraints like Min/Max LOS, Min/Max AdvanceBookingOffset, <a href="#">Arrival/Departure/Available</a> days and only the final filtered rooms/products are given. Where as with ResponseType="RateInfoDetails", all the rooms and products that match the given search criteria are provided in the response. Along with the response, for each room/product given will also contain the criteria values like Min/Max LOS, Min/Max AdvanceBookingOffset etc. It is the duty of the requestor to calculate from the response, whether the given room/product is available or not.
87	RatePlanID	An ID assigned to a particular product within CultSwitch for reference(also referred to as ProductID).
88	Release Time	Release time is always accompanied with <a href="#">Guaranteed Allotment</a> . The release time mentioned with the contract along side guaranteed allotment specifies that, within the duration of number of days (specified with Release Time) to the arrival date, the Guaranteed Allotment is not valid. In other words, if Release Time is specified as "4" days and Guaranteed Allotment is specified as "2", for the channel in question, an availability of "2" is Guaranteed until "4" days before arrival. If the booking date falls within the "4" days of arrival date, the availability is not guaranteed and can be less than or greater than "2".

**cultuzz.**

Sl.No.	Name	Description
89	ResGuestsRPH	This is a reference placeholder, used as an index for a guest in a particular reservation. It is used by the RoomStay and Service objects to indicate which guests are associated with each room stay or service. In CultSwitch context we used it as index to identify different room stays.
90	Room Amenity	Identifies the types of room amenities offered by the property. Refer to OTA-CodeTable Room Amenity Type ( <a href="#">RMA</a> ).
91	RoomID/RoomCode	A unique identifier assigned by CultSwitch system to an accommodation room for future reference purpose. Also referred to as <a href="#">Inventory Code</a> .
92	Salt-Code	An auto-generated code (Second Level Authentication), to view Guest Credit card details and Guest PII information.
93	Sellable products	A sellable product is one of the GuestRoom, MeetingRoom or InventoryBlock. Attributes of SellableProducts are the inventory codes, information on the use, application and sequencing of the inventory information.
94	StandardOccupancy	The default allowed number of persons that could occupy the given entity (room/product). For example, a Double bed room's standard occupancy will be 2 and a triple bedroom's standard occupancy will be 3. For a list of allowed room types and their occupancies, please see <a href="#">Additional Detail Codes</a> in the appendix. It is very important to read section <a href="#">Occupancy</a> under glossary to understand how CultSwitch deals with occupancy before proceeding further.
95	TPA_Extensions	Temporary extension points. As often, most of the time, the OTA specifications for each message do not fulfill all our requirements, OTA has provided the extension points within the XML schema for extended our own required XML structure which are referred to as TPA_Extension.
96	Travel Sector	The business model / sector under which the entity that is being registered belongs to.

**cultuzz.**

## 2 PMS Certification

For [PMS](#) software, it is mandatory to get Cultuzz PMS Certification, for a successful communication with CultSwitch. For each PMS software company, we create a test [accommodation](#) upon request. Using the test accommodation provided, PMS software needs to communicate with CultSwitch using the messages listed in the below table. Once the communication is successful, as per the below table, the PMS is certified for the respective certification.

Certification	Essential Messages
<b>PMS Certification 2009</b>	
	OTA_HotelInvCountNotifRQ (Availability per RoomType per day)
	OTA_HotelRateAmountNotifRQ (Price per RoomType per day)
	HotelReadRQ (To get the bookings from the last request to till now)
	GlobalReservationReadRequest (To get the bookings for specific period)
<i>*OTA_ReadRQ must precede within 3 minutes of initiating OTA_HotelInvCountNotifRQ</i>	
<i>*OTA_HotelInvCountNotifRQ, OTA_HotelRateAmountNotifRQ are allowed once a minute</i>	
<b>PMS Certification 2011</b>	
	<b>OTA_HotelRateAmountNotifRQ</b> along with capabilities to send
	send a per RoomType per day
	<a href="#">MinLOS</a> per RoomType per day
	<a href="#">MaxLOS</a> per RoomType per day
<b>PMS Certification 2012</b>	
	<b>OTA_HotelRateAmountNotifRQ</b> along with capabilities to send
	send a per RoomType per day
	<a href="#">ArrivalDays</a> per RoomType per day
	<a href="#">DepartureDays</a> per RoomType per day
	<a href="#">AvailableDays</a> per RoomType per day
<b>PMS Certification 2013</b>	
	<b>OTA_HotelRatePlanNotifRQ</b> along with capabilities to handle
	Product Logic
	<a href="#">Object-Channel Mapping</a>
	<a href="#">Product-Channel Mapping</a>
	<a href="#">Channel Management(room logic)</a>





## 2.1 Types of Certification

PMS (Property Management System) is a software application, that facilitates processing the requests between the accommodation and the channel manager. A PMS can be authenticated by certifying it. Once PMS is certified, it is allowed to be used by the accommodation.

The certification department will register a PMS with [agent sine](#) and [agent duty code](#) credentials, and provides a test accommodation account connected to this login. After a successful certification, these credentials will be unlocked for any accommodation to use this new interface.

The four levels of certifying a PMS are Basic, Premium, Standard and Integrated. Among them Basic, Premium and Standard are room based certifications, while Integrated certification is product based certification.

**\*Basic** type, certifies a PMS dealing with availabilities and bookings (incl. reservations, cancellations, modifications).

**\*Standard** type, certifies a PMS dealing with availabilities, rates and bookings.

**\*Premium** type, certifies a PMS dealing with availability, rates, bookings, [MinLOS](#) and [MaxLOS](#).

**\*Integrated** type, certifies a PMS that provides [Integrated Channel Management](#), which combines products with channels on PMS user interface. In this case, Cultuzz is no longer visible and will be working behind the scenes only.

The above certifications can be extended to Plus (+) certifications, such as **Basic +**, **Standard +**, **Premium +**, **Integrated +**, provided the PMS is capable of the Channel management via its interface. Channel management, is the possibility that a particular channel is treated differently from other channels by the Hotelier. For example, the hotelier may want to treat a particular channel in a different manner, by splitting availability based on the channel, varying price based on the channel, guaranteeing allotment based on the channel, etc.

Feature	Basic	Standard	Premium	ICM
Ping	✓	✓	✓	✓
Set Availabilities	✓	✓	✓	✓
Get Bookings	✓	✓	✓	✓
Get Cancellation	✓	✓	✓	✓
Get Modification	✓	✓	✓	✓
No Show	✓	✓	✓	✓
Set Rates		✓	✓	✓
Set MaxLOS			✓	✓
Set MinLOS			✓	✓
Set Arrival days			✓	✓
Set Departure days			✓	✓
Set Available days			✓	✓
Object-Channel Mapping				✓
Product Logic				✓
Product-Channel Mapping				✓
Channel Management(room logic)				✓

Table 2: Certification Types of PMS

**cultuzz.**

## 2.2 Certification Scenario

Certification process mainly deals with bookings, availability and rates in the form of XML requests and responses of OTA\_HotelInvCountNotifRQ/RS, OTA\_HotelRateAmountNotifRQ/RS, OTA\_ReadRQ/OTA\_ResRetrieve. The scenarios need to fulfill the following:

1. Test accommodation
2. Pilot accommodation

Using the test [accommodation](#) provided, PMS software needs to communicate with CultSwitch. Once the communication is successful as per the below scenario, the PMS is certified for the respective certification.

**The scenario is as follows:**



### 1. Ping

The OTA\_PingRQ message may be used for testing application connectivity.

### 2. Set Availability

#### 2.1. Sending of actual availability.

2.1.1. OTA\_ReadRQ has to come within 3 minutes before sending any availability with OTA\_HotelInvCountNotifRQ. This ensures the PMS to be updated about incoming bookings in the meantime before sending availability. Otherwise CultSwitch gives back an error.

2.1.2. Period Logic: In reference to the availability request and also for the availability update, the end date is always excluded.

Example: To set availability of "5" for a Double Room for 12th Jan 2012, PMS has to request for Double Room for a period of 12th Jan 2012 to 13th Jan 2012 where 13th Jan 2012 is excluded. In this case, only the availability of 12th Jan 2012 will be updated with "5".

2.1.3. Initial Request: Set availability for each room type for the period of selling in the future, atleast beginning today to till next 12 months.

Before an accommodation activates the CultSwitch online booking service it is intended to be updated for the entire period of the sale (12 months or more). Please note, otherwise the room availability has the setting of default value (full number of available rooms).

2.1.4. Set availability, for an each single change may be caused by an incoming booking as well (via the interface or via telephone).

### 3. Set Rates

**3.1. Rates Logic:** To update the room price per time span, we need to use OTA\_HotelRateAmountNotifRQ. It is necessary to send a 'RateAmountMessage' container for each room and each time span specified by the attributes 'Start' and 'End'. Just like how the end date is referenced in availability request above, the day which is stated within the attribute 'End' is excluded.

3.1.1. As an initial setting, rates have to be set for each and every room type for a period from today till next 12 months.

3.1.2. Requests to change rates for several single days and for several periods needs to be performed.

### 4. Get Bookings, Booking reply ("3.30")

**4.1. Booking Request:** For booking requests we use OTA\_ReadRQ. By default, the request type should be the 'HotelReadRequest' element, which gives all bookings that have changed since it is last requested.

For the testing scenario, it is requested to generate 3 bookings, one each for "Single Room", "Double Room" and a "Suite", each followed by the following test cases:

4.1.1. In PMS, using the booking request, is the test booking for "Single Room" retrieved successfully?

4.1.2. In PMS, using the booking request, is the test booking for "Double Room" retrieved successfully?

4.1.3. In PMS, using the booking request, is the test booking for "Suite" retrieved successfully?

**4.2. Global Requests:** Get all the bookings that has happened within a specific period. For example, all bookings having taken place yesterday, or all bookings that have taken place for the past one year till today. This would be very useful in case of system breakdown.

4.2.1. In order to fetch booking for a specific period in the past, "GlobalReservationReadRequest" element has to be used.

### 5. Get Cancellation

Cancel the booking via cancellation link in the booking mail.



## 6. Get Modification

Get Modification will do the following two actions:

- (a) Cancellation of the booking in the request.
- (b) Creating a new booking with the requested changes.

## 7. Set MinLOS per RoomType per day

MinLOS: Defines the minimum length of stay starting from the arrival day. A booking is not possible, if it is requested for a stay period of less than the given number of days in MinLOS value.

For example, for a Double room (RoomID: 6665) if the MinLOS is set to 2, a booking is not accepted, if requested for a stay period of less than 2 days.

## 8. Set MaxLOS per RoomType per day

MaxLOS: Defines the maximum length of stay starting from the arrival day. A booking is not possible, if it requests for a stay period of more than the given number of days in MaxLOS value.

For example, for a Double room (RoomID: 6665), if the MaxLOS is set to 5, a booking is not accepted if the requested stay period is more than 5 days.

Please see the example below for MinLOS and MaxLOS.

**cultuzz.**

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <OTA_HotelRateAmountNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4      xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05FS_OTA_HotelRateAmountNotifRQ.xsd"
5      EchoToken="0987654321" Timestamp="2011-07-05T09:56:01" Target="Production" Version="3.30"
6      TransactionIdentifier="1234567890" SequenceNbr="1" TransactionStatusCode="Start"
7      PrimaryLangID="en-us" AltLangID="en-us">
8      <POS> ... </POS>
9      <RateAmountMessages HotelCode="12400" >
10         <RateAmountMessage>
11             <StatusApplicationControl Start="2011-08-20" End="2011-08-25" InvCode="27238"
12                 RatePlanType="13" IsRoom="1" Override="1"/>
13             <Rates>
14                 <Rate>
15                     <BaseByGuestAmts>
16                         <BaseByGuestAmt AmountAfterTax="60.00" CurrencyCode="EUR"
17                             DecimalPlaces="2" Code="NET"/>
18                     </BaseByGuestAmts>
19                 </Rate>
20                 <Rate MinLOS="1" MaxLOS="666">
21                     <UniqueID ID="27238" Type="18"/>
22                 </Rate>
23             </Rates>
24         </RateAmountMessage>
25     </RateAmountMessages>
26 </OTA_HotelRateAmountNotifRQ>
```

## 9. Send No-Show of a booking to channel

If the guest doesn't show up at the accommodation on an arrival day of a booking, it would be considered as a No-Show. The No-Show could then be sent by PMS to inform the system about the guest being a No-Show to avoid being charged by Channel fees.

---

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_CancelRQ xmlns="http://www.opentravel.org/OTA/2003/05" TimeStamp="2011-07-11T13:01:00"
3  Target="Production" Version="3.30" PrimaryLangID="en" AltLangID="en" CancelType="Modify">
4
5  <!-- The attribute 'CancelType' must have a value of "Modify" for specifying No-Show. -->
6
7  <POS>...</POS>
8  <UniqueID Type="18" ID="644988" ID_Context="CLTZ"
9  URL="urn:cultuzz:cultswitch:xml:request:cancelrq:noshow"/>
10 <UniqueID Type="10" ID="12400" ID_Context="CLTZ"/>
11
12 <!-- The "UniqueID" element with attribute Type="18" ("Other" as per OTA CodeList "UIT"),
13 specifies that the No-Show is being informed by the PMS and the accordant booking
14 number is then specified in the attribute ID (Booking_ID).-->
15
16 <!-- Having a value of "urn:cultuzz:cultswitch:xml:request:cancelrq:noshow" for
17 attribute 'URL' is must, in order to understand this request is for a No-Show. -->
18
19 <TPA_Extensions>
20 <Reasons>
21 <Reason Language="en" Type="Reason for NoShow"></Reason>
22 </Reasons>
23 </TPA_Extensions>
24 </OTA_CancelRQ>

```

---



## 10. Set Arrival Days

Selection of week days where hotel stay might start.

## 11. Set Departure days

Selection of week days where hotel stay might end.

## 12. Set Available days

Selection of week days where hotel stay might possible.

## 13. Object-Channel Mapping

Mapping an object to channel by providing a basic information regarding the connection.

## 14. Product Logic

A product is defined as a basket of product elements (room type, breakfast, car parking, airport transfer, cot etc.) and has got attributes (price, discounts, payment method, cancellation policies, validity period etc.).

## 15. Product-Channel Mapping

Accommodation Provider can map a product to a channel using the below request. If ICM is enabled for this requester, then CultSwitch system checks the CCM and HEM and then allows or disallows the product to be mapped to that channel. Same request will be used for DeMapping and CheckMapping by altering some attribute values.

## 16. Channel Management(room logic)

Cultuzz Channel Management, provides the possibility that a particular channel is treated differently from other channels.

## 3 OTA-Messages

### 3.1 Preliminary Note

The CultSwitch uses XML-Documents which follow the standard [OTA-Specification 2006A](#) Version and therefore we suggest users to become familiar with it. The XML-Schemas can be downloaded via [www.opentravel.org](http://www.opentravel.org). The following documentation is intended solely as the specification for the CultSwitch and therefore descriptions do not necessarily cover explanations for the schemas itself.

To check the values from the OTA-Specification this is a useful link:

<http://www.opentravel.org/Specifications/SchemaIndex.aspx?FolderName=2006A>

### 3.2 Compatibility Note

With version 3.30, CultSwitch changes the general approach to reserving hospitality goods. From now onwards the focus is widened and instead of simply handling rooms, the CultSwitch executes room [products](#). At the moment this change is implemented for the OTA\_HotelAvailRQ/RS and the OTA\_HotelResRQ/RS. The older types of messages are supported but must use the correct value for the generic attribute 'Version'. They will be listed at the end of the message description part of this document.



### 3.3 Transactions

The following list contains the transactions handled by CultSwitch. In the first chapter, the function of the content of the message transfer, the integration of the messages and the technical data used will be described. This is followed by an explanation of the technical aspects of the specific OTA transactions, with an illustration of the XML message.

### 3.4 Business Partner Contacts (OTA\_ProfileCreateRQ/RS)

ProfileCreate message defines an operation that generates a new record for a new [accommodation](#) / [Distributor](#) with a unique identifier.

XML : [OTA\\_ProfileCreateRQ/RS](#)

### 3.5 Master Data update (OTA\_HotelDescriptiveContentNotifRQ/RS)

OTA\_HotelDescriptiveContentNotifRQ can define the basic properties of an accommodation. This request is used to set the basic features like Name,,Language, Home currency, Bank data, Descriptions, Amenities, Images, Accommodation primary address, Billing address, Contact persons information for an accommodation.

XML : [OTA\\_HotelDescriptiveContentNotifRQ/RS](#)

### 3.6 Accommodation Data Request (OTA\_HotelDescriptiveInfoRQ/RS)

The detailed accommodation data will be requested via OTA\_HotelDescriptiveInfoRQ message. This message offers the accommodation to request the accommodation's data, in several logical and connected ranges.

XML : [OTA\\_HotelDescriptiveInfoRQ/RS](#)

### 3.7 Booking Communication (OTA\_ReadRQ/OTA\_ResRetrieve)

As CultSwitch bookings occur in different marketplaces, it is important to send this information to the accommodation's software, to identify and refresh the known availability.

All bookings generated via the CultSwitch are saved in a single database. Using the nominated message, a registered [PMS](#) can then call up all past bookings for a specific accommodation. The CultSwitch saves the exact time of the request and prevents from unknown bookings being announced.

XML : [OTA\\_ReadRQ/OTA\\_ResRetrieve](#)

### 3.8 Availability Update (OTA\_HotelInvCountNotifRQ/RS)

Once the accommodation has been registered in the CultSwitch, and the availability has been defined, it is possible to synchronise the data set between the accommodation's software and the CultSwitch database, via a PMS.

The selected OTA-message which refreshes the [inventory](#) positions, will be used for this - via agreed key values: the [InventoryCodes](#).

XML : [OTA\\_HotelInvCountNotifRQ/RS](#)

### 3.9 Rate Amount Update (OTA\_HotelRateAmountNotifRQ/RS)

For the already connected accommodations this message offers the opportunity to set the day price for specified room types within individual time spans.

XML : [OTA\\_HotelRateAmountNotifRQ/RS](#)

### 3.10 Product Handling (OTA\_HotelRatePlanNotifRQ/RS)

This message allows us to define [product elements](#) and [products](#) with a number of restrictions and conditions like defining policies, [Days of week restrictions](#), [Length of stay](#) etc. Most of the products will have a minimum ([MinLOS](#)) or maximum ([MaxLOS](#)) length of stay. Attribute MaxLOS is optional. By setting MinLOS and MaxLOS to same value, the related product could be booked only for certain amount of stay. [Arrival day](#) is one of the significant contributors while calculating the rate plan of a product. Option to select the day of arrival and calculation of rate plan gives more flexibility towards product handling. CultSwitch provides Policy names and description in multiple languages.

XML : [OTA\\_HotelRatePlanNotifRQ/RS](#)

### 3.11 Accommodation Search (OTA\_HotelSearchRQ/RS)

The Accommodation Search Request message provides the ability to search for a list of accommodation properties that meet specified criteria. This type of request message is often referred to as a 'wide-area search' because, it typically searches for a list of accommodations within a geographic area that may be fairly constrained

**cultuzz.**

or quite broad.

XML : [OTA\\_HotelSearchRQ/RS](#)

### 3.12 Availability Request (OTA\_HotelAvailRQ/RS)

The most commonly used search is for available rooms, in a preferred period, for a specified accommodation.

Therefore, the extension of the given transaction for a general accommodation request will be used. This request contains, in addition to the accommodation criterion, the booking period, special facilities and other selection criteria. Normally it is assumed that this extended search will be made in connection with a accommodation search, and this search refers to a specific number of selected accommodations.

The search result also consists of a list of suitable destinations with respective accommodation characteristics and available rooms, along with the accommodation facilities.

The graphical format of this data is up to the [distributors](#) or portal owners, as CultSwitch only sends technical data, without any design specifications. Therefore it is possible that the received data can be added to other offers and seamlessly integrated into a preferred web-design.

XML : [OTA\\_HotelAvailRQ/RS](#)

### 3.13 Reservation Completion (OTA\_HotelResRQ/RS)

After a successful search, the preferred room(s) can be selected and booked via the CultSwitch. This booking will be notified to the accommodation either by e-mail, or sent via OTA\_HotelResNotifRQ/RS message to the accommodation's [PMS](#).

XML : [OTA\\_HotelResRQ](#)

### 3.14 Reservation Cancellations (OTA\_CancelRQ/RS)

For each booking, a unique booking number is created which can be used further for modification or cancellation. A cancellation is made by using OTA-standard message OTA\_CancelRQ and will be identified via the booking number. The cancellation, once registered inside the CultSwitch, will then be automatically transferred to the accommodation.

XML : [OTA\\_CancelRQ/RS](#)

### 3.15 No-Show Update (OTA\_CancelRQ/RS)

If the guest doesn't show up at the accommodation on an arrival day of a booking, it would be considered as a No-Show. The No-Show could be sent by PMS to inform the system about the guest being a No-Show to avoid being charged by Channel fees etc.

XML : [OTA\\_CancelRQ/RS for "No-Show" by PMS](#)

**cultuzz.**



## 3.16 Reservation Completion Notification (OTA\_HotelResNotifRQ)

Accommodation ReservationNotifRequest supports the functionality of updating other dependant and listening systems with the reservation data. This message assumes a push model, with the originating system pushing the data to another system. The originating system which uses this message would usually be a booking source, such as a Global Distribution System (GDS), a Central Reservation System (CRS) or some other agent of the accommodation.

XML : [OTA\\_HotelResNotifRQ](#)

## 3.17 Notifications sent by CultSwitch

CultSwitch pushes the notifications to target systems (PMS/CRS and Distributors/Channels). The following are the different kinds of Notifications pushed by CultSwitch.



### 1. OTA\_HotelDescriptiveContentNotifRQ

CultSwitch pushes this kind of notification whenever accommodation master data is created or updated. And also pushes when the accommodation is mapped to specific channel.

CultSwitch request :

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <OTA_HotelDescriptiveContentNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2011-07-05T09:40:42" Target="Production" Version="3.30"
4      PrimaryLangID="en">
5      <POS>...</POS>
6      <HotelDescriptiveContents>
7          <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN"
8              HotelCode="12400" BrandName="CULTUZZ" HotelCodeContext="CLTZ"
9              ChainName="CultSwitch" TimeZone="GMT"
10             HotelName="CultSwitchDocHotel" ID="12292">
11              <HotelInfo>...</HotelInfo>
12              <FacilityInfo>...</FacilityInfo>
13              <Policies>...</Policies>
14              <GDS_Info>...</GDS_Info>
15              <AffiliationInfo>...</AffiliationInfo>
16              <ContactInfos>...</ContactInfos>
17              <Viewerships>...</Viewerships>
18              <AreaInfo>...</AreaInfo>
19              <TPA_Extensions>
20                  <ChannelInfos>
21                      <ChannelInfo>...</ChannelInfo>
22                  </ChannelInfos>
23              </TPA_Extensions>
24              <!-- The above element will be provided to Distributors/Channels to which channel this
25                  accommodation is mapped. For more information OTA_HotelDescriptiveContentNotifRQ -->
26              </TPA_Extensions>
27          </HotelDescriptiveContent>
28      </HotelDescriptiveContents>
29  </OTA_HotelDescriptiveContentNotifRQ>
```

CultSwitch expects the following response :

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
3      Target="Production" Timestamp="2011-07-05T09:56:01"
4      TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <TPA_Extensions>
8          <ResponseTime ProcessTime="2.453" ProcessTimeUnit="Seconds"
9              RequestStartTime="2011-07-05 09:56:01.213">
```

```

10         ResponseEndTime="2011-07-05 09:56:03.666"/>
11         <Checksum RequestMD5="MD5 of the Request String"/>
12     </TPA_Extensions>
13 </OTA_HotelDescriptiveContentNotifRS>

```

---

## 2. OTA\_HotelDescriptiveContentNotifRQ

CultSwitch pushes this kind of notification whenever accommodation product or product element data is created or updated. And also pushes when the product is mapped to specific channel.

CultSwitch request :

```

1  <?xml version="1.0" encoding="utf-8"?>
2  <OTA_HotelDescriptiveContentNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2011-07-05T09:40:42" Target="Production" Version="3.30"
4      PrimaryLangID="en">
5      <POS>...</POS>
6      <HotelDescriptiveContents>
7          <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN"
8              HotelCode="12400" >
9      <TPA_Extensions>
10         <RatePlans>
11             <RatePlan>...</RatePlan>
12         </RatePlans>
13     </HotelDescriptiveContents>
14     <!-- For Distributors/channels, please see the more information
15          on OTA_HotelRatePlanNotifRQ -->
16 </OTA_HotelDescriptiveContentNotifRQ>

```

---

**cultuzz.**

CultSwitch expects the following response :

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
3      Target="Production" Timestamp="2011-07-05T09:56:01"
4      TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <TPA_Extensions>
8          <ResponseTime ProcessTime="2.453" ProcessTimeUnit="Seconds"
9              RequestStartTime="2011-07-05 09:56:01.213"
10              ResponseEndTime="2011-07-05 09:56:03.666"/>
11          <Checksum RequestMD5="MD5 of the Request String"/>
12      </TPA_Extensions>
13 </OTA_HotelDescriptiveContentNotifRS>

```

---

## 3. OTA\_HotelResNotifRQ

CultSwitch pushes this notification whenever the booking created or updated.

CultSwitch request :

```

1  <OTA_HotelResNotifRQ PrimaryLangID="en" ResStatus="Initiate"
2      Target="Production" Timestamp="2011-07-05T11:09:41" Version="3.30"
3      xmlns="http://www.opentravel.org/OTA/2003/05">
4      <POS>...</POS>
5      <HotelReservations>
6          <HotelReservation RoomStayReservation="true" >
7              <RoomStays>...</RoomStays>
8          </HotelReservation>
9      </HotelReservations>
10     <ResGlobalInfo>...</ResGlobalInfo>
11     <TPA_Extensions/>
12 </OTA_HotelResNotifRQ>

```

---

CultSwitch expects the following response :

```
1 <OTA_HotelResNotifRS PrimaryLangID="en" Target="Production"
2   TimeStamp="2011-10-19T12:14:20" Version="3.30">
3   <Success/>
4   <HotelReservations>
5     <HotelReservation>
6       <TPA_Extensions>
7         <Checksum RequestMD5="MD5 of the Request String"/>
8       </TPA_Extensions>
9     </HotelReservation>
10  </HotelReservations>
11 </OTA_HotelResNotifRS>
```

#### 4. OTA\_HotelRoomListRQ

CultSwitch pushes dynamic data (availability and rates) notifications to Distributor/Channel according to the configuration opted by the Distributor/Channel.

CultSwitch request :



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRoomListRQ EchoToken="9876" Target="Production" Version="1.002"
3   xmlns="http://www.opentravel.org/OTA/2003/05"
4   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5   xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05OTA_HotelRoomListRQ.xsd">
6   <POS>...</POS>
7   <HotelRoomLists>
8     <HotelRoomList>
9       <RoomStays>
10        <RoomStay>
11          <AdditionalDetails>...</AdditionalDetails>
12          <RoomType>...</RoomType>
13          <CancelPenalties>...</CancelPenalties>
14          <RoomRates>...</RoomRates>
15          <GuestCounts>...</GuestCounts>
16          <BasicPropertyInfo>...</BasicPropertyInfo>
17        </RoomStay>
18      </RoomStays>
19    </HotelRoomList>
20  </HotelRoomLists>
21 </OTA_HotelRoomListRQ>
```

CultSwitch expects the following response :

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRoomListRS PrimaryLangID="en" Target="Production"
3   TimeStamp="2014-06-11T00:22:12" Version="3.1.1">
4   <Success/>
5 </OTA_HotelRoomListRS>
```

## 5. OTA\_HotelAvailNotifRQ

Channel can request CultSwitch to repush dynamic data notifications using the following request.

Channel request :

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelAvailNotifRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xmlns="http://www.opentravel.org/OTA/2003/05" xsi:schemaLocation=
4   "http://www.opentravel.org/OTA/2003/05 OTA_HotelAvailNotifRQ.xsd"
5   TimeStamp="2010-05-01T06:39:09" Target="Production" Version="3.30" PrimaryLangID="de">
6   <POS>...</POS>
7   <AvailStatusMessages>...</AvailStatusMessages>
8 </OTA_HotelAvailNotifRQ>
```

---

Channel expects the following response :

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRoomListRS PrimaryLangID="en" Target="Production"
3   TimeStamp="2014-06-11T00:22:12" Version="3.1.1">
4   <Success/>
5 </OTA_HotelRoomListRS>
```

---

**cultuzz.**

XML : [OTA\\_HotelRoomListRQ](#)

## 4 Technical Function

### 4.1 XML-Elements

The data exchange will be carried out using the standard HTTP protocol. The request message should be sent as POST-DATA within a parameter called 'otaRQ' and the reply message will be written directly into the HTTP-Response by the CultSwitch. CultSwitch accepts request in "text/xml" format only. CultSwitch also supports gzip compression for every request and response. The requesting system should set proper request headers. "PrimaryLangID" is mandatory to post any request to CultSwitch.

CultSwitch accepts data only in UTF-8 encoding format.

The target address for CultSwitch is:

<https://cultswitch.cultuzz.de/cultswitch/processOTA>

Secure target address of CultSwitch:

<https://cultswitch.cultuzz.de:8443/cultswitch/processOTA>

**cultuzz.**

Cultuzz consistently strives to ensure that data security is maintained and that its products are compliant with international security best practises and principles. The PCI (Payment Card Industry) certification proves, that the company has established its own security framework, and that all products and information security policies are in line with PCI guidelines.

### 4.2 HTTP-Ping

The OTA\_PingRQ message may be used for testing application connectivity, by sending some specific text within 'EchoData' element and determining if the receiving application is able to echo back that same text.

```
1 <OTA_PingRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30" TimeStamp=
2   "2011-07-24T10:07:24" Target="Production">
3   <EchoData><![CDATA[Hello World!]]></EchoData>
4 </OTA_PingRQ>
```

```
1 <OTA_PingRS Version="3.30" TimeStamp="2011-07-24T10:07:24">
2   <EchoData><![CDATA[Hello World!]]></EchoData>
3 </OTA_PingRS>
```

### 4.3 Authentication

The authentication from the request party is actually made by a container element inside the OTA-Message (Authentication per OTA-<POS>-element)

```
1 <POS>
2   <Source AgentSine="xxx" AgentDutyCode="xxxxxxxxxx">
3
4   <!-- The source element specifies the source of the request and holds the identifier
5        in the AgentSine attribute as a string (e.g.PMS-ID) and authentication password
6        in the AgentDutyCode attribute as a string. Both values are generated by
7        CultSwitch and transmitted by e-mail at the time of creating a profile using
8        OTA_ProfileCreateRQ. -->
```

```

9
10     <RequestorID Type="10" ID="XXX" ID_Context="CLTZ"/>
11
12     <!-- In this element, the accommodation or hotel whose request and/or data transfer is
13          will be identified with a unique CultSwitch_ID for attribute '@ID', also known
14          as HotelID the value for Type is 10 (OTA-UIT) -->
15
16     <!--
17     <RequestorID Type="10" ID="PartnerID" ID_Context="PartnerName"/>
18
19     InsteadOf providing Cultuzz HotelID, Partner can provide his own ID -->
20
21     <BookingChannel Type="4"/>
22
23     <!-- Here the requestor type must be indicated with the value of the attribute Type',
24          according to the OTA-BookingChannelType (BCT). At the moment the CultSwitch
25          supports BCT = PMS (Type='4') for a PMS and BCT = 'Internet' (Type='7') for a
26          distributor. -->
27
28     </Source>
29 </POS>

```

---

## 4.4 Users Identification



Requestor can be identified by Cultuzz UserID in another 'Source' element under 'POS'. It is mandatory for the functions like RefreshData, making BookingService online/offline, ChannelManagement and DistributorConnections.

```

1 <POS>
2   <Source>...</Source>
3   <Source>
4     <RequestorID ID="15104" Type="1" URL="urn:cultuzz:cultswitch:auth:username"
5               ID_Context="CLTZ"/>
6     <BookingChannel Type="7"/>
7   </Source>
8 </POS>

```

---

## 5 XMLs

### 5.1 OTA\_ProfileCreateRQ/RS

ProfileCreate message defines an operation that either generates a new record for a new [accommodation](#) / [Distributor](#) with a unique identifier.

Authentication HTTP-Basic

<http://cultswitch.cultuzz.de:8080/cultswitch/basic>

Because the OTA\_ProfileCreateRQ/RS message has no Point Of Sale (POS) container defined in [OTA](#), for these transactions a different authentication model is used. Following the OTA recommendations, the CultSwitch used the standard HTTP-Basic authentication model. The known values for [AuthToken](#) needs to be used. For the http-username in the http-authentication, the AgentSine needs to be given and for the http-password, the AuthToken should be sent.

**cultuzz.**

A PMS Software can create/update an accommodation profile.

#### 5.1.1 Request Message (OTA\_ProfileCreateRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Timestamp="2011-07-05T09:40:42" Target="Production"
4   Version="3.30" PrimaryLangID="en">
5
6   <Profile ProfileType="12" CreateDateTime="2011-07-05T09:40:42" >
7
8     <!-- The ProfileType value of '12' identifies that the request is for creating a
9          profile for an 'Accommodation'. For other types refer table ProfileType(PRT) -->
10
11     <!-- A PMS can create a Profile using OTA_ProfileCreateRQ and can Update the
12          already created Profile using OTA_HotelDescriptiveContentNotifRQ. -->
13
14     <Agreements>
15       <AllianceConsortium>
16         <AllianceMember MemberCode="52" >
17
18       <!-- Here the attribute "MemberCode" indicates mail Template-ID for Auto generated
19            emails to the Hoteliers. -->
20
21       </AllianceConsortium>
22     </Agreements>
23
24     <Accesses>
25       <Access ActionType="Create" ID="9354"/>
26
27     <!-- To create a new profile, 'ActionType' with value 'Create' and 'ID' with
28          value '9354' must be used to recognize the request made with access credentials
29          of the PMS software used. For updating an existing profile 'ActionType' attribute
30          must contain a value of "Update" with distributor credentials-->
31
32     </Accesses>
33     <CompanyInfo>
34       <CompanyName CompanyShortName="CultSwitchDoc" TravelSector="3">
35         <![CDATA[CultSwitchDocHotel]]></CompanyName>
36       <AddressInfo Type="2" UseType="12">
37
38     <!-- The value of 'Type' under 'AddressInfo' refers to the "CommunicationLocationType"
39          (CLT) of the OTA-CodeTable, and the value for the attribute 'UseType' is taken from
40          OTA-CodeTable "Address Use Type" (AUT) and value '12' specifies an accommodation. -->
41
42       <AddressLine>Cultuzz</AddressLine>
43       <AddressLine>D.No.47-9-14</AddressLine>
44       <StreetNmbr>DwarakaNagar 3rd Lane</StreetNmbr>
45       <CityName>Visakhapatnam</CityName>
46       <PostalCode>530016</PostalCode>
47       <StateProv StateCode="AP">Andhra Pradesh</StateProv>
48
49     <!-- The Country with no StateCode should be kept as 'NA'.-->
```

```

50 <!-- <StateProv><![CDATA[NA]]></StateProv> -->
51
52 <CountryName Code="IN">India</CountryName>
53 </AddressInfo>
54 <TelephoneInfo FormattedInd="1" DefaultInd="1" PhoneNumber="91-0891-6457883"
55 PhoneTechType="1" />
56 <TelephoneInfo FormattedInd="1" DefaultInd="1" PhoneNumber="91-0891-6457883"
57 PhoneTechType="3" />
58 <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
59 <URL Type="business" DefaultInd="true"><![CDATA[http://www.cultuzz.com]]></URL>
60
61
62 <!-- The address/information specified with containers: 'AddressInfo', 'TelephoneInfo',
63 'Email' and 'URL' as seen above, needs to be specific to the location of accom-
64 dation / Entity for which this profile is being created or updated -->
65
66 <ContactPerson>...</ContactPerson>
67 </CompanyInfo>
68 </Profile>
69 </OTA_ProfileCreateRQ>

```

## Creating a user for Cultuzz Service Interface:



While creating a new accommodation, one can create a new user by appending the following XML to the OTA\_ProfileCreateRQ.

```

1 <CompanyInfo>
2 <ContactPerson ContactType="permanent" Relation="Business Associate"
3 EmergencyFlag="true" ShareMarketInd="Yes">
4
5 <!-- The information provided within 'ContactPerson' would be of the person in charge
6 for this profile. In case of emergency or other requests, this information will
7 be used for communication. -->
8
9 <!-- If the attribute "ShareMarketInd" indicates the value "Yes", then an automated
10 'Salt-Code' will be generated and send it to the email ID of respective user.
11 So that he/she can get access to confidential information such as credit card details
12 by providing this Salt-Code as the second level authentication factor.
13 -->
14
15 <!-- The User needs to send the object registration information along with valid manager
16 credentials in "TPA_Extensions" which has the right access to create new accommodation.
17 -->
18
19 <PersonName>
20 <NamePrefix>Mr</NamePrefix>
21
22 <!-- Here the 'NamePrefix' element is used as gender attribute Mr: male or Mrs:female.
23 As of now only 2 values are accepting (Mr. & Mrs.). -->
24
25 <GivenName>Robert</GivenName>
26 <MiddleName>John</MiddleName>
27 <Surname>Williams</Surname>
28 </PersonName>
29 <Telephone FormattedInd="1" DefaultInd="1" PhoneNumber="91-0891-6457883"
30 PhoneTechType="1" PhoneLocationType="7" />
31 <Telephone FormattedInd="1" DefaultInd="0" PhoneNumber="91-0891-6457883"
32 PhoneTechType="3" PhoneLocationType="7" />
33 <Email EmailType="2"><![CDATA[cultswitch-support@cultuzz.com]]></Email>
34 </ContactPerson>
35 </CompanyInfo>
36 <TPA_Extensions>
37 <POS>
38 <Source AgentSine="Username" AgentDutyCode="Password" />
39
40 <!-- "AgentSine" holds Username, "AgentDutyCode" holds Password and
41 ContactPerson element holds the complete User information. -->
42
43 </POS>
44 <Descriptions>
45 <Description Name="txt:description_long">
46 <Text>key and card Test</Text>
47 </Description>
48 </Descriptions>
49 </TPA_Extensions>

```



### 5.1.2 Response Message (OTA\_ProfileCreateRS)

The response, if successful, delivers the **Hotel-ID** within the 'UniqueID' as the value for attribute 'ID'. The ID\_Context if specified is one another important value that needs to be used within the '**POS**' element for further requests to CultSwitch.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRS TimeStamp="2011-07-05T09:41:57" Version="3.30"
3      xmlns="http://www.opentravel.org/OTA/2003/05">
4      <Success/>
5      <UniqueID ID="12400" ID_Context="CLTZ" Type="10">
6          <CompanyName>CultSwitchDocHotel]]&gt;&lt;/CompanyName&gt;
7
8      &lt;!-- As seen in the above example, the newly generated AccommodationCode (HotelID) is
9           '12400' and the context is 'CLTZ'. All the future requests to CultSwitch related
10          to this accommodation should contain both AccommodationCode &amp; ID_Context within
11          'POS'. --&gt;
12
13      &lt;/UniqueID&gt;
14      &lt;TPA_Extensions&gt;
15          &lt;ResponseTime ProcessTime="3.535" ProcessTimeUnit="Seconds"
16              RequestStartTime="2011-07-05 09:41:57.818"
17              ResponseEndTime="2011-07-05 09:42:01.353"/&gt;
18          &lt;POS&gt;
19              &lt;Source AgentDutyCode="63aef3308fafb1d6" AgentSine="27"&gt;
20
21          &lt;/POS&gt;
22      &lt;/TPA_Extensions&gt;
23  &lt;/OTA_ProfileCreateRS&gt;</pre></div><div data-bbox="757 301 946 329" data-label="Text"><img alt="cultuzz. logo" data-bbox="757 301 946 329"/></div><div data-bbox="102 408 702 425" data-label="Section-Header"><h3>5.1.3 Auto generated emails Request Message (OTA_ProfileCreateRQ)</h3></div><div data-bbox="102 435 732 484" data-label="Text"><p>CultSwitch will generate automated emails to the Hotels, while creating the Objects through PMS. Here, the PMS is provided with an option to configure the automated email template, as per their interest and convenience.</p></div><div data-bbox="102 501 562 518" data-label="Text"><p>A typical template is divided into "Strings" and "Variables".</p></div><div data-bbox="102 534 593 551" data-label="Text"><p>"Strings" are the texts that can be configured by a PMS Partner.</p></div><div data-bbox="102 567 470 600" data-label="Text"><p>Ex : "Dear Customer,<br/>We are pleased to inform you about this offer".</p></div><div data-bbox="102 617 732 667" data-label="Text"><p>"Variables" are predefined by CultSwitch. PMS Partners can use these specific variables, while defining a template. The value of these variables will be replaced by CultSwitch auto generated values, at the time of mail construction.</p></div><div data-bbox="102 684 697 700" data-label="Text"><p>Predefined variables supported as of now by CultSwitch, are described below:</p></div><div data-bbox="102 717 267 849" data-label="Text"><p>Cltz_ObjectID<br/>Cltz_AgentSine<br/>Cltz_AgentDutyCode<br/>Cltz_BookingID<br/>Cltz_ObejctName<br/>Mail_Subject<br/>Mail_Body<br/>Mail_Signature</p></div><div data-bbox="102 865 732 915" data-label="Text"><p>PMS Partner will configure a template using the below XML format. CultSwitch returns a Template-ID, which can be referred by the PMS Partner, while registering any new object created by the PMS Partner.</p></div><div data-bbox="228 949 602 966" data-label="Page-Footer"><p>CultSwitch 3.4.0 - 22 Nov 2018 - <a href="#">↑TOC</a> - <a href="#">↓Index</a> - Page 41</p></div>
```

1. PMS Partner will configure a Template using OTA\_ProfileCreateRQ.
2. CultSwitch returns Template-ID in OTA\_ProfileCreateRS.
3. PMS Partner can refer this generated Template-ID from there on, to register any new Object, using OTA\_ProfileCreateRQ.
4. CultSwitch send mails to the Hotelier after successful registration, as per the format configured by the PMS Partner and identified by Template-ID.

---

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2013-07-17T13:23:12" Target="Production"
4      Version="1.001" PrimaryLangID="en">
5      <Profile ProfileType="19">
6          <Agreements>
7              <AllianceConsortium>
8                  <AllianceMember Code="Subject" >
9                      <![CDATA[New Registration of $@-Cltz_ObejctName-#$ (ID : $@-Cltz_ObjectID-#$ )]]>
10                     </AllianceMember>
11                     <AllianceMember Code="Body"><![CDATA[Dear Cultuzz Customer,
12
13                         Congratulations, you have successfully finished the registration at Cultuzz.com.
14                         Now you can login atcultuzz.com/login and start the setup.
15                         The Object ID which has been generated is $@-Cltz_ObjectID-#$
16
17                         Thank you,
18                         Cultuzz Team]]>
19
20                     <!-- Where "$@-" acts as a tag opener for variable and "-#$" acts as a tag closer.
21                     Cltz_ObjectName and Cltz_ObjectID are the pre-defined variables listed above. -->
22
23                     <!-- Here, the text can be edited by PMS, but not the inputs like Cltz_ObjectName,
24                     Cltz_ObjectID. -->
25
26                     </AllianceMember>
27                 </AllianceConsortium>
28             </Agreements>
29         </Profile>
30     </OTA_ProfileCreateRQ>

```

---



### Response Message (OTA\_ProfileCreateRS):

The response contains the mail Template ID. PMS should add this element or Template ID in the ProfileCreateRQ, while creating the Object. After successful registration of the Object in CultSwitch, Cultuzz will send an automated email to the Hotelier (based on the email address provided in the ProfileCreateRQ of the Object).

---

```

1  <OTA_ProfileCreateRS xmlns="http://www.opentravel.org/OTA/2003/05"
2      Timestamp="2014-05-28T05:17:57" Version="3.00">
3      <TPA_Extensions>
4          <Profile ProfileType="19">
5              <Agreements>
6                  <AllianceConsortium>
7                      <AllianceMember MemberCode="52"/>
8
9              <!-- Here the attribute "MemberCode" indicates mail Temaplate ID. -->
10
11              </AllianceConsortium>
12          </Agreements>
13      </Profile>
14  </TPA_Extensions>
15 </OTA_ProfileCreateRS>

```

---

Back to OTA-Messages : [Business Partner Contacts \(OTA\\_ProfileCreateRQ/RS\)](#)

## 5.2 OTA\_HotelDescriptiveContentNotifRQ/RS

### 5.2.1 Request Message (OTA\_HotelDescriptiveContentNotifRQ)

OTA\_HotelDescriptiveContentNotifRQ can define the basic properties of an accommodation. This request is used to set the basic features like Name, Language, Home Currency, Bank Data, Descriptions, Amenities, Images, Accommodation primary address, Billing address, Contact persons information for an accommodation.

```
1  <?xml version="1.0" encoding="utf-8"?>
2  <OTA_HotelDescriptiveContentNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2011-07-05T09:40:00" Target="Production" Version="3.30"
4      PrimaryLangID="en">
5
6      <POS>...</POS>
7      <HotelDescriptiveContents>
8          <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN" Overwrite="true"
9              HotelCode="12400" BrandName="CULTUZZ"
10             HotelCodeContext="CLTZ" HotelName="Cultuzz"
11             ChainName="CultSwitch" TimeZone="GMT" ID="12292">
12
13          <!-- The attribute 'Overwrite' indicates if the data which is part of this message
14               should be taken as an UPDATE for already existing data or just contains new
15               content which should be added to the given accommodation. Therefore Overwrite="1"
16               must be used to update an existing description/data. Overwrite="0" will only work
17               if no intended description/data currently exists for this accommodation. Alternately
18               "true" or "false" may be used in place of "1" and "0" for attribute 'Overwrite'. -->
19
20          <HotelInfo InterfaceCompliance="CultDesk"
21              PMSSystem="CultDesk" Start="2011-09-16" TaxID="Hu67502Bhyrf">
22              <Descriptions>
23                  <Description ContentCode="7" Name="txt:description_long">
24                      <Text Language="de" Formatted="false"><![CDATA[This is a multi-national hotel
25                          providing all the types of facilities including Sea view ]]></Text>
26                  </Description>
27
28                  <!-- The accommodation can further be described using the 'Descriptions' -> 'Description'
29                       element. The 'Name' attribute for 'Description' element is used to identify
30                       what kind of description it carries. The descriptions can be image URL's,
31                       general URL's, long descriptions, short description etc.,. The value that
32                       needs to be used for attribute 'Name' can be taken from the appendix at the
33                       bottom of this document under CultSwitch Name-Attributes. -->
34
35                  <Description ContentCode="8" Name="txt:description_short">
36                      <Text Language="en"><![CDATA[CultSwitchDocHotel is a hotel]]></Text>
37                  </Description>
38                  <Description Name="singleroomtype" CreateDateTime="2011-06-21T11:00:00"
39                      ContentTitle="image" ContentCaption="Room:BedRooms:SingleBedRoom">
40                      <URL>http://extweb.cultuzz.de/bv/122/img_81129.jpg</URL>
41                  </Description>
42                  <Description ContentCode="10" Name="txt:Liability">
43                      <Text Language="en"><![CDATA[Taxes will be included at the time of billing]]></Text>
44                  </Description>
45                  <Description ContentCode="11" Name="txt:Location">
46                      <Text Language="en"><![CDATA[Landmark for the hotel is Reliance Departmental
47                          Store]]></Text>
48                  </Description>
49                  <Description ContentCode="12" Name="txt:Directions">
50                      <Text Language="en"><![CDATA[Hotel situated at 10kms north from the city main
51                          road]]></Text>
52                  </Description>
53                  <Description ContentCode="13" Name="txt:Insider_Tips">
54                      <Text Language="en"><![CDATA[Donot spoil hotel related furniture and things]]></Text>
55                  </Description>
56                  <Description ContentCode="8" Name="txt:HotelName">
57                      <Text Language="en"><![CDATA[AccommodationName]]></Text>
58                  </Description>
59                  <Description Name="txt:description_long"
60                      ContentTitle="HomePage:Text"
61                      ContentCaption="Season2" ParagraphNumber="1" Removal="false">
62
63                  <!-- Here 'ContentTitle' holds description about HomePage. Here 'Text' means, it provides
64                       textual description and it also supports Link/Picture which holds url/path of
65                       the picture related to HomePage. 'ContentCaption' specifies season code according to
66                       OTA_Code table.
67                       ContentTitle = "xxx:Text" accepts Name="txt:description_long/txt:description_short"
68                       and for all other "Name" should be txt:description_short. -->
69
70                      <Text Language="de"><![CDATA[Description about HomePage]]></Text>
71                  </Description>
72                  <Description Name="txt:description_long"
73                      ContentTitle="Gallery:Text"
```

**cultuzz.**

```

73         ContentCaption="At3" ParagraphNumber="1" Removal="false">
74
75 <!-- Here 'ContentTitle' holds description about Gallery. Here 'Text' means, it provides
76 textual description and it also supports Link/Picture which holds url/path of
77 the picture related to Gallery. 'ContentCaption' specifies seasonal details. -->
78
79         <Text Language="de">Description about Gallery</Text>
80     </Description>
81     <Description Name="txt:description_long"
82         ContentTitle="HomePage:Text" ContentCaption="SeasonAr5"
83         ParagraphNumber="3" Removal="False">
84
85 <!-- ContentTitle specifies mode of description i.e. Text/Link/Image and ContentCaption
86 specifies season code and sub-season is specified under ParagraphNumber. -->
87
88         <Text Language="de"><![CDATA[A multi-national hotel providing all the types of
89 facilities]]></Text>
90     </Description>
91     <Description Name="txt:description_short"
92         ContentTitle="HomePage:Link" ContentCaption="84"
93         ParagraphNumber="4" Removal="True/False">
94         <URL><![CDATA[/www.comic.com/images/]]></URL>
95
96 <!-- As the attribute 'ContentTitle' specifies HomePage:Link, URL of the homepage
97 should be given here. -->
98
99     </Description>
100    <Description Name="txt:description_short"
101        ContentTitle="HomePage:Picture" ContentCaption="58"
102        ParagraphNumber="2" Removal="True" RecordID="4875">
103    <Image><![CDATA[/www.fg.com/92.png]]></Image>
104
105 <!-- Removing/Updation of a description: Removal/Updation of a particular
106 description is possible only by specifying respective 'RecordID'. For removal,
107 it need an additional attribute with Removal="True". -->
108
109    </Description>
110    <Description Name="txt:HotelName" Removal="false">
111        <Text Language="en"><![CDATA[Hotel name in English language ]]></Text>
112    </Description>
113    <Description Name="txt:HotelName" Removal="true" RecordID="1873">
114        <Text Language="de"><![CDATA[Hotel name in German language]]></Text>
115
116 <!-- Removing a description is possible by specifying a "RecordID" along with
117 Removal="True". -->
118
119    </Description>
120    <Description CreatorID="CultDesk" Description="CultDesk"
121        Name="data:PMS/CRS_Software">
122        <Text><![CDATA[CultDesk]]></Text>
123    </Description>
124    <Description ContentCode="1" Name="img:approach_map">
125        <Text Language="en"><![CDATA[http://extweb.cultuzz.de/bv/12400/
126 img_169570.jpg]]></Text>
127    </Description>
128    <Description ContentCode="4" Name="img:company_logo">
129        <Text Language="en"><![CDATA[http://extweb.cultuzz.de/bv/12400/
130 img_169568.jpg]]></Text>
131    </Description>
132    <Description Name="url:CultBooking">
133        <URL><![CDATA[https://aquilae.cultuzz.de/cultbooking/index.php?
134 hotel_id=11614-12400-b0ae3]]></URL>
135    </Description>
136    <Description Name="url:CultBookingAGB">
137        <URL><![CDATA[https://albatros.cultuzz.de/service/dateiverwaltung
138 /upload/download.php?dateien_id=11725]]></URL>
139    </Description>
140    <Description CodeDetail="200" ContentData="MinCapacity" Removal="True/False"/>
141    <Description CodeDetail="250" ContentData="MaxCapacity" Removal="True/False"/>
142    <Description CodeDetail="25" ContentData="MaxRoomSize" Removal="True/False"/>
143    <Description ContentCode="6" ContentData="display" CodeDetail="12"
144        Removal="True/False"/>
145
146 <!-- The hotelier can restrict/allow a distributor to 'display' a Geographical MAP
147 at some zoom level. With the 'Description' element, if the value
148 of 'ContentCode' contains "6", as per OTA-CodeList, it refers to "Map". -->
149
150 <!-- The attribute 'ContentData' can contain values "display" or "no-display", as
151 required, whether to display the map or not to display the map respectively. -->
152
153 <!-- The value contained in attribute 'CodeDetail' specifies the default Zoom level
154 to be used when displaying the map. In the example above, Zoom level is 12. -->
155
156    <Description InfoCode="8" />
157
158 <!-- InfoCode holds OTA Codes of InformationType (INF) from OtherOTACodes table. -->
159

```

**cultuzz.**

```

160 <!-- To Refresh an accommodation, CodeDetail must be "Refresh" and ContentData holds
161 Distributor-ID and Name specifies Distributor name. -->
162
163 <Description CodeDetail="Refresh" ContentData="7563"
164 ContentTitle="ChannelInfo" Name="booking.com" RecordID="12400"/>
165
166 </Descriptions>
167 <OwnershipManagementInfos>
168 <OwnershipManagementInfo>
169 <CompanyName Code="8888ssss" CodeContext="CommercialRegisterNumber"/>
170
171 <!-- 'OwnershipManagementInfo' pushes information like RegisterNumber,
172 CommercialRegisterNumber and LegalRepresentative number related to accommodation.
173 Removal: Removal of any of these is possible by the following XML format.
174 <OwnershipManagementInfo>
175 <CompanyName/>
176 </OwnershipManagementInfo>
177 -->
178 </OwnershipManagementInfo>
179 <OwnershipManagementInfo>
180 <CompanyName Code="8s" CodeContext="RegisterNumber"/>
181 </OwnershipManagementInfo>
182 <OwnershipManagementInfo>
183 <CompanyName Code="fdg5659" CodeContext="LegalRepresentative"/>
184 </OwnershipManagementInfo>
185 </OwnershipManagementInfos>
186 <CategoryCodes>
187 <LocationCategory Code="1" CodeDetail="VTZ"/>
188
189 <!-- LocationCategory with an attribute 'Code' with a value '1' specifies that
190 the attribute 'CodeDetail' contains the value of an AirPort Code of nearest
191 Airport from Location Category Codes (LOC) . -->
192
193 <HotelCategory Code="4" />
194 <HotelCategory Code="6" />
195
196 <!-- Defines the particular type of accommodation (e.g., golf, ski, bed and breakfast).
197 Refer to the OTA-CodeTable for PropertyClassType (PCT) for the list of
198 available options. Value '4' for attribute 'Code' identifies it as a 'Bread
199 & Breakfast'.
200 Removal: <HotelCategory/> -->
201
202 <GuestRoomInfo Code="28" Quantity="200" /> <!-- Number of rooms-->
203 <!-- OR -->
204 <GuestRoomInfo Code="231" Quantity="1"/> <!-- (0- Rooms, 1- Beds)-->
205 <GuestRoomInfo Code="230" Quantity="48"/> <!-- Quantity -->
206
207 <!-- The total number of rooms for the accommodation should be communicated with the
208 element 'GuestRoomInfo'. The attribute 'Code' refers to Guest Room Info (GRI).
209 Using the value '28' for attribute 'Code' is mandatory, because the Cultuzz-System
210 is only system storing the absolute number of rooms within an accommodation. -->
211
212 </CategoryCodes>
213 <Position Longitude="120.0012100" Latitude="88.0121212"/>
214
215 <!-- The geographical position of the accommodation, though not mandatory, is very
216 important and crucial for the accommodation data and search. It would be used
217 to search by nearest Kilometre from a given search criteria and would
218 always be advantageous to provide Latitude and Longitude, so that the accom-
219 mmodation would be better listed in the searches performed by nearest locations.
220 -->
221
222 <Services>
223 <Service BusinessServiceCode="1" />
224
225 <!-- Here 'BusinessServiceCode' holds OTA Codes of BusinessSrvctype (BUS) like
226 "Computer" with code "1", "E-mail service" with code "97", etc., -->
227
228 <Service>
229 <Description ContentData="offline" Name="BookingService"/>
230
231 <!-- 1) BookingService can be online/offline depending upon the value held by the
232 attribute ContentData.BookingService can Activate/Deactivate (online/offline)
233 the Object from a Present-Date to Timely-Unlimited -->
234
235 </Service>
236
237 <!-- OR -->
238 <!-- 2) BookingService can Activate/Deactivate (online/offline) the Object from
239 a Future-Date to some other Future-Date-->
240
241 <Service>
242 <Description ContentData="online" Name="BookingService"/>
243 <OperationSchedules>
244 <OperationSchedule Start="2013-10-02" End="2013-10-20" />
245 </OperationSchedules>
246 </Service>

```

**cultuzz.**

```

247 <!-- OR -->
248 <!-- 3) BookingService can Activate/Deactivate (online/offline) the Object from
249 a Future-Date to Timely-Unlimited-->
250
251     <Service>
252     <Description ContentData="online" Name="BookingService"/>
253     <OperationSchedules>
254     <OperationSchedule Start="2013-10-02"/>
255     </OperationSchedules>
256     </Service>
257
258 <!-- OR -->
259 <!-- 4) BookingService can Activate/Deactivate (online/offline) the Object from
260 the Present-Date to some other Future-Date-->
261
262     <Service>
263     <Description ContentData="online" Name="BookingService"/>
264     <OperationSchedules>
265     <OperationSchedule End="2013-09-20"/>
266     </OperationSchedules>
267     </Service>
268
269     <Service Code="5"/>
270
271 <!-- 'CodeDetail' and 'Code' specifies amenity type and its code (from HAC table).
272 We can remove the amenity by giving True value to 'Removal' attribute. If
273 the value of the attribute 'Include' holds True/False for activating and
274 deactivating the amenity respectively. 'Code' holds HotelAmenityCodes (HAC)
275 like "Transfer Service" with code "43", "Air Conditioning" with code "5" etc.
276 -->
277     <Service >
278     <Description PictureCategoryCode="10" />
279
280 <!-- PictureCategoryCode holds OTA Codes of PictureCategoryCode (PIC) from
281 OtherOTACodes table.
282 Removal: <Description/>
283 -->
284     </Service>
285     <Service>
286     <Contact>
287     <Names>
288     <Name SrvcCode="11" />
289
290 <!-- SrvcCode holds OTA Codes of Contact Srvc Code (CSC) from OtherOTACodes table.
291 Removal: <Name/>-->
292
293     </Names>
294     </Contact>
295     </Service>
296     <Service>
297     <Description ContentData="Activate/Deactivate" Name="AutoReplenishment"/>
298     </Service>
299
300 <!-- Channel receives an update without increment in Availability for those Objects whose AutoReplenishment feature is
301 in Deactivate mode at the time when Booking marked as a Cancellation and sends Confirmation email to Hotelier
302 and Vice-versa. By default AutoReplenishment is in Active state-->
303
304     </Services>
305     <RelativePositions>
306     <RelativePosition>
307     <Transportations>
308     <Transportation TransportationCode="4" />
309     <Transportation TransportationCode="17" />
310
311 <!-- TransportationCode holds OTA Codes of Transportation Code (TRP) from OtherOTACodes
312 table.
313 Removal: <Transportation/> -->
314
315     </Transportations>
316     </RelativePosition>
317     <RelativePosition IndexPointCode="3" />
318     <RelativePosition IndexPointCode="6" />
319
320 <!-- IndexPointCode holds OTA Codes of IndexPointCode (IPC) table.
321 Removal: <RelativePosition/> -->
322
323     </RelativePositions>
324     </HotelInfo>
325     <FacilityInfo LastUpdated="2011-07-05T09:40:42">
326
327 <!-- The 'FacilityInfo' element is used to specify the available guest rooms, meeting
328 rooms, restaurants etc. -->
329
330     <GuestRooms>
331     <GuestRoom Code="Amenities">
332     <TypeRoom RoomClassificationCode="34" />
333     <TypeRoom RoomClassificationCode="36" />

```

**cultuzz.**

```

334
335 <!-- RoomClassificationCode holds OTA Codes of GuestRoomInfo (GRI) table.
336 Removal: Removal of guest room amenities by <TypeRoom/> -->
337 </GuestRoom>
338 </GuestRooms>
339 <Restaurants>
340 <Restaurant>
341 <InfoCodes>
342 <InfoCode Code="7" />
343
344 <!-- Code holds OTA Codes of Restaurant Category Code (RES) from OtherOTACodes table.
345 Removal: Removal of Restaurant Category Codes by <InfoCode/> -->
346
347 </InfoCodes>
348 <SrvInfoCodes>
349 <SrvInfoCode Code="9" />
350 <SrvInfoCode Code="14" />
351
352 <!--Code holds OTA Codes of Restaurant Srv Info (RSI) from OtherOTACodes table.
353 Removal: Removal of Restaurant Srv Info by <SrvInfoCode/> -->
354
355 </SrvInfoCodes>
356 <CuisineCodes>
357 <CuisineCode Code="57" />
358 <CuisineCode Code="1001" />
359
360 <!-- Code holds OTA Codes of MainCuisineCode (CUI) table.
361 Removal: Removal of MainCuisine Codes by <CuisineCode/> -->
362
363 </CuisineCodes>
364 </Restaurant>
365 </Restaurants>
366 <MeetingRooms>
367 <MeetingRoom>
368 <Codes>
369 <Code Code="18" />
370 <Code Code="119" />
371
372 <!-- Code holds OTA Codes of MeetingRoomCode (MRC) table.
373 Removal: Removal of MeetingRoomCodes by <Code/> -->
374
375 </Codes>
376 </MeetingRoom>
377 </MeetingRooms>
378 </FacilityInfo>
379 <Policies>
380 <Policy Removal="False">
381 <PolicyInfo CheckInTime="10:30:00" CheckOutTime="20:30:00" >
382 <Description name ="Reception Timings"/>
383 </PolicyInfo>
384
385 <!-- Check-In time and Check-Out time of an accommodation will be provided within
386 the 'PolicyInfo' element with attributes 'CheckInTime' and 'CheckOutTime'. -->
387 </Policy>
388 <Policy>
389 <StayRequirements>
390 <StayRequirement MinLOS="2" MaxLOS="999">
391 <Description Name="27236"/>
392
393 <!-- The MaxLOS and MinLOS (if specified in master data), indicates the Maximum and
394 Minimum length of stay required for the identified room. The room for which this
395 restriction applies is identified with the <Description> element with its 'Name'
396 attribute. The example above shows that for RoomID: 27236, the MinLOS is 2 and
397 MaxLOS is 999. -->
398
399 </StayRequirement>
400 </StayRequirements>
401 </Policy>
402 <Policy>
403 <GuaranteePaymentPolicy>
404 <GuaranteePayment>
405 <AcceptedPayments>
406 <AcceptedPayment>
407
408 <!-- The <AcceptedPayment> contains the credit/debit cards accepted by the accommodation.
409 -->
410
411 <PaymentCard CardCode="VI" CardType ="2"/>
412 </AcceptedPayment>
413 <AcceptedPayment>
414 <PaymentCard CardCode="DS" CardType ="1"/>
415
416 <!-- The CardType value is taken from OTA-CodeTable Card Type "CDT". For example
417 CardType="1" specifies it is a Credit Card, 2 specifies Debit Card. The CardCode
418 needs to be strictly from one of the supported cards as per the
419 Supported Credit Cards table from Appendix. -->
420

```

**cultuZZ.**



```

421         </AcceptedPayment>
422     </AcceptedPayments>
423     </GuaranteePayment>
424     </GuaranteePaymentPolicy >
425 </Policy>
426 <Policy>
427     <PetsPolicies>
428         <PetsPolicy PetsPolicyCode="1001" />
429         <PetsPolicy PetsPolicyCode="1002" />
430
431 <!-- PetsPolicyCode holds OTA Codes of PetsPolicyCode (PET) table.
432 Removal: Removal of PetsPolicies by <PetsPolicy/> -->
433
434     <PetsPolicies>
435 </Policy>
436 <Policy CodeDetail = "AvailabilitySplitting">
437     <PolicyInfoCodes>
438         <PolicyInfoCode CodeContext="DistributorID" Code="14638" ExistsCode="1"/>
439         <PolicyInfoCode CodeContext="DistributorID" Code="6484" ExistsCode="2"/>
440
441 <!-- AvailabilitySplitting allows splitting of availability for the connected
442 distributors of this object specified under PolicyInfoCode->Code. 'ExistsCode'
443 holds three values (1-Split availability, 2- don't split availability, 3-Split
444 according to channel setting -->
445
446     </PolicyInfoCodes>
447 </Policy>
448 </Policies>
449 <GDS_Info>
450     <GDS_Codes>
451         <GDS_Code GDS_Name="Jacob" GDS_PropertyCode="29221"/>
452         <GDS_Code GDS_Name="Airmiles" GDS_PropertyCode="29222"/>
453         <GDS_Code GDS_Name="Tiscover" GDS_PropertyCode="ACCd7245s8"/>
454
455 <!-- The attribute 'GDSName' under 'GDSCode' element specifies name of a distributed
456 system and the attribute 'GDSPropertyCode' is the UniqueId for that system. -->
457
458     </GDS_Codes>
459 </GDS_Info>
460 <AffiliationInfo>
461 <Awards>
462     <Award Rating="5"/>
463
464 <!-- The 'Award' element can be used to specify any awards received by the hotelier.
465 The attribute 'Rating' contains the value for the award received. Typically
466 this would be used to mention the "Star" rating of the accommodation like
467 5-Star, 3-Star etc. -->
468
469     <Award Provider="Hotelstars Union" Date="2010-12-20" Rating="9"
470         RatingSymbol="Diamond"/>
471
472 <!-- Alternately, the attribute 'RatingSymbol' can be used with the value of "Star"
473 or "Diamond". Also, the attribute 'Provider' contains the name of the rating
474 provider. The 'Date' attribute specifies on which date this award is given to
475 this hotel. For example, the XML fragment above specifies that this accommod-
476 ation is given a rating of "9 Diamonds" by "Hotelstars Union" on "Dec 20th
477 2010". -->
478
479     <Award Provider="Green Leaf" Date="2010-12-20" Rating="3:Green" />
480
481 <!-- If the rating is something related to Environmental or any other kind of
482 rating other than Luxury like Star or Diamond, it could be provided within the
483 same 'Rating' attribute by clubbing both "rating" and "rating type" with a ":"
484 for example, if the award is 3-Greens, then the 'Rating' attribute can have
485 the value of "3:Green". If the award is 5-Waste Management, then the 'Rating'
486 attribute can have the value of "5:WasteManagement". -->
487
488     <Award Rating="3:5" OfficialAppointmentInd="true"/>
489
490 <!-- Here rating is related to the accommodations Bar or GolfCourt or any other. If
491 'officialAppointmentInd' is True means, consider the specified rating
492 otherwise ignore it. -->
493
494 </Awards>
495 <PartnerInfos>
496
497 <!-- 'PartnerInfos' gives information about the partners or distributed systems
498 connected to our distributor i.e external distributors. -->
499
500     <PartnerInfo>
501         <Contact Removal="False">
502             <CompanyName CompanyShortName="Linz"/>
503         </Contact>
504         <Description Name="RESORT_TOWN" CreatorID="Tiscover">
505             <Text><![CDATA[The official partner]]></Text>
506         </Description>
507     </PartnerInfo>

```

**cultuzz.**



```

508     </PartnerInfos>
509 </AffiliationInfo>
510 <ContactInfos>
511     <ContactInfo LastUpdated="2011-07-05T06:56:01">
512         <Addresses> <!--Hotelier address-->
513             <Address FormattedInd="false" UseType="7">
514                 <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
515                 <BldgRoom><![CDATA[Dwarakanagar]]></BldgRoom>
516                 <AddressLine><![CDATA[9-9-106/8]]></AddressLine>
517
518 <!-- Here "StreetNmbr" holds first-street, "BldgRoom" holds second-street
519 and "AddressLine" holds street-number -->
520
521                 <CityName><![CDATA[Visakhapatnam]]></CityName>
522                 <PostalCode><![CDATA[530016]]></PostalCode>
523                 <StateProv><![CDATA[Bremen]]></StateProv>
524                 <CountryName Code="IN"><![CDATA[India]]></CountryName>
525             </Address>
526         </Addresses>
527         <Phones>
528             <Phone PhoneNumber="+49 (30) 726225-0" PhoneTechType="1"/>
529             <Phone PhoneNumber="+49 (30) 726225-59" PhoneTechType="3"/>
530         </Phones>
531         <Emails>
532             <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
533             <Email DefaultInd="false" EmailType="3">
534                 cultuzz_alternate@cultuzz.com</Email>
535         </Emails>
536         <URLs>
537             <URL><![CDATA[www.cultuzz.com]]></URL>
538         </URLs>
539         <CompanyName Code="CultuzzDep" CodeContext="Department"
540             CompanyShortName="CultShortName">Cultuzz_India</CompanyName>
541     </ContactInfo>
542     <ContactInfo>
543         <Addresses>
544             <Address RPH="en" UseType="3"><!-- Billing Address -->
545
546 <!-- The attribute UseType="3" indicates Billing Address and RPH="en" specifies
547 language code(Here it is English)-->
548
549                 <StreetNmbr><![CDATA[Dwaraka Nagar 3rd Lane]]></StreetNmbr>
550                 <AddressLine><![CDATA[Cultuzz]]></AddressLine>
551                 <AddressLine><![CDATA[No. 47-9-14]]></AddressLine>
552                 <CityName><![CDATA[Visakhapatnam]]></CityName>
553                 <PostalCode><![CDATA[530016]]></PostalCode>
554                 <StateProv><![CDATA[Andhrapradesh]]></StateProv>
555             </Address>
556         </Addresses>
557         <Emails>
558             <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
559         </Emails>
560         <URLs>
561             <URL><![CDATA[www.cultuzz.com]]></URL>
562         </URLs>
563     </ContactInfo>
564     <ContactInfo ContactProfileID="19" ContactProfileType="3"
565         LastUpdated="2011-07-05T15:10:12" Removal="false">
566
567 <!-- The ContactProfileID="19" indicated the Bussiness Contact person details. For
568 creating Bussiness Contact person details, 'ContactProfileID' holds the string
569 as "new" and later it takes updates by giving the profileID (assigned uniquely
570 for this contact person of this objectID) under ContactProfileID.
571 Removing the detailsof the contact person is possible by giving Removal="true".
572
573 The attribute "ContactProfileType" represents the Relationship of the contact person.
574 Here, the value '3' indicates that this contact person is a 'General manager' of a
575 specific property.
576 ContactProfileType holds otaCodes of RelationshipCodes (REL) table.
577 -->
578
579         <Names>
580             <Name CodeDetail="en" Gender="Male">
581                 <NameTitle><![CDATA[Mr. ]]></NamePrefix>
582                 <GivenName><![CDATA[TestGivenMNameForUpdate]]></GivenName>
583                 <Surname><![CDATA[TestsurNameforUpdate]]></Surname>
584                 <JobTitle Type="corporate"><![CDATA[TestJobForUpdate]]></JobTitle>
585                 <MiddleName><![CDATA[TestMiddleNameForUpdate]]></MiddleName>
586             </Name>
587         </Names>
588         <Phones>
589             <Phone Extension="10" PhoneNumber="7569317626" PhoneTechType="3"/>
590             <Phone Extension="7" PhoneNumber="9175617626" PhoneTechType="7"/>
591         </Phones>
592         <Emails>
593             <Email EmailType="3"><![CDATA[cultdoc@gamil.com]]></Email>
594             <Email EmailType="4"><![CDATA[cultdocument@cultuzz.com]]></Email>

```

**cultuzz.**

```

595         </Emails>
596         <URLs>
597             <URL Type="business"><![CDATA[www.cultuzz.com/cultswitch]]></URL>
598             <URL Type="business"><![CDATA[www.cultuzz.com/cultdesk]]></URL>
599         </URLs>
600     </ContactInfo>
601 </ContactInfos>
602 <Viewerships>
603     <Viewership>
604         <Profiles>
605             <Profile ProfileType="12">
606                 <CompanyInfo>
607                     <PaymentForm>
608                         <BankAcct AcctType="Savings" BankAcctNumber = "11034587298"
609                             BankID="11102">
610
611 <!-- AcctType can hold any of these values "Savings/Investment/Checking". -->
612
613                         <BankAcctName><![CDATA[Cultuzz]]></BankAcctName>
614                     </BankAcct>
615                 </PaymentForm>
616                 <CompanyName Code="1012" CodeContext="SWIFT"><![CDATA[CultBank]]></CompanyName>
617             </Profile>
618 <!-- Here CodeContext can be SWIFT/BIC/IBAN and the value posted by the attribute 'Code'
619 specifies its respective values. -->
620         </Profiles>
621     </Viewership>
622 </Viewerships>
623 <Profiles>
624     <Profile>
625         <PrefCollections>
626             <PrefCollection>
627                 <HotelPref>
628                     <RecreationSrvcPref RecreationSrvcType="61" />
629                     <RecreationSrvcPref RecreationSrvcType="62" />
630
631 <!-- RecreationSrvcType holds OTA Codes of RecreationServiceType (RST) table.
632
633                     <PropertyLocationPref PropertyLocationType="8" />
634                     <PropertyLocationPref PropertyLocationType="10" />
635
636 <!-- PropertyLocationType holds OTA Codes of LocationCategoryCodes (LOC) table. -->
637
638                 </HotelPref>
639                 <VehicleRentalPref>
640                     <SpecialEquipPref EquipType="28" />
641                     <SpecialEquipPref EquipType="35" />
642
643 <!-- EquipType holds OTA Codes of Equipment Type (EQP) from OtherOTACodes table. -->
644
645                 </VehicleRentalPref>
646                 <AirlinePref>
647                     <FareRestrictPref FareRestriction="1" />
648
649 <!-- FareRestriction holds OTA Codes of Fare Restriction (FAR) from OtherOTACodes table.
650 -->
651                     <TicketDistribPref DistribType="1" />
652
653 <!-- DistribType holds OTA Codes of Distribution Type (DTB) from OtherOTACodes table.-->
654
655                 </AirlinePref>
656
657 <!-- Removal: Removal of RecreationSrvcPref by <RecreationSrvcPref/> ,
658 PropertyLocationPref by <PropertyLocationType/>, SpecialEquipPref by <EquipType/>
659 and FareRestrictPref by <FareRestriction/> under their xml structures.-->
660
661             </PrefCollection>
662         </PrefCollections>
663     </Profile>
664 </Profiles>
665 </Viewership>
666 </Viewerships>
667 <AreaInfo>
668     <RefPoints>
669         <RefPoint Direction="south" Distance="10.50" UnitOfMeasureCode="2"
670             RefPointName="Corporation" Name="cultuzz"
671             RefPointCategoryCode="11" Code="Cltz" ExistsCode="1" />
672
673 <!-- The attribute 'UnitOfMeasureCode' specifies distance in kilometers from OTA-UOM
674 code table and 'RefPointCategoryCode' is assigned from OTA-REF table.The attri-
675 bute 'ExistsCode' values '1' for 'Yes' and '0' for 'No'.
676 Removal: Removal of RefPoints by <RefPoint/>
677
678 The attribute "Distance" allows Decimal values, up-to two digits. -->
679
680
681

```

**cultuzz.**

```

682         <RefPoint RefPointCategoryCode="11" />
683         <RefPoint RefPointCategoryCode="12" />
684
685     <!-- RefPointCategoryCode holds OTACodes of ReferencePointCategoryCode (REF) table.-->
686
687     </RefPoints>
688     <Attractions>
689         <Attraction AttractionCategoryCode="56" />
690         <Attraction AttractionCategoryCode="73" />
691
692     <!-- AttractionCategoryCode holds OTA Codes of AttractionCategoryCode (ACC) table.
693         Removal: Removal of Attractions by <Attraction/> -->
694
695     </Attractions>
696     <Recreations>
697         <Recreation>
698             <RecreationDetails>
699                 <RecreationDetail Code="16" />
700                 <RecreationDetail Code="21" />
701
702             <!-- Code holds OTA Codes of RecreationSrvDetailCode (REC) table.
703                 Removal: Removal of Recreations by <RecreationDetail/> -->
704
705             </RecreationDetails>
706         </Recreation>
707     </Recreations>
708     </AreaInfo>
709     <TPA_Extensions>
710
711     <!-- 'EcommerceInfo' specifies official details about the company like groups, etc. -->
712
713     <EcommerceInfo ID="QWATU12" Name="TiscoverName" Remove="False">
714         <Authroity Name="TiscoverName"/>
715         <GroupsInfo>
716             <Group Code="Case" CodeDetail="TiscoverCase"/>
717             <Group Code="Occupational" CodeDetail="TiscoverCase"/>
718
719         <!-- Here, 'Case' and 'Occupational' are fixed contexts with the given values under
720             'CodeDetail'. -->
721
722         </GroupsInfo>
723         <CompanyName Code="FN 74973-f"><![CDATA[CompanyNameType]]></CompanyName>
724     </EcommerceInfo>
725     <PaymentTypes>
726
727     <!-- By using PaymentTypes, the accommodation provider can specify which kind of payments
728         are allowed. -->
729
730     <PaymentType Code="1" CodeDetail="ATM_Card_Maestro"/>
731     <PaymentType Code="2" CodeDetail="Cash"/>
732     <PaymentType Code="3" CodeDetail="Cheque"/>
733     <PaymentType Code="4" CodeDetail="QuichCard"/>
734     <PaymentType Code="5" CodeDetail="Transfter"/>
735     <PaymentType Code="6" CodeDetail="Travellers_Cheque"/>
736     </PaymentTypes>
737     </TPA_Extensions>
738 </HotelDescriptiveContent>
739 </HotelDescriptiveContents>
740 </OTA_HotelDescriptiveContentNotifRQ>
741

```

**cultuzz.**

## 5.2.2 Response Message (OTA\_HotelDescriptiveContentNotifRS)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
3   Target="Production" TimeStamp="2011-08-01T09:56:01"
4   TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <TPA_Extensions>
8     <ResponseTime ProcessTime="2.453" RequestStartTime="2011-08-01 09:40:01.213"
9       ProcessTimeUnit="Seconds" ResponseEndTime="2011-08-01 09:56:03.666"/>
10
11   <!-- While setting the GuaranteeAllotment, Incase of insufficient availability, along
12     with an error message the following will be displayed in the response.
13
14     <Policies>
15       <Policy Code="3" CodeDetail="RequiredAvailability" Start="2012-12-02" End="2012-12-03"/>
16       <Policy Code="3" CodeDetail="RequiredAvailability" Start="2012-12-06" End="2012-12-06"/>
17     </Policies>
18
19     The above indicates, required availability is failed to set for the requested
20     channel for the duration specified under 'Start' and 'End' attributes. 'Code'
21     indicates required availability to set the failed GuaranteeAllotment. -->
22
23   </TPA_Extensions>
24 </OTA_HotelDescriptiveContentNotifRS>
```



Back to OTA-Messages : [Master Data update \(OTA\\_HotelDescriptiveContentNotifRQ/RS\)](#)

## 5.3 OTA\_HotelDescriptiveInfoRQ/RS

### 5.3.1 Request Message (OTA\_HotelDescriptiveInfoRQ)

This request should be requested for not more than 30 objects per request.

```
1 <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2   TimeStamp="2011-07-05T09:56:01" Target="Production"
3   Version="3.30"
4   PrimaryLangID="en">
5   <POS>...</POS>
6   <HotelDescriptiveInfos>
7     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
8
9     <!-- The specific HotelID for which the descriptive info is to be requested, needs to
10        be specified with the attribute 'AccommodationCode'. For a detailed accommodation
11        information, each of the following elements may be used but not mandatory. -->
12
13     <HotelInfo SendData="1" />
14
15     <!-- If attribute 'SendData' holds "true" or "1" for the element 'HotelInfo', then
16        the response contains the accommodation info like descriptions, category codes,
17        position etc.-->
18
19     <FacilityInfo SendGuestRooms="1" />
20
21     <!-- If attribute 'SendGuestRooms' holds "true" or "1" for the element 'FacilityInfo',
22        then the response contains the detailed information about guest rooms that are
23        available for the particular accommodation.-->
24
25     <AreaInfo SendRecreations="1" SendRefPoints="1"/>
26     <AffiliationInfo SendAwards="1" SendDistribSystems="1" />
27
28     <!-- If attribute "SendAwards" holds "true" or "1" for the element 'AffiliationInfo',
29        then the response gives the information about the awards of the accommodation.
30        Irrespective of the presence of any attribute, the presence of element 'Affili-
31        ationInfo' makes the response contain the information about accommodation's
32        DistribSystem. -->
33
34     <ContactInfo SendData="1"/>
35
36     <!-- If attribute 'SendData' holds "true" or "1" for element 'ContactInfo', then
37        the response contains the registered communication/contact information. -->
38
39     <Policies SendPolicies="1" />
40     <ContentInfos>
41       <ContentInfo Name="GDS_Info" />
42       <ContentInfo Name="BankData" />
43
44     <!-- To get the Object's complete bank information and GDS information the above xml
45        fragment is used. -->
46
47     </ContentInfos>
48   </HotelDescriptiveInfo>
49 </HotelDescriptiveInfos>
50 </OTA_HotelDescriptiveInfoRQ>
```

**cultuzz.**

### 5.3.2 Response Message (OTA\_HotelDescriptiveInfoRS)

```
1 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
2   TimeStamp="2011-07-05T10:08:34"
3   TransactionIdentifier="880cde19-75db-4734-b7e7-f77147068fed--1272349723"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <HotelDescriptiveContents>
7     <HotelDescriptiveContent BrandName="CULTUZZ"
8       ChainName="CultSwitch" CurrencyCode="EUR" HotelCode="12400"
9       HotelName="Cultuzz" LanguageCode="en">
10     <HotelInfo InterfaceCompliance="CultDesk"
11       PMSSystem="CultDesk" Start="2011-07-05" TaxID="HU67502BYYUGG">
12
13     <!-- The 'PMSSystem' attribute of 'HotelInfo' element describes which PMS system is
14        being used to manage the static and dynamic data of this accommodation. -->
15
16     <HotelName><![CDATA[Cultuzz]]></HotelName>
17     <OwnershipManagementInfos>
18       <OwnershipManagementInfo>
19         <CompanyName Code="8888ssss" CodeContext="CommercialRegisterNumber"/>
20
21     <!--'OwnershipManagementInfo' pushes information like registration number and
```

```

22 commercial registration number related to accommodation. -->
23
24 </OwnershipManagementInfo>
25 <OwnershipManagementInfo>
26 <CompanyName Code="8s" CodeContext="RegisterNumber"/>
27 </OwnershipManagementInfo>
28 <OwnershipManagementInfo>
29 <CompanyName Code="fdg5659" CodeContext="LegalRepresentative"/>
30 </OwnershipManagementInfo>
31 </OwnershipManagementInfos>
32 <CategoryCodes>
33 <GuestRoomInfo Code="230" Quantity="200"/>
34 <GuestRoomInfo Code="231" Quantity="0"/>
35 <LocationCategory Code="1" CodeDetail="VTZ"/>
36 <SegmentCategory Code="4"/>
37 <HotelCategory Code="4" />
38 </CategoryCodes>
39 <Descriptions>
40 <Description ContentCode="11" Name="txt:Location">
41 <Text Language="en"><![CDATA[Landmark for the hotel is Reliance
42 Departmental Store]]></Text>
43 </Description>
44 <Description ContentCode="7" Name="txt:description_long">
45 <Text Language="de" Formatted="false"><![CDATA[A multi-national hotel
46 providing all the types of facilities including Sea view ]]></Text>
47 </Description>
48 <Description ContentCode="12" Name="txt:Directions">
49 <Text Language="en"><![CDATA[Hotel situated at 10kms north from
50 the city main road]]></Text>
51 </Description>
52 <Description ContentCode="8" Name="txt:description_short">
53 <Text Language="en"><![CDATA[CultSwitchDocHotel is a hotel]]>
54 </Text>
55 </Description>
56 <Description ContentCode="10" Name="txt:Liability">
57 <Text Language="en"><![CDATA[Taxes will be included at the time
58 of billing]]></Text>
59 </Description>
60 <Description ContentCode="13" Name="txt:Insider_Tips">
61 <Text Language="en"><![CDATA[Donot spoil hotel related furnitu-
62 re and things]]></Text>
63 </Description>
64 <Description Name="url:CultBooking">
65 <URL><![CDATA[https://aquilae.cultuzz.de/cultbooking/index.php?
66 hotel_id=11614-12400-b0ae3]]></URL>
67 </Description>
68 <Description Name="url:CultBookingAGB">
69 <URL><![CDATA[https://albatros.cultuzz.de/service/dateiwerwal-
70 tung/upload/download.php?dateien_id=11725]]></URL>
71 </Description>
72 <Description CreatorID="CultDesk"
73 Description="CultDesk" Name="data:PMS/CRS_Software" RecordID="29">
74
75 <!-- For detailed explanation of each of the following elements and attributes,
76 (if description is not present), please take a look at the XML description of
77 OTA_HotelDescriptiveContentNotifRQ message. Most of the elements found in this
78 message are explained there. -->
79
80 <!-- For a detailed description of values used under 'Name' attribute of 'Description'
81 elements, please refer to CultSwitch Name-Attributes.-->
82
83 <Text><![CDATA[CultDesk]]></Text>
84
85 <!-- The PMS software registered to be used with this accommodation is specified
86 under the attribute 'CreatorID' and the 'Text' element specifies the software
87 name. -->
88
89 </Description>
90 <Description ContentCode="1" Name="img:approach_map">
91 <Text Language="en"><![CDATA[http://extweb.cultuzz.de/bv/12400/
92 img_169570.jpg]]></Text>
93 </Description>
94 <Description ContentCode="4" Name="img:company_logo">
95 <Text Language="en"><![CDATA[http://extweb.cultuzz.de/bv/12400/
96 img_169568.jpg]]></Text>
97 </Description>
98 <Description Name="txt:HotelName" RecordID="1761">
99 <Text Language="ab"><![CDATA[Hotel name in AB Language]]></Text>
100 </Description>
101 <Description Name="txt:HotelName" RecordID="1873">
102 <Text Language="de"><![CDATA[Hotel name in German lang]]></Text>
103 </Description>
104 <Description Name="txt:HotelName" RecordID="2911">
105 <Text Language="de"><![CDATA[Hotel name in German lang]]></Text>
106 </Description>
107 <Description ContentTitle="image"
108

```

**cultuzz.**

```

109         CreateDateTime="2011-06-21T11:00:00"
110         LastModifyDateTime="2011-07-05T09:54:40"
111         Name="singleroomtype" RecordID="9012">
112         <URL><![CDATA[http://extweb.cultuzz.de/bv/122/img81129.jpg]]></URL>
113
114     <!-- On successful creation of an accommodation, a booking engine is created automatically
115     which can be used by the hotelier to allow the guests to book rooms in their
116     accommodation directly from this website. The URL for the booking engine, specific for
117     this accommodation, is given within the element 'Description' and its attribute 'Name'
118     with value "url:CultBooking". This URL is unique and differs from accommodation to
119     accommodation. Please take a look at: http://www.cultuzz.com/cultbooking for
120     further information about CultBooking. -->
121
122     </Description>
123     <Description ContentTitle="image"
124         CreateDateTime="2011-06-21T11:00:00"
125         LastModifyDateTime="2011-07-05T09:56:11"
126         Name="singleroomtype" RecordID="9014">
127         <URL><![CDATA[http://extweb.cultuzz.de/bv/122/img81129.jpg]]></URL>
128     </Description>
129     <Description Name="txt:description_long" Language="de"
130         ContentTitle="HomePage:Text" RecordID="4875"
131         ContentCaption="Season2" ParagraphNumber="1">
132         <Text Language="de"><![CDATA[Description about HomePage]]></Text>
133     </Description>
134     <Description Name="txt:description_long"
135         ContentTitle="Gallery:Text" Language="de"
136         ContentCaption="At3" ParagraphNumber="1" RecordID="4876">
137         <Text Language="de"><![CDATA[Description about Gallery]]></Text>
138     </Description>
139     <Description Name="txt:description_long" Language="de"
140         ContentTitle="HomePage:Text" ContentCaption="SeasonAr5"
141         ParagraphNumber="3" RecordID="4877">
142         <Text Language="de"><![CDATA[A multi-national hotel providing all the types of
143         facilities]]></Text>
144     </Description>
145     <Description Name="txt:description_short"
146         ContentTitle="HomePage:Link" ContentCaption="84"
147         ParagraphNumber="4" RecordID="4878">
148         <URL><![CDATA[www.comic.com/images/]]></URL>
149     </Description>
150     <Description Name="txt:description_short"
151         ContentTitle="HomePage:Picture" ContentCaption="58"
152         ParagraphNumber="2" Removal="True" RecordID="4875">
153     <Image><![CDATA[www.fg.com/92.png]]></Image>
154     </Description>
155
156     <Description CodeDetail="12" ContentCode="6" ContentData="Display"/>
157
158     <!-- The value for attribute 'ContentCode' conforms to the OTA CodeList CTT, with
159     the value of "6" it specifies a "Map", and the attribute 'ContentData' having
160     value "display" specifies that the accommodation's map can be displayed and the
161     attribute 'CodeDetail' with value "12" specifies the Zoom Level of the Map. -->
162
163     <Description CodeDetail="200" ContentData="MinCapacity"/>
164     <Description CodeDetail="250" ContentData="MaxCapacity"/>
165     <Description CodeDetail="25" ContentData="MaxRoomSize"/>
166     <Description InfoCode="8" />
167
168     <!-- InfoCode holds otaCodes of Information Type (INF) of OtherOTACodes table. -->
169
170     </Descriptions>
171     <Position Latitude="88.01212120" Longitude="120.00121000"/>
172     <Services>
173         <Service Code="5"/>
174         <Service>
175             <Description ContentData="offline" Name="BookingService"/>
176
177             <!-- 1) BookingService can be online/offline depending upon the value held by the
178             attribute ContentData.BookingService can Activate/Deactivate (online/offline)
179             the Object from a Present-Date to Timely-Unlimited -->
180
181         </Service>
182
183         <!-- OR -->
184         <!-- 2) BookingService can Activate/Deactivate (online/offline) the Object from
185         a Future-Date to some other Future-Date-->
186
187         <Service>
188             <Description ContentData="online" Name="BookingService"/>
189             <OperationSchedules>
190                 <OperationSchedule Start="2013-10-02" End="2013-10-20" />
191             </OperationSchedules>
192         </Service>
193
194         <!-- OR -->
195         <!-- 3) BookingService can Activate/Deactivate (online/offline) the Object from

```

**cultuzz.**

```

196 a Future-Date to Timely-Unlimited-->
197
198 <Service>
199 <Description ContentData="online" Name="BookingService"/>
200 <OperationSchedules>
201 <OperationSchedule Start="2013-10-02"/>
202 </OperationSchedules>
203 </Service>
204
205 <!-- OR -->
206 <!-- 4) BookingService can Activate/Deactivate (online/offline) the Object from
207 the Present-Date to some other Future-Date-->
208
209 <Service>
210 <Description ContentData="online" Name="BookingService"/>
211 <OperationSchedules>
212 <OperationSchedule End="2013-09-20"/>
213 </OperationSchedules>
214 </Service>
215 <Service >
216 <Description PictureCategoryCode="10" />
217
218 <!-- PictureCategoryCode holds otaCodes of PictureCategoryCode (PIC) from
219 OtherOTACodes table. -->
220
221 </Service>
222 <Service>
223 <Contact>
224 <Names>
225 <Name SrvcCode="11" />
226
227 <!-- SrvcCode holds otaCodes of Contact Srvc Code (CSC) from OtherOTACodes table. -->
228
229 </Names>
230 </Contact>
231 </Service>
232 </Services>
233 <RelativePositions>
234 <RelativePosition>
235 <Transportations>
236 <Transportation TransportationCode="4" />
237 <Transportation TransportationCode="17" />
238
239 <!-- TransportationCode holds otaCodes of Transportation Code (TRP) from OtherOTACodes
240 table. -->
241
242 </Transportations>
243 </RelativePosition>
244 <RelativePosition IndexPointCode="3" />
245 <RelativePosition IndexPointCode="6" />
246
247 <!-- IndexPointCode holds otaCodes of IndexPointCode (IPC) table. -->
248
249 </RelativePositions>
250 <CategoryCodes>
251 <HotelCategory Code="18" />
252 <HotelCategory Code="19" />
253
254 <!-- Code holds otaCodes of PropertyClassType (PCT) table. -->
255
256 </CategoryCodes>
257 </HotelInfo>
258 <FacilityInfo LastUpdated="2011-07-05T09:54:34">
259 <Restaurants>
260 <Restaurant>
261 <InfoCodes>
262 <InfoCode Code="7" />
263
264 <!-- Code holds otaCodes of Restaurant Category Code (RES) from OtherOTACodes table.-->
265 </InfoCodes>
266 <SrvcInfoCodes>
267 <SrvcInfoCode Code="9" />
268 <SrvcInfoCode Code="14" />
269
270 <!-- Code holds otaCodes of Restaurant Srvc Info (RSI) of OtherOTACodes table. -->
271
272 </SrvcInfoCodes>
273 <CuisineCodes>
274 <CuisineCode Code="57" />
275 <CuisineCode Code="1001" />
276
277 <!-- Code holds otaCodes of MainCuisineCode (CUI) table. -->
278
279 </CuisineCodes>
280 </Restaurant>
281 </Restaurants>
282 <MeetingRooms>

```

**cultuzz.**



```

283     <MeetingRoom>
284     <Codes>
285         <Code Code="18" />
286         <Code Code="119" />
287
288     <!-- Code holds otaCodes of MeetingRoomCode (MRC) table. -->
289
290     </Codes>
291 </MeetingRoom>
292 </MeetingRooms>
293 </FacilityInfo>
294 <Policies>
295     <Policy>
296         <PolicyInfo CheckInTime="10:30:00" CheckOutTime="20:30:00" >
297             <Description name ="Reception Timings"/>
298         </PolicyInfo>
299     </Policy>
300     <Policy>
301         <StayRequirements>
302             <StayRequirement MaxLOS="666" MinLOS="2">
303                 <Description Name="27236"/>
304             </StayRequirements>
305
306     <!-- The <StayRequirement> now carry attributes MaxLOS and MinLOS (if specified in
307          master data) indicates the Maximum and Minimum length of stay required for
308          the particular room. The RoomID is identified by the <Description> element
309          with its 'Name' attribute. The example shows that for Room ID: 27236, the
310          MinLOS is 2 and MaxLOS is 666. -->
311
312     </Policy>
313     <Policy>
314         <GuaranteePaymentPolicy>
315             <GuaranteePayment>
316                 <AcceptedPayments>
317                     <AcceptedPayment>
318                         <PaymentCard CardCode="VI" CardType="1"/>
319
320     <!-- The <AcceptedPayment> contains the accepted cards for this accommodation, if
321          specified in master data. The "CardType" value is taken from OTA-CodeTable
322          Card Type "CDT".
323          For example CardType="1" specifies its a Credit Card, 2 specifies Debit Card.
324          The CardCode is as per the supported credit cards table from appendix. -->
325
326             </AcceptedPayment>
327         </AcceptedPayments>
328     </GuaranteePayment>
329 </GuaranteePaymentPolicy>
330 </Policy>
331 <Policy CodeDetail="GuaranteedAllotment_Status">
332     <PolicyInfoCodes>
333         <PolicyInfoCode Code="6484" CodeContext="DistributorID" ExistsCode="1"/>
334
335     <!-- Here the attribute ExistsCode="1" indicates Active and ExistsCode="2"
336          indicates Deactive. -->
337
338     </PolicyInfoCodes>
339 </Policy>
340 <Policy Start="2010-10-20" End="2010-10-21" Code="27236"
341     CodeDetail="GuaranteedAllotment_RoomTypeCode" Duration="P2D">
342     <PolicyInfoCodes>
343         <PolicyInfoCode CodeContext="DistributorID" Code="6484" Quantity="3"/>
344     </PolicyInfoCodes>
345
346     <!-- The 'Policy' element with attribute 'CodeDetail' containing value
347          "GuaranteedAllotment_RoomTypeCode" specifies that this element describes about
348          the Guaranteed Allotment. The value within the attribute 'Code' explains for
349          which RoomTypeCode this Guaranteed Allotment applies to. The attributes 'Start'
350          and 'End' specifies the period of validity of this Guaranteed Allotment and the
351          the attribute 'Duration' specifies the value of Release Time.
352          The value of Duration needs to be as per the rules specified at
353          http://www.w3.org/TR/xmlschema-2/#duration. For example, P1M2D specifies
354          1 month + 2 days. -->
355
356     <!-- The element 'PolicyInfoCodes' contains a list of several channels for which
357          this Guaranteed Allotment applies to, each channel identified within its own
358          'PolicyInfoCode' element. The attribute 'CodeContext' with value "ChannelID"
359          specifies that the value within the attribute 'Code' is a Channel ID to which
360          this Guaranteed Allotment applies to. Where as the Guaranteed Allotment value
361          is specified within the attribute 'Quantity'. -->
362
363     </Policy>
364 </Policy>
365     <PetsPolicies>
366         <PetsPolicy PetsPolicyCode="1001" />
367         <PetsPolicy PetsPolicyCode="1002" />
368
369     <!-- PetsPolicyCode holds otaCodes of PetsPolicyCode (PET) table. -->

```

**cultuzz.**

```

370
371     <PetsPolicies>
372 </Policy>
373 <Policy CodeDetail = "AvailabilitySplitting">
374   <PolicyInfoCodes>
375     <PolicyInfoCode CodeContext="DistributorID" Code="14638" ExistsCode="1"/>
376     <PolicyInfoCode CodeContext="DistributorID" Code="6484" ExistsCode="2"/>
377   </PolicyInfoCodes>
378 </Policy>
379 </Policies>
380 <AreaInfo>
381   <RefPoints>
382     <RefPoint Direction="south" Distance="10.50" UnitOfMeasureCode="2"
383       RefPointName="Corporation" Name="cultuzz"
384       RefPointCategoryCode="11" Code="Cltz" ExistsCode="1" />
385
386 <!-- The attribute 'UnitOfMeasureCode' specifies distance in kilometers from OTA-UOM
387 code table and the attribute 'RefPointCategoryCode' is assigned from OTA-REF
388 table. The attribute 'ExistsCode' values '1' for 'Yes' and '0' for 'No'.
389
390 The attribute "Distance" allows Decimal values, up-to two digits. -->
391
392     <RefPoint RefPointCategoryCode="11" />
393     <RefPoint RefPointCategoryCode="12" />
394
395 <!-- RefPointCategoryCode holds otaCodes of ReferencePointCategoryCode (REF) table.
396 -->
397   </RefPoints>
398   <Attractions>
399     <Attraction AttractionCategoryCode="56" />
400     <Attraction AttractionCategoryCode="73" />
401
402 <!-- AttractionCategoryCode holds otaCodes of AttractionCategoryCode (ACC) table. -->
403
404   </Attractions>
405   <Recreations>
406     <Recreation>
407       <RecreationDetails>
408         <RecreationDetail Code="16" />
409         <RecreationDetail Code="21" />
410
411 <!-- Code holds otaCodes of RecreationSrvcdetailCode (REC) table. -->
412
413       </RecreationDetails>
414     </Recreation>
415   </Recreations>
416   </AreaInfo>
417   <AffiliationInfo LastUpdated="2011-07-04T10:08:34">
418     <Awards>
419       <Award Date="2010-12-20" Provider="Hotelstars Union"
420         Rating="9" RatingSymbol="Diamond"/>
421
422 <!-- The above XML fragment specifies that this accommodation is given a rating of
423 "9 Diamonds" by "Hotelstars Union" on "Dec 20th 2010". -->
424
425       <Award Date="2010-12-20" Provider="Green Leaf" Rating="3:Green"/>
426
427 <!-- The above XML fragment specifies that this accommodation is given a rating of
428 "3 Greens" by "Green Leaf" on "Dec 20th 2010". -->
429
430       <Award Rating="5"/>
431
432 <!-- The 'Award' element specifies the rating of the accommodation. Here it is 5-Stars. -->
433
434 <!-- For more details about how these ratings are pushed to CultSwitch,
435 click Award Descriptions. -->
436
437     </Awards>
438   </AffiliationInfo>
439   <ContactInfos>
440     <ContactInfo LastUpdated="2011-07-05T09:56:01">
441       <Addresses>
442         <Address FormattedInd="false" UseType="7">
443           <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
444           <BldgRoom><![CDATA[Dwarakanagar]]></BldgRoom>
445           <AddressLine><![CDATA[9-9-106/8]]></AddressLine>
446
447 <!-- Here "StreetNmbr" holds first-street, "BldgRoom" holds second-street
448 and "AddressLine" holds street-number -->
449
450           <CityName><![CDATA[Visakhapatnam]]></CityName>
451           <PostalCode><![CDATA[530016]]></PostalCode>
452           <StateProv StateCode="5"><![CDATA[Bremen]]></StateProv>
453           <CountryName Code="IN"><![CDATA[India]]></CountryName>
454         </Address>
455       </Addresses>
456       <Phones>

```

**cultuzz.**

```

457         <Phone PhoneNumber="+49 (30) 726225-0" PhoneTechType="1"/>
458         <Phone PhoneNumber="+49 (30) 726225-59" PhoneTechType="3"/>
459     </Phones>
460     <Emails>
461         <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
462         <Email DefaultInd="false" EmailType="3">
463             cultuzz_alternate@cultuzz.com</Email>
464     </Emails>
465     <URLs>
466         <URL><![CDATA[www.cultuzz.com]]></URL>
467     </URLs>
468     <CompanyName Code="CultuzzDep" CodeContext="Department"
469         CompanyShortName="CultShortName">Cultuzz_India</CompanyName>
470 </ContactInfo>
471 <ContactInfo>
472     <Addresses>
473         <Address RPH="en" UseType="3">
474             <StreetNmbr><![CDATA[Dwaraka Nagar 3rd Lane]]></StreetNmbr>
475             <AddressLine><![CDATA[Cultuzz]]></AddressLine>
476             <AddressLine><![CDATA[No. 47-9-14]]></AddressLine>
477             <CityName><![CDATA[Visakhapatnam]]></CityName>
478             <PostalCode><![CDATA[530016]]></PostalCode>
479             <StateProv><![CDATA[Andhrapradesh]]></StateProv>
480         </Address>
481     </Addresses>
482     <Emails>
483         <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
484     </Emails>
485     <URLs>
486         <URL><![CDATA[www.cultuzz.com]]></URL>
487     </URLs>
488 </ContactInfo>
489 <ContactInfo ContactProfileID="1" ContactProfileType="3"
490     LastUpdated="2011-07-05T09:56:01">
491
492 <!-- ContactProfileType holds otaCodes of RelationshipCodes (REL) table. -->
493 <!-- Following is the address of Business Contact person. -->
494
495     <Names>
496     <Name CodeDetail="en" Gender="Male">
497         <NameTitle><![CDATA[Mr. ]]></NameTitle>
498         <GivenName><![CDATA[TestGivenMNameForUpdate]]></GivenName>
499         <Surname><![CDATA[TestsurNameforUpdate]]></Surname>
500         <JobTitle Type="corporate"><![CDATA[TestJobForUpdate]]></JobTitle>
501         <MiddleName><![CDATA[TestMiddleNameForUpdate]]></MiddleName>
502     </Name>
503     </Names>
504     <Phones>
505         <Phone Extension="10" PhoneNumber="7569317626" PhoneTechType="3"/>
506         <Phone Extension="7" PhoneNumber="9175617626" PhoneTechType="7"/>
507     </Phones>
508     <Emails>
509         <Email EmailType="3"><![CDATA[cultdoc@gamil.com]]></Email>
510         <Email EmailType="4"><![CDATA[cultdocument@cultuzz.com]]></Email>
511     </Emails>
512     <URLs>
513         <URL Type="bussiness"><![CDATA[www.cultuzz.com/cultswitch]]></URL>
514         <URL Type="bussiness"><![CDATA[www.cultuzz.com/cultdesk]]></URL>
515     </URLs>
516 </ContactInfo>
517 </ContactInfos>
518 <Viewerships>
519     <Viewership>
520         <Profiles>
521             <Profile>
522                 <CompanyInfo>
523                     <PaymentForm>
524                         <BankAcct AcctType="Savings"
525                             BankAcctNumber="11034587298" BankID="11102">
526                             <BankAcctName><![CDATA[Cultuzz]]></BankAcctName>
527                         </BankAcct>
528                     </PaymentForm>
529                     <CompanyName Code="1012" CodeContext="SWIFT"/>
530                 </CompanyInfo>
531             </Profile>
532         </Profiles>
533     </Viewership>
534     <Viewership>
535         <Profiles>
536             <Profile>
537                 <PrefCollections>
538                     <PrefCollection>
539                         <HotelPref>
540                             <RecreationSrvcPref RecreationSrvcType="61" />
541                             <RecreationSrvcPref RecreationSrvcType="62" />
542
543 <!-- RecreationSrvcType holds otaCodes of RecreationServiceType (RST) table. -->

```

**cultuzz.**

```

544         <PropertyLocationPref PropertyLocationType="8" />
545         <PropertyLocationPref PropertyLocationType="10" />
546
547     <!-- PropertyLocationType holds otaCodes of LocationCategoryCodes (LOC) table. -->
548
549     </HotelPref>
550     <VehicleRentalPref>
551         <SpecialEquipPref EquipType="28" />
552         <SpecialEquipPref EquipType="35" />
553
554     <!-- EquipType holds otaCodes of Equipment Type (EQP) of OtherOTACodes table. -->
555
556     </VehicleRentalPref>
557     <AirlinePref>
558         <FareRestrictPref FareRestriction="1" />
559
560     <!-- FareRestriction holds otaCodes of Fare Restriction (FAR) of OtherOTACodes table. -->
561
562     <TicketDistribPref DistribType="1" />
563
564     <!-- DistribType holds otaCodes of Distribution Type (DTB) of OtherOTACodes table.-->
565
566     </AirlinePref>
567     </PrefCollection>
568     </PrefCollections>
569     </Profile>
570     </Profiles>
571     </Viewership>
572     </Viewerships>
573     <GDS_Info>
574         <GDS_Codes>
575             <GDS_Code GDS_Name="Jacob" GDS_PropertyCode="29221"/>
576             <GDS_Code GDS_Name="Airmiles" GDS_PropertyCode="29222"/>
577         </GDS_Codes>
578     </GDS_Info>
579     <TPA_Extensions>
580     <EcommerceInfo ID="QWATU12" Name="TiscoverName" Remove="False">
581         <Authroity Name="TiscoverName"/>
582         <GroupsInfo>
583             <Group Code="Case" CodeDetail="TiscoverCase"/>
584             <Group Code="Occupational" CodeDetail="TiscoverCase"/>
585
586     <!-- Here, 'Case' and 'Occupational' are fixed contexts with the given values under 'CodeDetail'. -->
587
588     </GroupsInfo>
589     <Company Name="FN 74973-f"><![CDATA[CompanyNameType]]></Company Name>
590     </EcommerceInfo>
591     <PaymentTypes>
592         <PaymentType Code="1" CodeDetail="ATM_Card_Maestro" Start="" End="" />
593         <PaymentType Code="2" CodeDetail="Cash" Start="" End="" />
594         <PaymentType Code="3" CodeDetail="Cheque" Start="" End="" />
595         <PaymentType Code="4" CodeDetail="QuichCard" Start="" End="" />
596         <PaymentType Code="5" CodeDetail="Transfter" Start="" End="" />
597         <PaymentType Code="6" CodeDetail="Travellers_Cheque" Start="" End="" />
598     </PamentTypes>
599     </TPA_Extensions>
600     </HotelDescriptiveContent>
601     </HotelDescriptiveContents>
602     <TPA_Extensions>
603         <ResponseTime ProcessTime="0.108" ProcessTimeUnit="Seconds"
604             RequestStartTime="2011-07-05 10:08:33.977"
605             ResponseEndTime="2011-07-05 10:08:34.085"/>
606     </TPA_Extensions>
607     </OTA_HotelDescriptiveInfoRS>
608

```

**cultuzz.**

Back to OTA-Messages : [Accommodation Data Request \(OTA\\_HotelDescriptiveInfoRQ/RS\)](#)

## 5.4 OTA\_ReadRQ/OTA\_ResRetrieve

### 5.4.1 Request Message (OTA\_ReadRQ)

Request about booking since last query. This request is of four types: 1) **Accommodation Reservation Read Request** 2) **Global Reservation Read Request** 3) **OTA\_ReadRQ by Booking ID** and 4) **OTA\_ReadRQ by other search criteria**.

#### Type 1. Accommodation Reservation Read Request (HotelReadRequest)

If the "Accommodation Reservation" is requested, the response contains all the bookings occurred since the last ReadRequest request sent. For example, if a ReadRequest is sent at 10PM today and after a while, the ReadRequest is sent at 11PM today, then the second response contains all the bookings that have taken place in between 10PM and 11PM.

For a detailed explanation of how these could be achieved, please see the XML fragment below:

**cultuzz.**

---

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      TimeStamp="2012-05-11 09:56:42.605" Target="Production" Version="3.30"
4      PrimaryLangID="de" ReservationType="3" ReqRespVersion="3.30">
5
6      <POS>...</POS>
7      <ReadRequests>
8
9      <!-- CultSwitch could be asked for special version for response by setting the
10         attribute ReqRespVersion. -->
11
12      <HotelReadRequest HotelCode="12400" HotelCodeContext="CLTZ"/>
13
14      <!-- Within the ReadRequests-container either the HotelReadRequest element OR the
15         GlobalReservationReadRequest can be sent, but not both. -->
16
17      <!-- By default the request-type should be the HotelReadRequest element, so that all
18         bookings which have changed since the last request will be listed in the response.
19      -->
20      </ReadRequests>
21  </OTA_ReadRQ>
```

---

#### Type 2. Global Reservation Read Request (GlobalReservationReadRequest)

It may be useful in case of system breakdown or interruption of the interface, that PMS gets the opportunity to once again request again all bookings in a defined period. An accommodation may want to ask again for all bookings since a defined day or period by GlobalReservationReadRequest.

If the "Global Reservation" is requested, it should have a "Start Time" and "End Time" specified. The response contains all the bookings that have taken place in between the start time and end time. There is no restriction for range that is specified between Start time and End time. The information pertaining to bookings that have taken place since last one or two years could be requested using global reservation.

For a detailed explanation of how these could be achieved, please see the XML fragment below:

---

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2012-05-11T09:56:42.605" Target="Production" Version="3.30"
4      PrimaryLangID="de" ReservationType="3" ReqRespVersion="3.30">
5
6      <POS>...</POS>
7      <ReadRequests>
8
9      <!-- If there are any problems with previous HotelReadRequest at the accommodation site
10         or if there is a requirement of archival purposes to fetch all the bookings over a
11         period of time, 'GlobalReservationReadRequest' element could be used. -->
12
13         <GlobalReservationReadRequest Start="2012-04-01" End="2012-04-10" />
14
15     <!-- All the bookings that have taken place since the date specified in attribute
16         'Start' (2011-07-01 in our example) to previous date specified in attribute
17         'End' (2011-07-09 as per our example) will be returned. -->
18
19     </ReadRequests>
20 </OTA_ReadRQ>

```

---

**cultuzz.**

### Type 3. OTA\_ReadRQ by Booking ID

In order to fetch the booking details of a particular booking, PMS can also make a request based on Booking ID. We can find the detailed xml below.

---

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2012-05-11 09:56:42.605" Target="Production" Version="3.30"
4      PrimaryLangID="de" ReservationType="3" ReqRespVersion="3.30">
5
6      <POS>...</POS>
7      <ReadRequests>
8          <ReadRequest>
9              <UniqueID ID="876517" ID_Context="CltzBookingID" />
10
11      <!-- For complete booking : Here ID under the element UniqueID holds the bookingId
12         for which we need to fetch the details. -->
13
14      <!-- OR -->
15
16          <UniqueID ID="ZnWESCiP-1341139045" ID_Context="CltzBookingCode" />
17
18      <!-- For two phase booking : Here ID holds booking code generated after first phase
19         of booking. -->
20
21          </ReadRequest>
22      </ReadRequests>
23 </OTA_ReadRQ>

```

---

### Type 4. OTA\_ReadRQ by search criteria

CultSwitch restricts the number of Bookings/Cancellations in a response, to provide better response times. Per each request, a maximum of 50 number of Booking/-Cancellation records are allowed.

1) In order to fetch the Past/Current/Future bookings list, PMS can also make a request based on Past, Current and Future date types.

---

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Target="Production" Version="3.00" ReqRespVersion="3.30"

```

---

```

4         Timestamp="2012-04-03T13:43:12" ReservationType="3" PrimaryLangID="en" >
5     <POS>...</POS>
6     <ReadRequests>
7         <ReadRequest>
8             <Verification>
9                 <TPA_Extensions>
10
11         <!-- 1. Requesting the booking details based on Past Date. -->
12         <!-- Per each request we get a maximum number of 50 bookings in a response. Here
13         the attributes FromIndex="0" ToIndex="49" specifies the Bookings from 1 to 50. For
14         the next 50 bookings, attributes should be written as FromIndex="50" ToIndex="99". -->
15
16         <!-- The total number of Bookings and Cancellations are indicated by the value of the
17         attribute - MaxResponses="80" under <OTA_ResRetrieveRS> element, of the response XML -->
18
19         <LimitsInfo FromIndex="0" ToIndex="50"/>
20         <Date DateType="Past" />
21         <Date DateType="PastExcludeCancellations" />
22
23
24     <!-- OR -->
25     <!-- 2. Requesting the booking details based on Current Date. -->
26
27         <LimitsInfo FromIndex="0" ToIndex="50"/>
28         <Date DateType="Current" />
29         <Date DateType="CurrentExcludeCancellationsAndNoShow" />
30
31     <!-- OR -->
32     <!-- 3. Requesting the booking details based on Future Date. -->
33
34         <LimitsInfo FromIndex="0" ToIndex="50"/>
35         <Date DateType="Future" />
36         <Date DateType="FutureExcludeCancellationsAndNoShow" />
37
38     </TPA_Extensions>
39 </Verification>
40 </ReadRequest>
41 </ReadRequests>
42 </OTA_ReadRQ>

```

**cultuzz.**

2) In order to fetch the booking details of all Cancelled Bookings, make use of the below XML.

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3     Target="Production" Version="3.00" ReqRespVersion="3.30"
4     Timestamp="2012-04-03T13:43:12" PrimaryLangID="en" >
5     <POS>...</POS>
6     <ReadRequests>
7         <ReadRequest>
8             <Verification>
9                 <TPA_Extensions>
10                     <LimitsInfo FromIndex="0" ToIndex="50"/>
11
12         <!-- Per each request we get a maximum number of 50 Cancellations in a response. Here
13         the attributes FromIndex="0" ToIndex="49" specifies the Cancellations from 1 to 50. For
14         the next 50 Cancellations, attributes should be written as FromIndex="50" ToIndex="99". -->
15
16         <!-- The total number of Bookings and Cancellations are indicated by the value of the
17         attribute - MaxResponses="80" under <OTA_ResRetrieveRS> element, of the response XML -->
18
19         <UniqueID ID="15" ID_Context="ResponseType" />
20
21     <!-- Requesting the details of all Cancelled bookings. -->
22
23     <!-- OR-->
24         <UniqueID ID="18" ID_Context="ResponseType" />
25
26     <!-- Requesting the details of all No-Show bookings. -->
27
28         <Date DateType="CancellationDate" Start="2012-11-15"/>
29
30     <!-- Requesting the details of all Cancelled bookings based on specific date. -->
31
32     </TPA_Extensions>
33 </Verification>
34 </ReadRequest>
35 </ReadRequests>
36 </OTA_ReadRQ>

```

3) In order to fetch details of Bookings and Cancellations based on Guest Name, Arrival Date, Departure Date, Stay Date, Stay Period, Booking Date, Bookings date range, Booking ID, Room Category, Product ID and Distributor ID, use the below XML.

**cultuzz.**

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Target="Production" Version="3.00" ReqRespVersion="3.30"
4      Timestamp="2012-04-03T13:43:12" PrimaryLangID="en" >
5      <POS>...</POS>
6      <ReadRequests>
7          <ReadRequest>
8              <Verification>
9
10         <!-- 1. Requesting the details of Bookings and Cancellations based on Guest Name. -->
11
12         <PersonName>
13             <GivenName>TestName1</GivenName>
14             <Surname>sur</Surname>
15         </PersonName>
16
17         <!-- OR -->
18
19         <TPA_Extensions>
20             <LimitsInfo FromIndex="0" ToIndex="50"/>
21
22         <!-- Per each request we get a maximum number of 50 Bookings and Cancellations in a
23              response. Here the attributes FromIndex="0" ToIndex="49" specifies the Bookings and
24              Cancellations from 1 to 50. For the next 50 Bookings and Cancellations,
25              attributes should be written as FromIndex="50" ToIndex="99". -->
26
27         <!-- The total number of Bookings and Cancellations are indicated by the value of the
28              attribute - MaxResponses="80" under <OTA_ResRetrieveRS> element, of the response XML -->
29
30         <Date DateType="ArrivalDate" Start="2013-01-12" />
31
32         <!-- 2. Requesting the details of Bookings and Cancellations based on Arrival Date. -->
33
34         <!-- OR -->
35         <Date DateType="ArrivalDate" Start="2012-12-07" End="2012-12-10" />
36
37         <!-- 3. Requesting the details of Bookings and Cancellations based on Arrival Date Range. -->
38
39         <!-- OR -->
40
41         <Date DateType="DepartureDate" Start="2012-12-07" End="2012-12-10" />
42
43         <!-- 4. Requesting the details of Bookings and Cancellations based on Departure Date Range. -->
44
45         <!-- OR -->
46         <!-- 5. Requesting the details of Bookings and Cancellations based on Stay Date. -->
47
48         <Date DateType="StayDate" Start="2013-06-22" />
49
50         <!-- OR -->
51         <!-- 6. Requesting the details of Bookings and Cancellations based on Stay Period. -->
52
53         <Date DateType="StayPeriod" Start="2012-12-07" End="2012-12-10" />
54
55         <!-- OR -->
56         <!-- 7. Requesting the details of Bookings and Cancellations based on Booking Date. -->
57
58         <Date DateType="BookingEnteries" Start="2012-12-07" />
59
60         <!-- OR -->
61         <!-- 8. Requesting the details of Bookings and Cancellations based on Bookings date range. -->
62
63         <Date DateType="BookingEnteries" Start="2012-12-07" End="2012-12-10" />
64
65         <!-- OR -->
66         <!-- 9. Requesting the details of Bookings and Cancellations based on Booking ID.
67              The Booking ID can either Cultuzz Booking ID or Channel Booking ID -->
68
69         <UniqueID ID="875877" ID_Context="BookingNumber" Instance="0"/>
70
71         <!-- Attribute "Instance" specifies the type of BookingNumber. Here, 0 represents
72              channelBookingID, 1 represents cltzBookingID and 2 represents UnKnown BookingID -->
73
74         <!-- OR -->
75         <!-- 10. Requesting the details of Bookings and Cancellations based on Room Categeory. -->
76
77         <UniqueID ID="5308" ID_Context="ProductElement" />

```



```

78 <!-- OR -->
79 <!-- Requesting the details of Bookings and Cancellations based on Product ID. -->
80
81 <UniqueID ID="83208" ID_Context="Product" />
82
83 <!-- OR -->
84 <!-- 11. Requesting the details of Bookings and Cancellations based on Distributor ID. -->
85
86 <UniqueID ID="1772" ID_Context="Channel" />
87
88 </TPA_Extensions>
89 </Verification>
90 </ReadRequest>
91 </ReadRequests>
92 </OTA_ReadRQ>
93

```

---

4) In order to fetch details of Bookings and Cancellations based on Cancel Policy ID, No-Show Policy ID, Payment Policy ID and Booking Guarantee ID, use the below XML.

**cultuzz.**

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Target="Production" Version="3.00" ReqRespVersion="3.30"
4   TimeStamp="2012-04-03T13:43:12" PrimaryLangID="en" >
5   <POS>...</POS>
6   <ReadRequests>
7     <ReadRequest>
8       <Verification>
9         <TPA_Extensions>
10          <LimitsInfo FromIndex="0" ToIndex="50"/>
11
12 <!-- Per each request we get a maximum number of 50 Bookings and Cancellations in a
13 response. Here the attributes FromIndex="0" ToIndex="49" specifies the Bookings and
14 Cancellations from 1 to 50. For the next 50 Bookings and Cancellations,
15 attributes should be written as FromIndex="50" ToIndex="99". -->
16
17 <!-- The total number of Bookings and Cancellations are indicated by the value of the
18 attribute - MaxResponses="80" under <OTA_ResRetrievers> element, of the response XML -->
19
20 <UniqueID ID="154" ID_Context="CancellationPolicy" />
21
22 <!-- 1. Requesting the details of Bookings and Cancellations based on Cancel Policy ID. -->
23
24 <!-- OR -->
25
26 <UniqueID ID="53" ID_Context="NoShowPolicy" />
27
28 <!-- 2. Requesting the details of Bookings and Cancellations based on No-Show Policy ID. -->
29
30 <!-- OR -->
31
32 <UniqueID ID="19" ID_Context="PaymentPolicy" />
33
34 <!-- 3. Requesting the details of Bookings and Cancellations based on Payment Policy ID. -->
35
36 <!-- OR -->
37
38 <UniqueID ID="3" ID_Context="BookingGuarantee" />
39
40 <!-- 4. Requesting the details of Bookings and Cancellations based on Booking Guarantee ID. -->
41
42 </TPA_Extensions>
43 </Verification>
44 </ReadRequest>
45 </ReadRequests>
46 </OTA_ReadRQ>

```

---

5) CultSwitch allows "Multiple search criteria" to fetch the Bookings and Cancellations. We can combine two or more criterions in one single search. Then the response contains filtered set of used criterions.

For Example : We can combine criterions like Product and Payment Policy. We get the result of Bookings and Cancellations based on first criterion Product ID and then based on second criterion Payment Policy ID. So finally we get the bookings based on the above two search criterions.



```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Target="Production" Version="3.00" ReqRespVersion="3.30"
4      Timestamp="2012-04-03T13:43:12" PrimaryLangID="en" >
5  <POS>...</POS>
6  <ReadRequests>
7      <ReadRequest>
8          <Verification>
9              <TPA_Extensions>
10                 <LimitsInfo FromIndex="0" ToIndex="50"/>
11             </TPA_Extensions>
12             <!-- Per each request we get a maximum number of 50 Bookings and Cancellations in a
13                  response. Here the attributes FromIndex="0" ToIndex="49" specifies the Bookings and
14                  Cancellations from 1 to 50. For the next 50 Bookings and Cancellations,
15                  attributes should be written as FromIndex="50" ToIndex="99". -->
16             <!-- The total number of Bookings and Cancellations are indicated by the value of the
17                  attribute - MaxResponses="80" under <OTA_ResRetrieveRS> element, of the response XML -->
18             <Date DateType="Past" />
19             <Date DateType="Current" />
20             <Date DateType="Future" />
21             <UniqueID ID="15" ID_Context="ResponseType" />
22             <UniqueID ID="83208" ID_Context="Product" />
23             <UniqueID ID="5308" ID_Context="ProductElement" />
24             <UniqueID ID="1772" ID_Context="Channel" />
25             <Date DateType="BookingEntries" Start="2012-12-07" End="2012-12-10" />
26             <Date DateType="ArrivalDate" Start="2012-12-07" End="2012-12-10" />
27             <Date DateType="DepartureDate" Start="2012-12-07" End="2012-12-10" />
28             <UniqueID ID="1461444" ID_Context="BookingNumber" />
29             <UniqueID ID="19" ID_Context="PaymentPolicy" />
30             <UniqueID ID="3" ID_Context="BookingGuarantee" />
31             <UniqueID ID="154" ID_Context="CancellationPolicy" />
32             <UniqueID ID="53" ID_Context="NoShowPolicy" />
33         </Verification>
34     </ReadRequest>
35 </ReadRequests>
36 </OTA_ReadRQ>
```

## 5.4.2 Response Message (OTA\_ResRetrieve)

The response sent to client in OTA\_ResRetrieve depends, on the version in ReqRespVersion of the OTA\_ReadRQ and is **product** logic.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ResRetrieveRS TimeStamp="2012-05-11T09:56:43" MaxResponses="80"
3   TransactionIdentifier="56984ad7-59ea-4658-a777-710b19652cac-284166155"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <ReservationsList>
7     <HotelReservation CreateDateTime="2012-05-10T12:46:42" RoomStayReservation="true">
8
9     <!-- The response Booking reply (from "3.30" and above) is highly bounded to the concept of product
10      logic. In detail the response is similar to the response for OTA_HotelAvailRQ and
11      OTA_HotelResRQ for products.-->
12
13     <!-- The value of the 'CreateDateTime' attribute defines the booking time, the value
14      'LastModifyDateTime' exists only if the reservation was cancelled and shows the
15      cancellation time. -->
16
17     <UniqueID ID="876517" Type="14"/>
18
19     <!-- The value for attribute 'Type' within the UniqueID element explains if the container
20      comprises a modified booking (16) or a newly generated booking (14) or a
21      No-Show (18).-->
22
23     <!-- For a No-Show, the value for attribute 'Type' will be "18" and the value for
24      attribute 'URL' will be "urn:cultuzz:cultswitch:xml:request:cancelrq:noshow".
25      For detailed information please refer No-Show request.-->
26
27     <RoomStays>
28       <RoomStay IndexNumber="11" MarketCode="12400"
29         SourceOfBusiness="CultSwitchDocHotel">
30
31       <!-- For example, the MarketCode for HRS is '1' in case of ReqRespVersion below 3.20
32
33       <RoomStay MarketCode="1" SourceOfBusiness="HRS"> -->
34
35       <!-- The MarketCode for HRS is '6484' in case of ReqRespVersion from 3.20 and above
36
37       <RoomStay MarketCode="6484" SourceOfBusiness="HRS"> -->
38
39       <!-- Note: Here the MarketCode will be changed according to the value of "ReqRespVersion" attribute.
40       MarketCode indicates Channel ID when the PMS requested with the ReqRespVersion below 3.20.
41       MarketCode indicates Distributor ID when the PMS requested with the ReqRespVersion
42       from 3.20 and above. These can be found in the table Market Codes for Source of Business
43       specified in appendix. -->
44
45       <!-- SourceOfBusiness is a short textual description of the distribution channel
46       where this booking was originated. SourceOfBusiness could be the accommodation
47       name or "CultSwitch", which means that this booking was made directly against
48       CultSwitch from the accommodation's own web page or via Cultuzz's booking engine
49       www.cultbooking.com. The attribute MarketCode contains the related ID of the
50       accommodation within the distribution channel. The list of MarketCodes and
51       SourceOfBusinesscan can be found in the table Market Codes for Source of Business
52       specified in appendix. -->
53
54       <RoomTypes>
55
56       <!-- NumberOfUnits specifies the number of booked units of RoomType specified under
57       'RoomTypeCode' for this specific booking. -->
58
59       <RoomType NumberOfUnits="2" RoomTypeCode="38397">
60         <RoomDescription Name="Double Bed Room_Apr24">
61           <Text/>
62         </RoomDescription>
63
64         <!--CultSwitch supports Add-Ons in separate elements. PMS's needs to configure this feature
65         at CultSwitch end. And if PMS asks with ReqRespVersion "3.42" then they will get both Day Level
66         And Room Level Add-Ons. -->
67
68         <AdditionalDetails>
69           <AdditionalDetail Amount="5.00">
70             <DetailDescription>
71               <Text><![CDATA[RMA:1030::RMAName:Parking space::AddOnName:
72                 Parkplatz::PM:1]]></Text>
73             </DetailDescription>
74           </AdditionalDetail>
75         </AdditionalDetails>
76
77       <!-- "Room Level Add-Ons" For RoomTypeCode 38397 and for the whole stay, an add-on of amount
78       of 5.00 of Hotel Base Currency has been booked. The add-on name as per OTA Room Amenity Code
```

**cultuzz.**

```

79  is Parking space. The addon name as received from the channel is Partplatz -->
80
81      </RoomType>
82      <RoomType NumberOfUnits="1" RoomTypeCode="38399">
83          <RoomDescription Name="Triple Bed Room_Apr24">
84              <Text/>
85          </RoomDescription>
86      </RoomType>
87      <RoomType IsRoom="false" RoomTypeCode="PD94951"/>
88      <RoomType IsRoom="false" RoomTypeCode="PD94957"/>
89  </RoomTypes>
90  <RoomRates>
91      <RoomRate BookingCode="876517" NumberOfUnits="1"
92          RatePlanID="94951" RatePlanType="11" RoomTypeCode="38397"/>
93      <RoomRate BookingCode="876517" NumberOfUnits="1"
94          RatePlanID="94957" RatePlanType="11" RoomTypeCode="38399"/>
95
96  <!-- In addition to the booked room, the response contains product related information.
97       Here the room 38399 was booked in the context of the product. Again with the
98       attribute RatePlanType="11", the information is determined to be related to product
99       logic. -->
100
101  <!-- Here, NumberOfUnits specifies the number of units booked of a particular ProductID type,
102       specified under 'RatePlanID'.
103       So here, the Product 94957 contain "One" unit of RoomType 38399 and the Product 94951
104       contains "One" unit of Room type 38397. The above two <RoomRate> elements related to
105       product definition.
106       There will be another two <RoomRate> elements which don't have the attribute
107       RatePlanType="11" and contains <Rates> element. -->
108
109      <RoomRate BookingCode="876517" NumberOfUnits="2"
110          InvBlockCode="STPCXCMCMC" RoomTypeCode="PD94951">
111          <Rates>
112              <Rate EffectiveDate="2012-06-09">
113                  <Base AmountAfterTax="81" CurrencyCode="EUR"/>
114                  <RateDescription Name="Guests:5">
115                      <Text><![CDATA[RMA:189::RMAName:Breakfast::AddonName:
116                          FrÃijhstÃijck::PM:4]]></Text>
117                      <Text><![CDATA[RMA:225::RMAName:Internet::AddonName:
118                          Internet::PM:3]]></Text>
119                  </RateDescription>
120                  <AdditionalCharges>
121                      <AdditionalCharge Quantity="1" RoomAmenityCode="189">
122                          <Amount AmountAfterTax="15.00"/>
123                      </AdditionalCharge>
124                      <AdditionalCharge RoomAmenityCode="225">
125                          <Amount AmountAfterTax="5.00"/>
126                      </AdditionalCharge>
127                  </AdditionalCharges>
128
129              <!-- "Day Level Add-Ons", For given date and for a guest count of 5, the base amount of the
130                   room code 38397 is 81. There are two addons booked with RMA Code 189 and 225, for this
131                   room code 38397 (present in product id 94951). The price of the addon with RMA code 189
132                   is 15.00 and addon with RMA code 225 is 5.00. -->
133
134                  </Rate>
135                  <Rate EffectiveDate="2012-06-10">
136                      <Base AmountAfterTax="24.88" CurrencyCode="EUR"/>
137                  </Rate>
138
139                  <Rate EffectiveDate="2012-06-11">
140                      <Base AmountAfterTax="24.88" CurrencyCode="EUR"/>
141                  </Rate>
142              </Rates>
143          </RoomRate>
144      <RoomRate BookingCode="876517" NumberOfUnits="1"
145          InvBlockCode="STPCXCMCMC" RoomTypeCode="PD94957">
146
147  <!-- 'InvBlockCode' specifies an auto-generated value, which maps Cultuzz product to
148       distributed systems product. -->
149
150      <Rates>
151          <Rate EffectiveDate="2012-06-09">
152
153              <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
154
155  <!-- CurrencyCode points the currency format and AmountAfterTax is the amount charged
156       for that particular day. -->
157  <!-- The rate information is delivered for each day separately. Attribute EffectiveDate
158       shows the relevant booked day. -->
159
160          </Rate>
161          <Rate EffectiveDate="2012-06-10">
162              <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
163          </Rate>
164          <Rate EffectiveDate="2012-06-11">
165              <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>

```

**cultuzz.**

```

166         </Rate>
167     </Rates>
168 </RoomRate>
169
170
171 <!-- In the first RoomRate element, NumberOfUnits specifies number of products booked.
172 Here PD94951 means product 94951. In this case "two" units of product 94951
173 are booked for 2012-06-09, 2012-06-10 and 2012-06-11.
174 The price for each date is given under Rate element.
175
176 In the second RoomRate element, PD94957 means product 94957. In this case "one" unit of
177 product 94957 booked for 2012-06-09, 2012-06-10 and 2012-06-11.
178
179 Totally two different types of products were booked for the given dates.
180 So, we shown NumberOfUnits = 2 in the RoomTypes of the OTA_ResRetrieveRS.
181
182 NOTE: CultSwitch following this kind of logic because of the hotelier can provide the
183 availability per room basis, but channels will accept availability per product.
184
185 Up to now, CultSwitch is processing homogeneous bookings only. i.e. Date range will
186 be applicable for the all products in the booking (as in the above case). But it is
187 not possible to book "P1" for two days, and "P2" for one day within one request. But
188 some channels are sending this kind of reservations to our system. In this case we
189 can make a general reservation. We accept these types of Reservations and update our
190 DB with right data. However, we are unable to send the booking data correctly to PMS
191 and also, in confirmation mails due to CultSwitch XML architecture. -->
192
193 <!-- For Example : <RoomTypes>
194     <RoomType NumberOfUnits="2" RoomTypeCode="35450">
195         <RoomDescription LastModifyDateTime="2013-03-19T16:16:13"
196             Name=" EZ Komfort">
197             <Text><![CDATA[GerÄd'umige Zimmer mit eigener Du /WC. WLAN im Zimmer
198                 ist kostenlos. XL-Boxspringbett(120/140erBreite),
199                 Kleiderschrank mit Kofferablage, Nachttischlampe,
200                 Direktwahl-Telefon, Flachbild TV, Schreibtisch,
201                 Stuhl, Mappe mit Schreibutensilien, eine Flasche
202                 Mineralwasser kostenfrei. FÄijr warme Tage des Jahres
203                 stehen NebelsprÄijhventilatoren zur VerfÄijgung.]]>
204             </Text>
205         </RoomDescription>
206     </RoomType>
207     <RoomType IsRoom="false" RoomTypeCode="PD94896"/>
208     <RoomType IsRoom="false" RoomTypeCode="PD88698"/>
209 </RoomTypes>
210
211 -->
212
213 <!-- Here the room 35450 is mapped to the two Products of CultSwitch (PD94896, PD88698) -->
214
215 <!--
216     <RoomRates>
217     <RoomRate BookingCode="2280598" NumberOfUnits="1" RatePlanID="94896"
218         RatePlanType="11" RoomTypeCode="35450"/>
219     <RoomRate BookingCode="2280598" NumberOfUnits="1" RatePlanID="88698"
220         RatePlanType="11" RoomTypeCode="35450"/>
221     -->
222
223 <!-- Here, the attribute NumberOfUnits indicates the number of units of the Room Product
224 Element contained in the Product. Also, the <RoomRate> element contains RatePlanType="11".
225 RatePlanID indicates the Product ID. RoomTypeCode indicates the Room Code. RatePlanType="11"
226 indicates that this information is about Products.
227 That means, the Product ID - 94896, contains only 1 unit of the Room Code - 35450.
228 And also the Product ID - 88698, contains 1 unit of the same Room Code - 35450. Here, the
229 Room: 35450 is mapped to multiple Products (94896, 88698). -->
230
231 <!-- The below element "RoomRate" shows that, "two" units of product 94896 is booked for the
232 dates 2013-09-23, 2013-09-24, 2013-09-25 and 2013-09-26 -->
233
234 <!--
235     <RoomRate BookingCode="2280598" NumberOfUnits="2" RoomTypeCode="PD94896">
236     <Rates>
237     <Rate EffectiveDate="2013-09-23">
238         <Base AmountAfterTax="95.00" CurrencyCode="EUR"/>
239     </Rate>
240     <Rate EffectiveDate="2013-09-24">
241         <Base AmountAfterTax="95.00" CurrencyCode="EUR"/>
242     </Rate>
243     <Rate EffectiveDate="2013-09-25">
244         <Base AmountAfterTax="95.00" CurrencyCode="EUR"/>
245     </Rate>
246     <Rate EffectiveDate="2013-09-26">
247         <Base AmountAfterTax="95.00" CurrencyCode="EUR"/>
248     </Rate>
249     </Rates>
250 </RoomRate>
251
252 -->
253
254 <!-- The below element "RoomRate" shows that, "two" units of product 88698 is booked for
255 the date 2013-09-22 . -->
256

```

**cultuzz.**

```

253 <!-- <RoomRate BookingCode="2280598" NumberOfUnits="2" RoomTypeCode="PD88698">
254 <Rates>
255 <Rate EffectiveDate="2013-09-22">
256 <Base AmountAfterTax="95.00" CurrencyCode="EUR"/>
257 </Rate>
258 </Rates>
259 </RoomRate>
260 </RoomRates>
261 -->
262
263 <!-- No. of units of Room Code - 35450 booked = 1 (1 unit of Room Code - 35450 is present in
264 Product ID - 94896) * 2 (Units of the Product ID - 94896 booked) = 2 units for the dates
265 2013-09-23, 2013-09-24, 2013-09-25 and 2013-09-26 .
266 No. of units of Room Code - 35450 booked = 1 (1 unit of Room Code - 35450 is present in
267 Product ID - 88698) * 2 (Units of the Product ID - 88698 booked) = 2 units for the date
268 2013-09-22 -->
269
270 <!-- Based on the above two cases CultSwitch shows the products (2 units of 94896 and 2 units
271 of 88698) are booked, during the date range 2013-09-22 to 2013-09-26. Which implies that
272 2 units of the room (35450 mapped to multiple Products) has been booked for the given dates
273 as seen in the element <RoomType NumberOfUnits="2" RoomTypeCode="35450"> -->
274
275 </RoomRates>
276 <TimeSpan End="2012-06-12" Start="2012-06-09"/>
277 <Total AmountAfterTax="512.28" CurrencyCode="EUR"/>
278
279 <!-- AmountAfterTax under element 'Total' specifies the total price of all the products
280 of above booking for the booked period. -->
281
282 <Comments>
283 <Comment>
284 <Text>non-smoking Room </Text>
285
286 <!-- Room level comments are specified under the element 'Text'. -->
287
288 </Comment>
289 </Comments>
290 </RoomStay>
291 </RoomStays>
292 <ResGuests>
293 <ResGuest ResGuestRPH="899675">
294 <Profiles>
295 <ProfileInfo>
296 <Profile ProfileType="1">
297
298 <!-- Some channels can push two kinds of addresses on the Reservation Notifications. They
299 are Booker address and Billing address. Here ProfileType="1" specifies Booker address
300 and Address UseType ="3" specifies Billing address-->
301
302 <Customer Gender="Female">
303 <PersonName> <!-- Booker address -->
304 <GivenName><![CDATA[TestGivenName]]></GivenName>
305 <Surname><![CDATA[TestSurname]]></Surname>
306 <NameTitle><![CDATA[Prof. Dr.]]></NameTitle>
307 </PersonName>
308 <Telephone PhoneNumber="+49 (030) 485 254 23"/>
309 <Email><![CDATA[test@cultuzz.de]]></Email>
310 <Address FormattedInd="false">
311 <StreetNmbr><![CDATA[testBookerStreetNmbr]]></StreetNmbr>
312 <CityName><![CDATA[testBookerCityName]]></CityName>
313 <PostalCode><![CDATA[720546]]></PostalCode>
314 <CountryName Code="DE"/>
315 <CompanyName><![CDATA[test]]></CompanyName>
316 </Address>
317 <Address UseType= "3">
318
319 <!-- UseType for different values are, "3"-Billing, "2"-Mailing, "1"-Delivery, "5"-Other-->
320
321 <AddressLine>Mr</AddressLine>
322 <AddressLine>Smith</AddressLine>
323 <AddressLine>321 Myrtle Lane</AddressLine>
324 <CityName>Latrobe</CityName>
325 <PostalCode>15650</PostalCode>
326 <StateProv>PA</StateProv>
327 <CountryName>USA</CountryName>
328 </Address>
329 </Customer>
330 </Profile>
331 </ProfileInfo>
332 </Profiles>
333 <Comments>
334 <Comment>
335 <Text>I will come to hotel early morning only </Text>
336
337 <!-- These comments are usually made by the Booker( Guest) termed as Booker Remarks. -->
338
339 </Comment>

```

**cultuzz.**

```

340     </Comments>
341 </ResGuest>
342 </ResGuest>
343
344 <!--This section of ResGuest represents the guest information for the whole booking apart
345      from Room Level Guest information.
346      eg: for the booking which doesn't have Room Level Guest profiles.-->
347
348     <Profiles>
349         <ProfileInfo>
350             <Profile>
351                 <Customer>
352                     <PersonName>
353                         <GivenName><![CDATA[AdultGuest1]]>
354                         </GivenName>
355                         <Surname><![CDATA[guest]]>
356                         </Surname>
357                     </PersonName>
358                     <Telephone PhoneNumber="7569317126"/>
359                     <Email><![CDATA[testguest@cultuzz.com]]></Email>
360                     <Address>
361                         <StreetNmbr><![CDATA[XXXXX]]></StreetNmbr>
362                         <CityName><![CDATA[XXXXXX]]></CityName>
363                         <PostalCode><![CDATA[1111111]]></PostalCode>
364                         <CountryName Code="DE"/>
365                     </Address>
366                 </Customer>
367             </Profile>
368         </ProfileInfo>
369     </Profiles>
370 </ResGuest>
371 <ResGuest GroupEventCode="1" ResGuestRPH="11-38399-94957">
372
373 <!-- Per room guest profiles, guest counts can be provided under 'ResGuest' element.
374      For this purpose 'ResGuestRPH' holds index number (11) along with productID
375      (94951) as 11-94951. Incase, guest wants to book multiple units of same product,
376      then the total guests can stay in various rooms. The room unit number provided
377      using 'GroupEventCode'. In this case, GroupEventCode="1" means the below guest
378      information belongs to the first unit of the product '94957'. -->
379 -->
380 <!-- Each <ResGuest> element should contain attribute "ResGuestRPH" with the value to be
381      a combination of "RoomStay->IndexNumber" and "Cltz RoomTypeCode","Cltz ProductID".
382      For example, if the IndexNumber given for RoomStay is "11" and if the room code to
383      which this ResGuest is referring to is "38399" and Cltz ProductID is "94957" then
384      the ResGuestRPH would be "11-38399-94957". -->
385
386         <GuestCounts IsPerRoom="true">
387             <GuestCount AgeQualifyingCode="10" Count="2"/>
388             <GuestCount Age="13" Count="1"/>
389             <GuestCount Age="7" Count="1"/>
390             <GuestCount Age="3" Count="1"/>
391         </GuestCounts>
392     <Profiles>
393
394 <!-- Addresses for all the guests under 'GuestCounts' element are given under the
395      separate ProfileInfo's for each guest. -->
396
397         <ProfileInfo>
398             <Profile>
399                 <Customer>
400                     <PersonName>
401                         <GivenName><![CDATA[AdultGuest1]]></GivenName>
402                         <Surname><![CDATA[guest]]></Surname>
403                     </PersonName>
404                     <Telephone PhoneNumber="7569317626"/>
405                     <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
406                     <Address>
407                         <StreetNmbr><![CDATA[XXXXX]]></StreetNmbr>
408                         <CityName><![CDATA[XXXXXX]]></CityName>
409                         <PostalCode><![CDATA[1111111]]></PostalCode>
410                         <CountryName Code="DE"/>
411                     </Address>
412                 </Customer>
413             </Profile>
414         </ProfileInfo>
415         <ProfileInfo>
416             <Profile>
417                 <Customer>
418                     <PersonName>
419                         <GivenName><![CDATA[AdultGuest2]]></GivenName>
420                         <Surname><![CDATA[guest]]></Surname>
421                     </PersonName>
422                     <Telephone PhoneNumber="9030212515"/>
423                     <Email><![CDATA[testguest2@cultuzz.com]]></Email>
424                     <Address>
425                         <StreetNmbr><![CDATA[yyyyyyyy]]></StreetNmbr>
426                         <CityName><![CDATA[YYYYYY]]></CityName>

```

**cultuzz.**

```

427         <PostalCode><![CDATA[22222222]]></PostalCode>
428         <CountryName Code="IN"/>
429         <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
430             </CompanyName>
431     </Address>
432 </Customer>
433 </Profile>
434 </ProfileInfo>
435 <ProfileInfo>
436     <Profile>
437         <Customer>
438             <PersonName>
439                 <GivenName><![CDATA[ChildGuest1]]></GivenName>
440                 <Surname><![CDATA[guest]]></Surname>
441             </PersonName>
442             <Telephone PhoneNumber="9030212515"/>
443             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
444             <Address>
445                 <StreetNmbr><![CDATA[yyyyyyyy]]></StreetNmbr>
446                 <CityName><![CDATA[YYYYYY]]></CityName>
447                 <PostalCode><![CDATA[22222222]]></PostalCode>
448                 <CountryName Code="IN"/>
449                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
450                     </CompanyName>
451             </Address>
452         </Customer>
453     </Profile>
454 </ProfileInfo>
455 <ProfileInfo>
456     <Profile>
457         <Customer>
458             <PersonName>
459                 <GivenName><![CDATA[ChildGuest2]]></GivenName>
460                 <Surname><![CDATA[guest]]></Surname>
461             </PersonName>
462             <Telephone PhoneNumber="7569317626"/>
463             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
464             <Address>
465                 <StreetNmbr><![CDATA[XXXXXX]]></StreetNmbr>
466                 <CityName><![CDATA[XXXXXX]]></CityName>
467                 <PostalCode><![CDATA[11111111]]></PostalCode>
468                 <CountryName Code="DE"/>
469             </Address>
470         </Customer>
471     </Profile>
472 </ProfileInfo>
473 <ProfileInfo>
474     <Profile>
475         <Customer>
476             <PersonName>
477                 <GivenName><![CDATA[ChildGuest3]]></GivenName>
478                 <Surname><![CDATA[guest]]></Surname>
479             </PersonName>
480             <Telephone PhoneNumber="7569317626"/>
481             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
482             <Address>
483                 <StreetNmbr><![CDATA[XXXXXX]]></StreetNmbr>
484                 <CityName><![CDATA[XXXXXX]]></CityName>
485                 <PostalCode><![CDATA[11111111]]></PostalCode>
486                 <CountryName Code="DE"/>
487             </Address>
488         </Customer>
489     </Profile>
490 </ProfileInfo>
491 </Profiles>
492 </ResGuest>
493 <ResGuest GroupEventCode="1" ResGuestRPH="11-38397-94951">
494
495 <!-- Here, GroupEventCode="1" means the below guest information belongs to the
496      first unit of the product '94951'. -->
497
498     <GuestCounts IsPerRoom="true">
499         <GuestCount AgeQualifyingCode="10" Count="3"/>
500     </GuestCounts>
501     <Profiles>
502         <ProfileInfo>
503             <Profile>
504                 <Customer>
505                     <PersonName>
506                         <GivenName><![CDATA[Guest1]]></GivenName>
507                         <Surname><![CDATA[product1]]></Surname>
508                     </PersonName>
509                     <Telephone PhoneNumber="111111111111"/>
510                     <Email><![CDATA[testguest1@cultuzz.com]]></Email>
511                     <Address>
512                         <StreetNmbr><![CDATA[XXXXXX]]></StreetNmbr>
513                         <CityName><![CDATA[XXXXXX]]></CityName>

```

**cultuzz.**



```

514         <PostalCode><![CDATA[11111111]]></PostalCode>
515         <CountryName Code="DE"/>
516     </Address>
517     </Customer>
518 </Profile>
519 </ProfileInfo>
520 <ProfileInfo>
521     <Profile>
522         <Customer>
523             <PersonName>
524                 <GivenName><![CDATA[Guest2]]></GivenName>
525                 <Surname><![CDATA[product1]]></Surname>
526             </PersonName>
527             <Telephone PhoneNumber="222222222"/>
528             <Email><![CDATA[testguest2@cultuzz.com]]></Email>
529             <Address>
530                 <StreetNmbr><![CDATA[MarksStreet]]></StreetNmbr>
531                 <CityName><![CDATA[Berlin]]></CityName>
532                 <PostalCode><![CDATA[22222222]]></PostalCode>
533                 <CountryName Code="IN"/>
534                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
535                                     </CompanyName>
536             </Address>
537         </Customer>
538     </Profile>
539 </ProfileInfo>
540 <ProfileInfo>
541     <Profile>
542         <Customer>
543             <PersonName>
544                 <GivenName><![CDATA[Guest3]]></GivenName>
545                 <Surname><![CDATA[product1]]></Surname>
546             </PersonName>
547             <Telephone PhoneNumber="222222222"/>
548             <Email><![CDATA[testguest3@cultuzz.com]]></Email>
549             <Address>
550                 <StreetNmbr><![CDATA[MarksStreet]]></StreetNmbr>
551                 <CityName><![CDATA[Berlin]]></CityName>
552                 <PostalCode><![CDATA[22222222]]></PostalCode>
553                 <CountryName Code="IN"/>
554                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
555                                     </CompanyName>
556             </Address>
557         </Customer>
558     </Profile>
559 </ProfileInfo>
560 </Profiles>
561 </ResGuest>
562 <ResGuest GroupEventCode="2" ResGuestRPH="11-38397-94951">
563
564 <!-- This is another 'ResGuest' element for the productId 94951. GroupEventCode="2"
565 specifies second unit of '94951' product with different guest count specifications
566 apart from GroupEventCode="1" for this product. -->
567
568     <GuestCounts IsPerRoom="true">
569         <GuestCount AgeQualifyingCode="10" Count="1"/>
570         <GuestCount Age="7" Count="1"/>
571         <GuestCount Age="12" Count="1"/>
572     </GuestCounts>
573     <Profiles>
574         <ProfileInfo>
575             <Profile>
576                 <Customer>
577                     <PersonName>
578                         <GivenName><![CDATA[AdultGuest]]></GivenName>
579                         <Surname><![CDATA[product1]]></Surname>
580                     </PersonName>
581                     <Telephone PhoneNumber="9030212515"/>
582                     <Email><![CDATA[testguest@cultuzz.com]]></Email>
583                     <Address>
584                         <StreetNmbr><![CDATA[yyyyyyyy]]></StreetNmbr>
585                         <CityName><![CDATA[YYYYYY]]></CityName>
586                         <PostalCode><![CDATA[22222222]]></PostalCode>
587                         <CountryName Code="IN"/>
588                         <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
589                                     </CompanyName>
590                     </Address>
591                 </Customer>
592             </Profile>
593 </ProfileInfo>
594 <ProfileInfo>
595     <Profile>
596         <Customer>
597             <PersonName>
598                 <GivenName><![CDATA[ChildGuest1]]></GivenName>
599                 <Surname><![CDATA[product1]]></Surname>
600             </PersonName>

```

**cultuzz.**



```

688         </GuaranteeDescription>
689         <GuaranteeDescription Name="CardCode">
690             <Text><![CDATA[A6QKc5tLEgwsxmooRfXNa3CYew2ieYnEOeH3X5c6fQ=]]></Text>
691         </GuaranteeDescription>
692         <GuaranteeDescription CreatorID="0" Name="CardNumber">
693
694         <!-- Here, "CreatorID" refers to Credit Card Number or Token Number (from Data Trans).
695         0 - Credit Card Number, 1 - Token Number -->
696
697             <Text><![CDATA[FBsNZQwRI28UrZW2a36vw=]]></Text>
698         </GuaranteeDescription>
699         <GuaranteeDescription Name="SeriesCode">
700             <Text><![CDATA[DP+xzL8Isa6P50eki/XqLQ=]]></Text>
701         </GuaranteeDescription>
702     </Guarantee>
703     <Total AmountAfterTax="512.28" CurrencyCode="EUR"/>
704     <HotelReservationIDs>
705         <HotelReservationID ResID_Source="eBay"
706             ResID_SourceContext="TransactionNumber" ResID_Value="12587885"/>
707         <HotelReservationID ResID_Source="eBay"
708             ResID_SourceContext="eBayItemID" ResID_Value="12547895"/>
709         <HotelReservationID ResID_Source="Cultuzz"
710             ResID_SourceContext="ModifiedTo" ResID_Date="2014-08-10T08:53:25"
711             ResID_Value="12547895"/>
712
713     <!-- There are two cases a booking can be marked as 'Cancel' is as follows:
714     1. Direct cancellation of booking.
715     2. Modification of booking (cancel old booking + generate new booking).
716     ReqRespVersion=3.40 and upper versions supports to identify whether the booking
717     is canceled through Direct Cancellation or Modification.-->
718
719     <!-- If client requests for modified booking, CultSwitch will send modified booking
720     details with modified status(type="16") along with newly generated booking id
721     (ModifiedTo) and newly generated booking details with booking status(type="14")
722     along with modified booking details(CancelledFrom). -->
723
724     <!-- Here ResID_Value contains BookingID, if it is from Channel else it holds
725     eBayItemID, if the reservation is from eBay. -->
726
727     </HotelReservationIDs>
728 </ResGlobalInfo>
729 <WrittenConfInst>
730     <SupplementalData CreateDateTime="2012-05-10T12:53:42"
731         ParagraphNumber="1/0" Name="ReservarionIsSent" LastModifierID="XXX">
732
733     <!-- The 'LastModifierID' attribute represents the Acknowledgement ID for Cancellation. -->
734
735     <!-- This xml is used to indicate whether this reservation is sent to PMS or not.
736     CreateDateTime specifies booking sent time and ParagraphNumber (1/0) as "1"
737     indicates that this booking is already sent to PMS.
738
739     The following URL specifies the location of the booking pdf document. -->
740
741     <URL> http://albatros.cultuzz.de/service/bookings/2013-02/25/876517.pdf</URL>
742     </SupplementalData>
743 </WrittenConfInst>
744 </HotelReservation>
745 </ReservationsList>
746 <TPA_Extensions>
747     <ResponseTime ProcessTime="0.905" ProcessTimeUnit="Seconds"
748         RequestStartTime="2012-05-11 09:56:42.605"
749         ResponseEndTime="2012-05-11 09:56:43.510"/>
750 </TPA_Extensions>
751 </OTA_ResRetrieveRS>

```

**cultuzz.**

## Cancellation reply

The response with Type="15" under the element UniqueID shows Cancellation reply. The attribute 'LastModifyDateTime' shows the cancellation date and time. Here, 'ID' under UniqueID specifies cancellation id.

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ResRetrieveRS TimeStamp="2011-07-07T12:46:57"
3      TransactionIdentifier="1ff8ba21-c827-45ea-b48d-5bd84be62335-1917731918"
4      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5      <Success/>
6      <ReservationsList>
7          <HotelReservation CreateDateTime="2011-07-05T00:00:39"
8              LastModifyDateTime="2011-07-05T11:15:39" RoomStayReservation="true">
9
10     <!-- The value of the 'CreateDateTime' attribute defines the booking time, the value
11     'LastModifyDateTime' exists only if the reservation was cancelled and shows the
12

```

```

13      cancellation time. -->
14
15      <UniqueID ID="644988" Type="15" ID_Context="CLTZ"/>
16
17      <!-- The value for attribute 'Type' within the UniqueID element explains if the container
18           comprises a new room reservation (14) or a cancellation (15) or a No-Show (18). -->
19
20      <RoomStays>...</RoomStays>
21      <ResGuests>...</ResGuests>
22      <ResGlobalInfo>...</ResGlobalInfo>
23    </HotelReservation>
24  </ReservationsList>
25  <TPA_Extensions>
26    <ResponseTime ProcessTime="0.08" ProcessTimeUnit="Seconds"
27                  RequestStartTime="2011-07-07 12:46:56.940"
28                  ResponseEndTime="2011-07-07 12:46:57.020"/>
29  </TPA_Extensions>
30 </OTA_ResRetrieveRS>

```

---

## NoShow reply

The response with Type="18" under the element UniqueID shows NoShow reply. The attribute 'LastModifyDateTime' shows the cancellation date and time. Here, 'ID' under UniqueID specifies cancellation id.

**cultuzz.**

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ResRetrieveRS TimeStamp="2011-07-07T12:46:57"
3    TransactionIdentifier="1ff8ba21-c827-45ea-b48d-5bd84be62335-1917731918"
4    Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5    <Success/>
6    <ReservationsList>
7      <HotelReservation CreateDateTime="2011-07-05T00:00:39"
8        LastModifyDateTime="2011-07-05T11:15:39" RoomStayReservation="true">
9
10     <!-- The value of the 'CreateDateTime' attribute defines the booking time. -->
11
12     <UniqueID Type="18" ID="644988" ID_Context="CLTZ"
13       URL="urn:cultuzz:cultswitch:xml:request:cancelrq:noshow"/>
14
15     <!-- The value for attribute 'Type' within the UniqueID element explains if the container
16          comprises a new room reservation (14) or a cancellation (15) or a No-Show (18). -->
17
18     <RoomStays>...</RoomStays>
19     <ResGuests>...</ResGuests>
20     <ResGlobalInfo>...</ResGlobalInfo>
21   </HotelReservation>
22 </ReservationsList>
23 <TPA_Extensions>
24   <ResponseTime ProcessTime="0.08" ProcessTimeUnit="Seconds"
25                 RequestStartTime="2011-07-07 12:46:56.940"
26                 ResponseEndTime="2011-07-07 12:46:57.020"/>
27 </TPA_Extensions>
28 </OTA_ResRetrieveRS>

```

---

### 5.4.3 Booking Confirmations from PMS

PMS should need to send booking confirmation request to CultSwitch with successfully imported bookingIDs. If CultSwitch doesn't received a booking confirmation request for any BookingID with in 30 mins, then CultSwitch will re-send the same Booking with in the next ReadRQ(OTA\_ReadRQ) to PMS.

According to this new feature, PMS should confirm the BookingIDs which were successfully imported. Then only CultSwitch will mark them "Is Sent to PMS Bookings". As per the configuration set by the Client this new feature will be available in "CultSwitch 3.3.0" with request Version "3.30". Any new PMS partner wanted to get our new Certification, they should implement this feature.



```
1 <OTA_HotelResNotifRQ PrimaryLangID="en" ResStatus="Commit" Target="Production"
2   Timestamp="2013-01-11T11:18:00" Version="3.30"
3   xmlns="http://www.opentravel.org/OTA/2003/05">
4   <POS>...</POS>
5   <HotelReservations>
6   <HotelReservation CreateDateTime="2013-01-11T11:18:00" ResStatus="Commit"
7     RoomStayReservation="true">
8     <ResGlobalInfo>
9     <HotelReservationIDs>
10      <HotelReservationID ResID_Source="CLTZ" ResID_SourceContext="BookingID"
11        ResID_Type="14" ResID_Value="879471"/>
12      <HotelReservationID ResID_Source="CLTZ" ResID_SourceContext="BookingID"
13        ResID_Type="14" ResID_Value="879455"/>
14      <HotelReservationID ResID_Source="CLTZ" ResID_SourceContext="BookingID"
15        ResID_Type="15" ResID_Value="879485"/>
16      <HotelReservationID ResID_Source="CLTZ" ResID_SourceContext="BookingCode"
17        ResID_Type="14" ResID_Value="XYZABC-1245789" />
18    <!-- Here ResID_Type as 14 and 15 indicates Booking and Cancellation respectively. -->
19    </HotelReservationIDs>
20    </ResGlobalInfo>
21  </HotelReservation>
22 </HotelReservations>
23 </OTA_HotelResNotifRQ>
```

Back to OTA-Messages : [Booking Communication \(OTA\\_ReadRQ/OTA\\_ResRetrieve\)](#)

## 5.5 OTA\_HotelInvCountNotifRQ/RS

Send the number of available rooms:

### 5.5.1 Request Message (OTA\_HotelInvCountNotifRQ)

---

```
1 <OTA_HotelInvCountNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2   TimeStamp="2011-07-05T10:50:15" Target="Production"
3   Version="3.30" PrimaryLangID="en ">
4   <POS>...</POS>
5   <Inventories>
6     <Inventory>
7       <StatusApplicationControl Start="2011-07-06" End="2012-12-31" InvCode="27236"
8         IsRoom="1" Mon="True" Tue="True" Weds="True" Thur="True"
9         Fri="True" Sat="False" Sun="True"/>
10
11   <!-- For updating the available rooms, it is necessary to send an inventory container
12         for each room and for each time span specified by the attributes 'Start' and 'End'
13         by the PMS. -->
14
15   <!-- The StatusApplicationControl container holds the information on what the
16         InvCountNotif Message applies to and the period of application. The value of
17         the InvCode attribute refers to the RoomID/RoomCode.
18         In reference to the availability request, the day which is stated within the
19         attribute 'End' is excluded, that means now the number of available rooms is
20         set for the days 2011-07-06 to 2012-12-30 but not for 2012-12-31, which is
21         excluded. -->
22
23   <!-- WeekDaysForAvailability: Availability is applied for the week days
24         whose value is specified as "True" against their week day name, for the
25         period specified between 'Start' and 'End' under 'StatusApplicationControl'.
26   -->
27   <InvCounts>
28     <InvCount CountType="2" Count="12" />
29
30   <!-- The value of attribute 'CountType' under 'InvCount' element refers to the
31         InventoryCountType (INV) of the OTA-CodeTable. CultSwitch only supports 'CountType'
32         value of "2" which means definite availability. -->
33
34   <!-- The value of attribute 'Count' specifies the number of rooms that are definitely
35         available at the time of pushing this request. -->
36
37   </InvCounts>
38 </Inventory>
39 </Inventories>
40 <StatusApplicationControl Start="2011-07-06" End="2012-12-31" InvCode="27238"
41   IsRoom="1" Mon="True" Tue="True" Weds="False" Thur="True"
42   Fri="True" Sat="False" Sun="True"/>
43   <InvCounts>
44     <InvCount CountType="2" Count="14" />
45   </InvCounts>
46 </Inventory>
47 </Inventories>
48 </OTA_HotelInvCountNotifRQ>
```

---

**cultuzz.**

### 5.5.2 Response message (OTA\_HotelInvCountNotifRS)

---

```
1 <OTA_HotelInvCountNotifRS TimeStamp="2011-07-05T10:50:15"
2   TransactionIdentifier="e7db45f2-7b5b-459f-b4b9-ae3074043a73--120603036"
3   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
4   <Success/>
5   <TPA_Extensions>
6     <ResponseTime ProcessTime="0.206" ProcessTimeUnit="Seconds"
7       RequestStartTime="2011-07-05 10:50:15.395"
8       ResponseEndTime="2011-07-05 10:50:15.601"/>
9   </TPA_Extensions>
10 </OTA_HotelInvCountNotifRS>
```

---

Back to OTA-Messages : [Availability Update \(OTA\\_HotelInvCountNotifRQ/RS\)](#)

## 5.6 OTA\_HotelRateAmountNotifRQ/RS

For an already registered accommodations which are using a connected [PMS](#), it is possible to set the day price for each room category with an individual time span values. This message is used in an analogous manner as the [HotelInvCountNotif](#) message. Regarding the new approach for [products](#), the room categories must be taken as product elements. This will be explained later with the message [OTA\\_HotelRatePlanNotifRQ/RS](#).

For this message it is necessary to use the [CultSwitch-Message Validation](#) which will be explained later.

### 5.6.1 Request Message (OTA\_HotelRateAmountNotifRQ)

**cultuzz.**

```
1 <OTA_HotelRateAmountNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2   xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3   xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05
4   FS_OTA_HotelRateAmountNotifRQ.xsd" EchoToken="0987654321"
5   TimeStamp="2011-07-05T10:59:19" Target="Production" Version="3.30"
6   TransactionIdentifier="1234567890" SequenceNbr="1" TransactionStatusCode="Start"
7   PrimaryLangID="en-us" AltLangID="en-us">
8   <POS>...</POS>
9
10  <RateAmountMessages HotelCode="12400">
11    <RateAmountMessage>
12      <StatusApplicationControl Start="2012-07-20" End="2012-12-10" InvCode="27238"
13        RatePlanType="13" IsRoom="1" Override="1"/>
14
15      <!-- To update the room price per time span, it is necessary to send a 'RateAmountMessage'
16        container for each room and for each time span specified by the attributes 'Start'
17        and 'End'. In reference to the availability request, the day which is stated
18        within the attribute 'End' is excluded, that means now the room price is set
19        from 2012-07-20 to 2012-12-09 and RatePlanType="13" specifies room. -->
20
21      <!-- If the date range is beyond the defined availability, then CultSwitch will
22        consider the prices without availability and validity. -->
23
24      <Rates>
25        <Rate Mon="True" Tue="False" Weds="True" Thur="True"
26          Fri="True" Sat="True" Sun="True">
27          <BaseByGuestAmts>
28            <BaseByGuestAmt AmountAfterTax="56.40" CurrencyCode="EUR"
29              DecimalPlaces="2" />
30          </BaseByGuestAmts>
31        </Rate>
32        <Rate MinLOS="2" MaxLOS="555" Mon="True" Tue="False" Weds="True" Thur="True"
33          Fri="True" Sat="True" Sun="True">
34
35      <!-- Also, now it is possible to define length of stay (MinLOS, MaxLOS) at room level
36        per day. -->
37
38      <!--WeekDaysForMinAndMaxLos: MinLos and MaxLos is applicable for the week days
39        which holds the value "True" against their week day name.-->
40
41      <UniqueID ID="27238" Type="18"/>
42
43      <!-- To set the length of stay, 'UniqueID' element should contain the attribute 'Type'
44        with value of "18". The attribute 'ID' refers to RoomID and needs to be the same
45        mentioned in the element 'StatusApplicationControl'. -->
46
47    </Rate>
48  </RateAmountMessage>
49  <RateAmountMessage>
50    <StatusApplicationControl Start="2012-03-20" End="2012-12-10" InvCode="27236"
51      RatePlanType="13" IsRoom="1" Override="1"/>
52
53    <Rates>
54      <Rate Mon="True" Tue="True" Weds="True" Thur="True"
55        Fri="True" Sat="True" Sun="True">
56      <BaseByGuestAmts>
57        <BaseByGuestAmt AmountAfterTax="30.00" CurrencyCode="EUR" DecimalPlaces="2"
58          Code="ChildBasePrice"/>
59
60      <!-- By default base price for calculation of a final price always depends upon the
61        daily price of the room/product element and most of the calculations are applied
62        on this base price. If there is a requirement to specify a different base price
63        for Children, where most of the base price dependent calculations need to be
64        applied on this child base price rather than the regular base price (daily price),
```

```

65     then this can be specified with the 'BaseByGuestAmt' element with its 'Code'
66     attribute having a value of "ChildBasePrice". -->
67
68     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="55.00" CurrencyCode="EUR"
69     AgeQualifyingCode="10" DecimalPlaces="2" Code="PP" Type="50"/>
70     <BaseByGuestAmt AmountAfterTax="30.00" CurrencyCode="EUR" DecimalPlaces="2"/>
71     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00"
72     CurrencyCode="EUR" DecimalPlaces="2" Code="NET"/>
73     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00" CurrencyCode="EUR"
74     DecimalPlaces="2" Code="OTHER"/>
75
76 <!-- Now it is possible to define 4 different types of Rates. "BAR" (or default),
77 "NET", "OTHER" and "PP" rates. These are also often referred to as PG1 (BAR),
78 PG2 (NET) and PG3 (OTHER) where PG means "Price Group" and PP means price per
79 occupancy. The value of BAR/NET/OTHER/PP should be provided with attribute
80 "Code". If nothing is specified, it is considered to be the "BAR" (PG1) rate.
81 Price per occupancy (PP) is defined based on the occupancy under the attribute
82 'BaseByGuestAmts'. -->
83
84 <!-- The number of guests for which this amount is applicable is the "standard
85 occupancy" specified for this room (InvCode=27236 in this example). If the
86 standard occupancy defined for RoomID 27236 is "2", the price specified with
87 attribute 'AmountAfterTax' is for 2 guests. -->
88
89     <BaseByGuestAmt NumberOfGuests="1" AmountAfterTax="56.40" CurrencyCode="EUR"
90     MinAge="01" MaxAge="06" DecimalPlaces="2" Code="CD" Type="50"/>
91     <BaseByGuestAmt NumberOfGuests="1" AmountAfterTax="76.40" CurrencyCode="EUR"
92     MinAge="07" MaxAge="10" DecimalPlaces="2" Code="CD" Type="50"/>
93
94 <!-- ChildDiscounts (CD) are applicable based on the age groups of the child and on the
95 child count. The attributes 'MinAge' and 'MaxAge' specifies the age range of the child.
96 Here MinAge and MaxAge is included for the price specified.
97
98 Ex: <BaseByGuestAmt NumberOfGuests="1" AmountAfterTax="56.40" CurrencyCode="EUR"
99     MinAge="0" MaxAge="06" DecimalPlaces="2" Code="CD" Type="50"/>
100 Here, child of age from '01' to '06' will affects with the price 56.40EUR.
101
102 'NumberOfGuests' gives information about child count. 'AmountAfterTax' and
103 'CurrencyCode' specifies the amount and the currency type respectively. The
104 attribute 'Type' specifies type of charge based on different prices. For more
105 supported charges types, please refer OTA code table Supplement Types (CHG). -->
106
107 </BaseByGuestAmts>
108 <CancelPolicies>
109     <CancelPenalty ConfirmClassCode="CancelPolicy">
110         <Deadline OffsetDropTime="BeforeArrival"
111         OffsetTimeUnit="Day" OffsetUnitMultiplier="15"/>
112     <AmountPercent BasisType="FullStay" NmbrOfNights="1" Percent="40.00"/>
113     </CancelPenalty>
114     <CancelPenalty ConfirmClassCode="NoShowPolicy" PolicyCode="49">
115         <Deadline/>
116         <AmountPercent BasisType="FullStay"
117         NmbrOfNights="1" Percent="40.00"/>
118     </CancelPenalty>
119
120 <!-- CancelPenalties element is to specify the Cancel and NoShow policies applied for
121 that particular date range for that particular room. Multiple Cancel or NoShow policies
122 can be applicable in the same request.
123 The attribute ConfirmClassCode specifies whether it is a CancelPolicy/NoShowPolicy.
124 The value of OffsetUnitMultiplier is the multiplier with the value hold by the
125 OffsetTimeUnit and OffsetDropTime specifies when that policy has to be applied.
126 In our example,
127 showing that CancelPolicy for 30 days has to be applied before arrival. -->
128
129     <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="56">
130 <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="30"
131     OffsetDropTime="BeforeArrival"/>
132     <AmountPercent NmbrOfNights="1" BasisType="FullStay" Percent="30"/>
133     </CancelPenalty>
134
135 <!-- <AmountPercent> element specifies type of stay, number of nights and the percentage
136 of reduction on the base amount for that policy.-->
137
138 </CancelPolicies>
139 <GuaranteePolicies>
140     <GuaranteePolicy GuaranteeCode="5" GuaranteeType="Deposit"/>
141
142 <!-- CultSwitch provides different modes of Guarantees. CreditCard guarantee with
143 GuaranteeCode="3", Email guarantee with GuaranteeCode="2", No guarantee
144 GuaranteeCode="1" and Deposit with GuaranteeCode="5". -->
145
146 </GuaranteePolicies>
147 <PaymentPolicies>
148
149 <!-- PaymentPolicy specifies the type of payment with an individual guaranteetype which
150 inturn specifies the amount to be payed for a particular duration given under the
151 element 'Deadline'. Policy can be updatable by specifying the PolicyCode.

```

**cultuzz.**



```

152 - OffsetTimeUnit with accepted values Year, Month, Week, Day, Hour or FullDuration.
153 - OffsetTimeMultiplier value range is [0,999]
154 -->
155
156 <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit" PolicyCode="49">
157   <AmountPercent Amount="15" />
158   <Deadline OffsetTimeUnit="FullDuration" OffsetUnitMultiplier="1"/>
159 </GuaranteePayment>
160 </PaymentPolicies>
161 </Rate>
162 <Rate MinLOS="2" MaxLOS="555" Mon="True" Tue="True" Weds="True" Thur="True"
163   Fri="True" Sat="True" Sun="True">
164 <RateDescription Name="LengthOfStay"/>
165 </Rate>
166 <Rate Mon="True" Tue="False" Weds="False" Thur="False" Fri="True" Sat="True"
167   Sun="True">
168   <RateDescription Name="ArrivalDays"/>
169 </Rate>
170 <Rate Mon="False" Tue="False" Weds="True" Thur="True" Fri="False" Sat="False"
171   Sun="False">
172   <RateDescription Name="DepartureDays"/>
173 </Rate>
174 <Rate Mon="False" Tue="False" Weds="True" Thur="True" Fri="False" Sat="False"
175   Sun="False">
176   <RateDescription Name="AvailableDays"/>
177 </Rate>
178
179 <!-- The possible and non-possible days of arrivals,departures and available are specified
180 against the week names with a value True/False. The day with a value 'True' allows
181 arrival/departure/available depending upon the element 'RateDescription'. -->
182
183 <Rate Mon="True">
184   <RateDescription Name="WeekDaySupplements"/>
185   <Fees> <Fee Code="16" Percent="10.83" DecimalPlaces="2"/> </Fees>
186 </Rate>
187
188 <!-- WeekDaySupplements allows to keep Surcharge(16)/Discount(24) on the price mentioned
189 in 'BaseByGuestAmts', on day level basis. Percent/Amount attribute specifies the
190 percentage/direct amount of reduction or surcharge applied for that week day and
191 DecimalPlaces gives information regarding till how many decimal places we are
192 going to accept the Percent/Amount under 'Fee' element.
193 Removal: Xml to remove WeekDaySupplements for the given period completely is,
194   <Rate><RateDescription Name="WeekDaySupplements"/></Rate> -->
195
196 </Rate>
197 <Rate Tue="True">
198   <RateDescription Name="WeekDaySupplements"/>
199   <Fees> <Fee Code="16" Amount="14.24" DecimalPlaces="2"/> </Fees>
200 </Rate>
201 <Rate Weds="True">
202   <RateDescription Name="WeekDaySupplements"/>
203   <Fees> <Fee Code="16" Percent="10" DecimalPlaces="2"/> </Fees>
204 </Rate>
205 <Rate Thur="True">
206   <RateDescription Name="WeekDaySupplements"/>
207   <Fees> <Fee Code="16" Amount="45" DecimalPlaces="2"/> </Fees>
208 </Rate>
209 <Rate Fri="True">
210   <RateDescription Name="WeekDaySupplements"/>
211   <Fees> <Fee Code="16" Percent="10" DecimalPlaces="2"/> </Fees>
212 </Rate>
213 <Rate Sat="True">
214   <RateDescription Name="WeekDaySupplements"/>
215   <Fees> <Fee Code="24" Percent="8" DecimalPlaces="2"/> </Fees>
216 </Rate>
217 <Rate Sun="True">
218   <RateDescription Name="WeekDaySupplements"/>
219   <Fees> <Fee Code="24" Percent="12" DecimalPlaces="2"/> </Fees>
220 </Rate>
221 <Rate RateTier="1">
222   <RateDescription Name="BasePriceCalculationLogic"/>
223
224 <!-- "BasePriceCalculationLogic": Some times there is a chance that, the logic to
225 calculate a base price differs (based on distributor's own use-cases). The
226 attribute 'Name' in 'RateDescription' element specifies whether such a logic
227 is required, if it has a value of "BasePriceCalculationLogic".
228
229 The attribute 'RateTier' specifies which logic needs to be applied. With a
230 value of "1", it specifies that, the default logic is used or no logic
231 necessary. With a value of "2", it specifies that, the total number of adults
232 needs to be taken as number of adults + number of children. -->
233
234 </Rate>
235 <Rate RateTier="1">
236   <RateDescription Name="StayPolicy"/>
237
238 <!--StayPolicy points to different policies to apply rates (on day level basis).

```

**cultuzz.**

```

239     RateTier="1/2/3(ArrivalDay/DepatureDay/Daylevel)" based on which policy the
240     price have to calculate for the booking duration. -->
241
242     </Rate>
243     <Rate RateTier="1">
244         <RateDescription Name="StaySupplementApply"/>
245
246     <!--StaySupplementApply decides which supplement need to apply first among
247     WeekDaySupplement and StaySupplement.
248     For RateTier="1", WeekDaySupplement need to apply first than DurationSupplemnet
249     and RateTier="2" specifies DurationSupplemnet need to apply first than
250     WeekDaySupplement. This will apply only while calculating child prices. -->
251
252     </Rate>
253
254     <!-- CultSwitch had implemented ShortStaySurcharge and LongStayDiscount as per
255     room type and day level. So every day can have distinct value.
256     And each day can have multiple values for each defined stay.
257
258     For example, a room type have the below Discounts and Supplements for the
259     specified day.
260     Day - 1 : Has the following discounts and surcharges.
261     a. "Short stay surcharge for up to 1 night per night: 15.00 EUR"
262     b. "Short stay surcharge for up to 2 nights per night: 10.00 EUR"
263     c. "Long Stay Discount for >=4 nights per night 5 Percent"
264     d. "Long Stay Discount for >=5 nights per night 10 Percent"
265     Similarly, different days will have different Discounts and Supplements.
266     The XML format for the above will be like the following.
267
268     Removal: Xml to remove LongStayDiscountAndShortStaySurcharge is,
269     <Rate><RateDescription Name="ShortStaySurcharge"/></Rate>
270     <Rate><RateDescription Name="LongStayDiscount"/></Rate> -->
271
272     <Rate Duration="P1D">
273         <Fees>
274             <Fee Code="16" Amount="15.0"></Fee>
275         </Fees>
276         <RateDescription Name="ShortStaySurcharge"/>
277     </Rate>
278     <Rate Duration="P2D">
279         <Fees>
280             <Fee Code="16" Amount="10.0"></Fee>
281         </Fees>
282         <RateDescription Name="LongStayDiscount"/>
283     </Rate>
284     <Rate Duration="P4D">
285         <Fees>
286             <Fee Code="24" Percent="5.0"></Fee>
287         </Fees>
288         <RateDescription Name="LongStayDiscount"/>
289     </Rate>
290     <Rate Duration="P5D">
291         <Fees>
292             <Fee Code="24" Percent="10.0"></Fee>
293         </Fees>
294         <RateDescription Name="LongStayDiscount"/>
295     </Rate>
296     <Rate Sun="True" Sat="False" Fri="False" Thur="False" Weds="False" Tue="False"
297         Mon="False">
298
299     <!--Availability Blocking: Accommodation can block the availability for the weekdays
300     for a given particular room by the above xml. 'Name' attribute should always be as
301     'AvailableDays' to achieve availability blocking.-->
302
303     <RateDescription Name="AvailableDays"/>
304     </Rate>
305     </Rates>
306     </RateAmountMessage>
307 </RateAmountMessages>
308 </OTA_HotelRateAmountNotifRQ>

```

**cultuzz.**

## 5.6.2 Response Message (OTA\_HotelRateAmountNotifRS)

Response message

```
1 <OTA_HotelRateAmountNotifRS TimeStamp="2011-07-05T10:59:19"
2 TransactionIdentifier="a5878c28-d022-4d4c-b7da-c0c1acb5adbb--505437762"
3 Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
4 <Success/>
5 <TPA_Extensions>
6 <ResponseTime ProcessTime="1.276" ProcessTimeUnit="Seconds"
7 RequestStartTime="2011-07-05 10:59:18.185"
8 ResponseEndTime="2011-07-05 10:59:19.461"/>
9 </TPA_Extensions>
10 </OTA_HotelRateAmountNotifRS>
```

## 5.6.3 CultSwitch-Message Validation

Since there is a possibility that the request message being posted over the Internet could be spoofed and modified. As a precautionary measure, the sending of request OTA\_HotelRateAmountNotifRQ (which contains important pricing information), needs to be secured. CultSwitch expects a 5-step process to be followed (explained below) to make sure that CultSwitch receives the same message that is being sent, un-modified.

The same process will be repeated on the CultSwitch side as well. The calculated and the received string will be compared at CultSwitch side. If there is an exact match occurs, then only it is sure that the message was not manipulated.

**cultuzz.**

To start with, we shall take a sample original request XML:

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRateAmountNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3 xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
4 xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05
5 FS_OTAHotelRateAmountNotifRQ.xsd"
6 EchoToken="0987654321" TimeStamp="2011-07-05T10:59:19" Target="Production"
7 Version="3.30" TransactionIdentifier="1234567890" SequenceNmbr="1"
8 TransactionStatusCode="Start" PrimaryLangID="en-us" AltLangID="en-us">
9 <RateAmountMessages HotelCode="12400">
10 <RateAmountMessage>
11 <StatusApplicationControl Start="2011-07-20" End="2011-12-10" InvCode="27236"
12 RatePlanType="13" IsRoom="1" Override="1"/>
13 <Rates>
14 <Rate>
15 <BaseByGuestAmts>
16 <BaseByGuestAmt AmountAfterTax="56.40" CurrencyCode="EUR" DecimalPlaces="2"/>
17 </BaseByGuestAmts>
18 </Rate>
19 </Rates>
20 </RateAmountMessage>
21 </RateAmountMessages>
22 </OTA_HotelRateAmountNotifRQ>
```

### [STEP 1]

All spaces, word-wraps etc. should be deleted from the complete original request XML.

```
1 <?xmlversion="1.0"encoding="UTF-8"?><OTA_HotelRateAmountNotifRQxmlns="http://www.opentr-
2 avel.org/OTA/2003/05"xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"xsi:schemaLoc-
3 ation="http://www.opentravel.org/OTA/2003/05FS_OTAHotelRateAmountNotifRQ.xsd"EchoToken
4 ="0987654321"TimeStamp="2011-07-05T10:59:19" Target="Production"Version="3.30"Transaction-
5 Identifier="1230"SequenceNmbr="1" TransactionStatusCode="Start"PrimaryLangID="en-us"
6 AltLangID="en-us"><RateAmountMessages HotelCode="12400"><RateAmountMessage><StatusAppl-
7 icationControlStart="2011-07-20"End="2011-12-10"InvCode="27236"RatePlanType="13"IsRoom
8 ="1"Override="1"/><Rates><Rate><BaseByGuestAmts><BaseByGuestAmt AmountAfterTax="56.40"
9 CurrencyCode="EUR" DecimalPlaces="2"/></BaseByGuestAmts></Rate></Rates></RateAmountMe-
10 ssage>
11 </RateAmountMessages></OTA_HotelRateAmountNotifRQ>
```

### [STEP 2]

MD5-HashSum of above generated string should be calculated.

MD5-Message-Hash: c6fb47efb6c9881f216938be5d6c6c85

### [STEP 3]

Assuming you were given the msgSignatureKey: 12249cb08d40cc66cde4d4b279f681c2 via FAX, the MD5-Message-Hash of this msgSignatureKey will be: 29b3d38e51baed5d3f2d6b865cb8792e

Assuming "A" as MD5-Message-Hash of msgSignatureKey and "B" as MD5-Message Hash of the message produced in [STEP 2](#). Both the MD5-Message-Hash strings should be concatenated in such a way that the end result will be "ABA". To explain further, first the MD5 of msgSignatureKey then concatenate it with MD5 of STEP 2, then again concatenate it with the MD5 of msgSignatureKey. The example would return: 29b3d38e51baed5d3f2d6b865cb8792e83d16b41c35391fc0104778a32416a5f29b3d38e51baed5d3f2d6b865cb8792e

### [STEP 4]

Then the resultant string of STEP 3 should be encrypted using Secure-Hash-Algorithm (SHA1).

SHA1("29b3d38e51baed5d3f2d6b865cb8792e83d16b41c35391fc0104778a32416a5f29b3d38e51baed5d3f2d6b865cb8792e")  
secure\_key: b11fa6f811a8e87c94ee36a5db753b66236bf987

**cultuzz.**

### [STEP 5]

Then the outcome of STEP 4 (secure\_key) should be passed as a value to the HTTP-POST parameter "secure\_key" along with the original message which would be passed as a value to the HTTP-POST parameter "otaRQ" as explained in section [XML-Elements](#). The POST parameters and their values are:  
otaRQ: THE\_ORIGINAL\_REQUEST\_XML (in this example, it would be: [click here](#))  
secure\_key: b11fa6f811a8e87c94ee36a5db753b66236bf987  
And they would be posted as otaRQ=XXXXX&secure\_key=XXXXX to the server.

## 5.6.4 CultSwitch-Message Validation: Java Program

The following is a simple Java program that takes in the OTA\_HotelRateAmountNotifRQ request XML string and the message signature key as input and outputs the secure key. This idea may be extended to other programming languages as well. This program needs Apache commons-codec package to run successfully.

```
1  import java.security.MessageDigest;
2  import java.security.NoSuchAlgorithmException;
3  import java.util.logging.Level;
4  import java.util.logging.Logger;
5  import org.apache.commons.codec.binary.Hex;
6  import java.io.*;
7
8  public class MessageDigestCheck {
9
10     public void calMsgDigest(String xmlString , String msgSignatrueKey){
11         MessageDigest md = null;
12         try {
13             md = MessageDigest.getInstance("MD5");
14
15             /* read message */
16             md.update(xmlString.replaceAll("[ \t\r\n]", "").getBytes());
17             char[] x = Hex.encodeHex(md.digest());
18             System.out.println("Stripped XML: " + xmlString.replaceAll("[ \t\r\n]", ""));
19             System.out.println("Generated XML MD5: " + String.valueOf(x));
20             md.reset();
21
22             /* generate message signature key */
23             md.update(msgSignatrueKey.getBytes());
24             char[] y = Hex.encodeHex(md.digest());
25             System.out.println("Generated Message Signature MD5: " + String.valueOf(y));
26             md.reset();
27
28             /* generate SHA Digest */
29             String tmp = String.valueOf(y) + String.valueOf(x) + String.valueOf(y);
30             System.out.println("Combined Hashes: " + tmp);
31             md = MessageDigest.getInstance("SHA");
32             md.update(tmp.getBytes());
33             char[] secureKey2 = Hex.encodeHex(md.digest());
34
35             /* generate output */
36             System.out.println("Generated SecureKey: " + String.valueOf(secureKey2));
```

```

37         md.reset();
38     } catch (NoSuchAlgorithmException ex) {
39         Logger.getLogger(this.getClass().getName()).log(Level.SEVERE, null, ex);
40     }
41 }
42
43 /*
44  * To compile this code, copy it into a file named MessageDigestCheck.java and run:
45  * javac -classpath commons-codec.jar MessageDigestCheck.java
46  *
47  * To run the compiled file, copy the original XML request into XML_FILE and run:
48  * java -classpath .:commons-codec.jar MessageDigestCheck \
49  *      "XML_FILE" "YOUR_MESSAGE_SIGNATURE_KEY"
50  *
51  */
52 public static void main(String[] args) {
53     if (args == null || (args != null && args.length != 2)) {
54         System.out.println("Two arguments are required to run this program:" +
55             "(1) XML File and (2) your message signature key.");
56     }
57     try {
58         String xmlFile = args[0];
59         String msgSignatureKey = args[1];
60         byte[] buffer = new byte[(int) new File(xmlFile).length()];
61         BufferedInputStream f = null;
62         f = new BufferedInputStream(new FileInputStream(xmlFile));
63         f.read(buffer);
64         MessageDigestCheck mdt = new MessageDigestCheck();
65         mdt.calcMsgDigest(new String(buffer), msgSignatureKey);
66     } catch (Exception ex) {
67         ex.printStackTrace();
68     }
69 }
70 }

```

**cultuzz.**

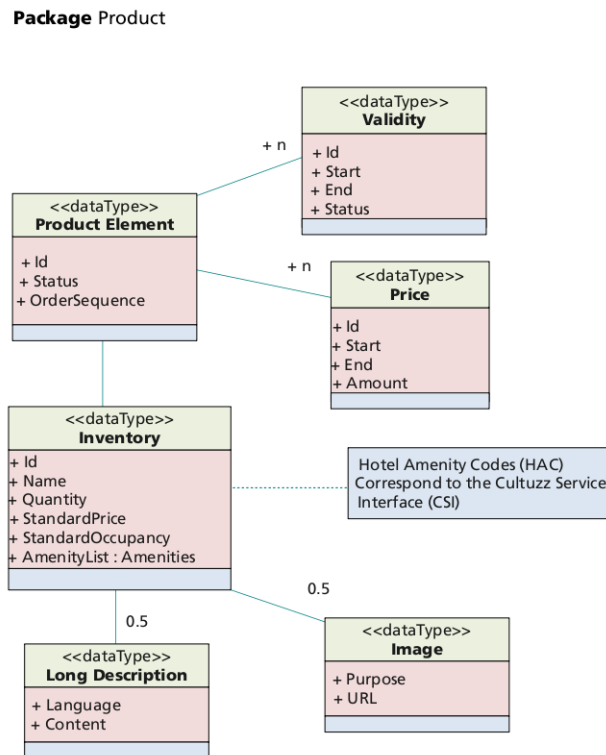
Back to OTA-Messages : [Rate Amount Update \(OTA\\_HotelRateAmountNotifRQ/RS\)](#)

## 5.7 OTA\_HotelRatePlanNotifRQ/RS

With CultSwitch Version 3.3.0, we introduce the concept of product handling. Besides the explanation of the used data model and its mapping to OTA-request-types, the whole life cycle of products and their related elements are described by means of use cases for product handling such as creating, manipulating, retrieving, removing, and so on.

### 5.7.1 Definition of a Product Element

A product element is defined as shown in the following pseudo-UML-diagram:



**cultuzz.**

Figure 2: Data model of a product element

**Product Element mapping with Room** A product element mapped with room is defined as shown in the following pseudo-UML-diagram:

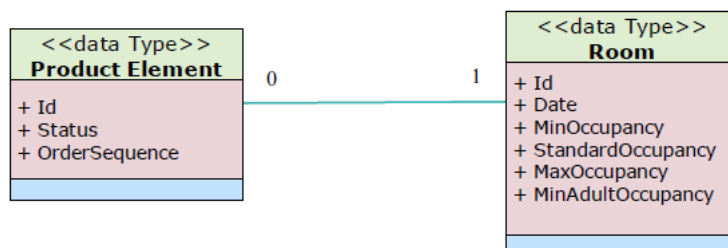


Figure 3: Product Element mapping with Room

## Data model of Room

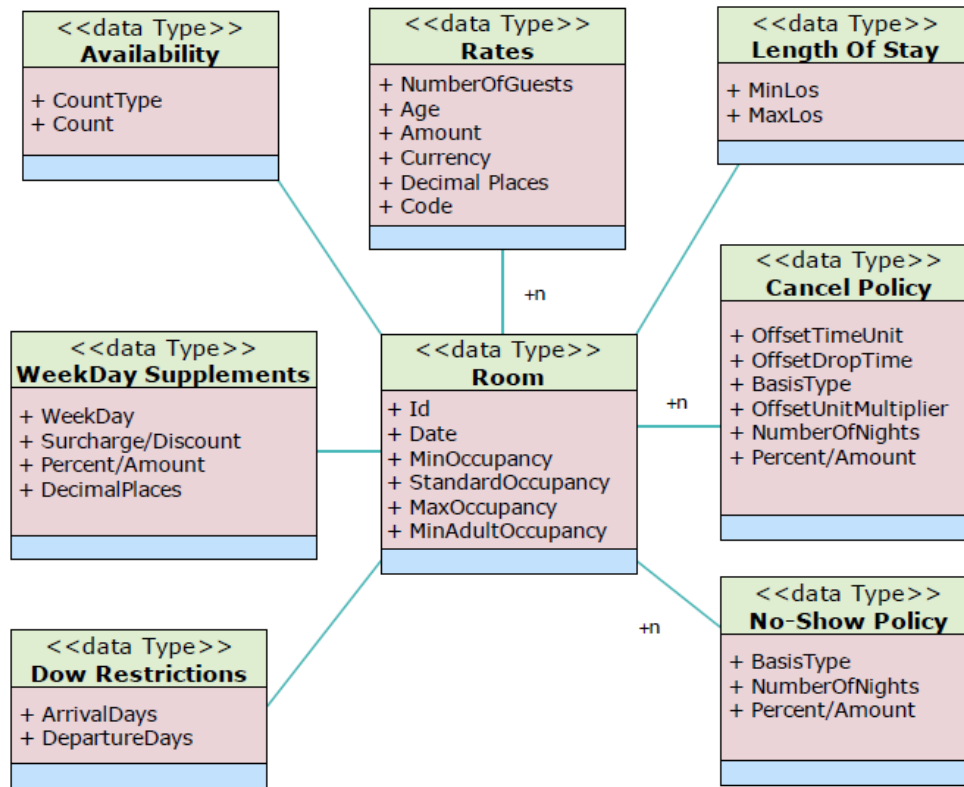


Figure 4: Data model of a Room

## Basic Properties

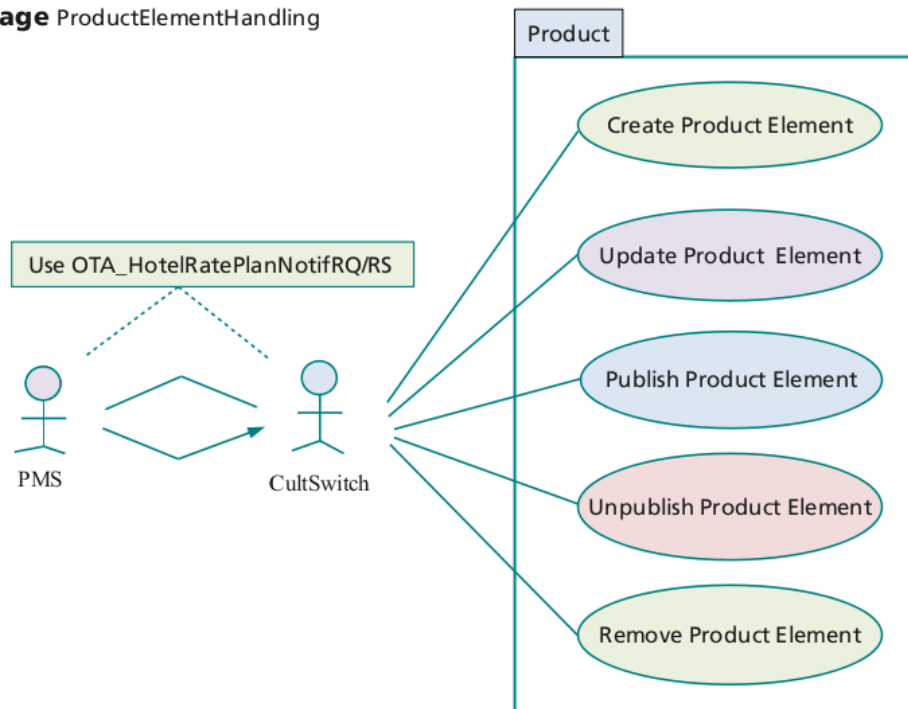
The definition of a product element is delivered in a `<SellableProduct>`. The `<SellableProduct>` delivers only the element-status (InvStatusType: Active or Deactivated). The element-ID is shipped in `<UniqueID>`.

For a detailed description of SellableProduct XML description, please take a look at section [Use Cases for Product Element](#) for both creation and updating of product elements.

**cultuzz.**

## 5.7.2 Interface for Product Element Handling

### Package ProductElementHandling



**cultuzz.**

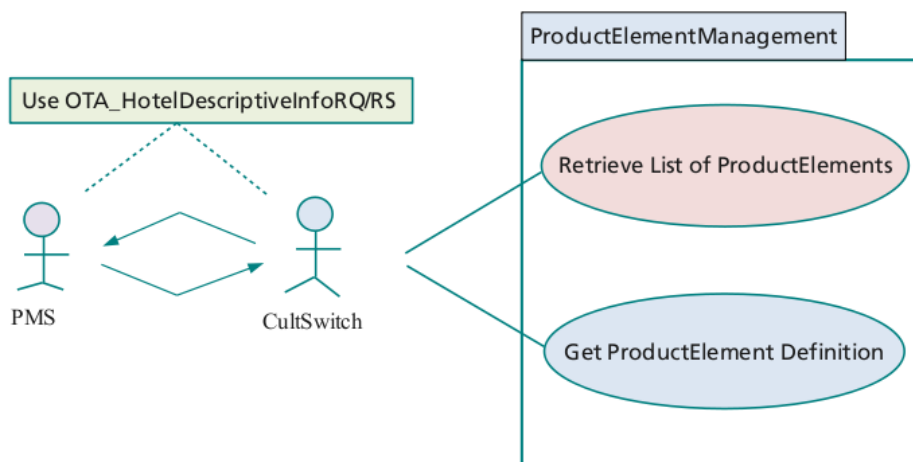


Figure 5: Pseudo UML for product element handling



## 5.7.3 Use Cases for Product Element

### Create a Product element

The initial definition of a product-element comprises atleast the following <GuestRoom><Room> definition, which contains the entire quantity of the determined room type code (see [Additional Detail Codes](#) in the appendix to identify the room type, described in the CultSwitch-manual), the appellation, and the standard price-amount which is defined in the previously selected currency of the accommodation.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelRatePlanNotifRQ TimeStamp="2012-08-01T11:04:42"
3      Target="Production" Version="3.30" PrimaryLangID="en"
4      xmlns="http://www.opentravel.org/OTA/2003/05">
5      <POS>...</POS>
6      <RatePlan RatePlanType="11">
7          <BookingRules>
8              <BookingRule MinTotalOccupancy="1" MaxTotalOccupancy="2" PriceViewable="false"
9                  QualifiedRateYN="true"/>
10
11      <!-- For attributes MinTotalOccupancy and MaxTotalOccupancy see: MinOccupancy
12          MaxOccupancy.
13          'PriceViewable' specifies whether to consider the price for this NonRoom product
14          element or not. Similarly
15          'QualifiedRateYN' specifies about validity consideration. -->
16
17          </BookingRules>
18          <SellableProducts>
19
20      <!-- CultSwitch allows to create only one 'SellableProduct' per request. -->
21
22          <SellableProduct IsRoom="true" InvNotifType="New" InvTypeCode="3">
23
24      <!-- The 'SellableProduct' element is used to create room based (like guest room) and
25          non-room based (like breakfast) Product elements that can be linked with any
26          product of the same accommodation. -->
27
28      <!-- The attribute 'InvTypeCode' value specifies the type of the element. The value
29          with "3" specifies that it is a guest room. For a complete list of values that
30          are provided with attribute 'InvTypeCode' could be found in the appendix under
31          section InvTypeCode. -->
32
33      <!-- The attribute 'IsRoom' specifies whether this is a room based product element
34          (IsRoom="true") or a non-room based product element (IsRoom="false"). -->
35
36      <!-- The attribute 'InvNotifType' is used to specify whether the request is to create
37          a new product element (InvNotifType="New") or to update or delete an existing
38          product element (InvNotifType="Overlay") explained further below. -->
39
40          <GuestRoom>
41
42      <!-- Though ambiguous, the creation of both room and non-room based product elements
43          need to be specified within a 'GuestRoom' element. -->
44
45          <Description Name="Test Room Product Element">
46
47      <!-- The user-defined name for the element can be specified as the value for attribute
48          'Name' under 'Description' element. The text language for 'Name' value needs to
49          be the default language of an accommodation, specified at the time of accommoda-
50          tion creation. -->
51
52          <ListItem Language="de" ListItem="9">
53              <![CDATA[Test Room Product Element in language XX]]>
54          </ListItem>
55
56      <!-- The element name in other languages can also be defined with 'ListItem' elements
57          with attribute 'ListItem' value of "9" as defined in CultSwitch Name-Attributes. -->
58
59          <ListItem Language="en" ListItem="3">
60              <![CDATA[http://.../image.jpg]]>
61          </ListItem>
62          <ListItem Language="en" ListItem="8">
63              <![CDATA[Small Description about room in GuestRoom]]>
64          </ListItem>
65
66      <!-- Besides the 'Name' of the referenced inventory (room/non-room), 'Description'
67          element can contain a list of two different kinds of items. Each item is defined
68          by element 'ListItem'. The 'Language' attribute must contains the language code
69          as per ISO specification. The attribute 'ListItem' describes the type of content
70          the element carries. The possible values are referred to in the first column of
71          the table CultSwitch Name-Attributes from appendix. -->
72
```

**cultuzz.**

```

73         </Description>
74         <Room Quantity="44" RoomTypeCode="7" InvBlockCode="DBL-E10" RoomCategory="ST-E10"/>
75
76     <!-- The 'Room' element can be used for both room and non-room product elements. -->
77
78     <!-- If the product element is room based, then the attribute 'RoomTypeCode' is
79          mandatory and the value needs to be taken from the table Additional Detail Codes
80          described in appendix. The Standard Occupancy value is automatically taken by the
81          value specified with attribute 'RoomTypeCode' as per table. -->
82
83     <!-- The attribute 'Quantity' specifies the number of available units of that room
84          as product element. -->
85
86     <!-- InvBlockCode element represents the channel "Room Type" and RoomCategory element
87          represents the channel "Room Characteristic"-->
88
89     <RoomLevelFees>
90         <Fee Amount="566"/>
91
92     <!-- The 'Amount' attribute under element 'Fee' specifies the fixed Standard price
93          for this product element. -->
94
95     </RoomLevelFees>
96     <Amenities>
97         <Amenity AmenityCode="5" ExistsCode="1"/>
98         <Amenity AmenityCode="7" ExistsCode="1"/>
99
100    <!-- The amenities available for this product element could be specified with the
101          'Amenity' elements. For the values for 'AmenityCode' attribute could be taken
102          from OTA-CodeTable Room Amenity Type (RMA). -->
103
104    <!-- The attribute "ExistsCode" defines the amenity type and it can be of 1,2,3,4.
105          1 - RMA (Room Amenity Type) , 2 - RLT (Room Location Type), 3 - RVT (Room View Type),
106          4 - OtherAmenities (Other types) -->
107
108    </Amenities>
109    </GuestRoom>
110    <Description Name="Sellable Product Name">
111        <ListItem Language="de" ListItem="7"><![CDATA[Long Description]]></ListItem>
112
113    <!-- Any further description about the sellable product could be given here while
114          following the rules specified above under GuestRoom. If either GuestRoom
115          description or Sellable product description is not provided, then the same values
116          from the one provided will be used for the other. -->
117
118    </Description>
119    </SellableProduct>
120    </SellableProducts>
121    <Rates>
122        <Rate Start="2011-08-20" End="2012-12-31" Status="Open">
123            <UniqueID ID="new" ID_Context="CltzProductElementValidity" Type="18"/>
124        </Rate>
125        <Rate Start="2011-08-20" End="2012-12-31" Status="Open" >
126            <UniqueID Type="18" ID_Context="CltzProductElementValidity" ID="New"/>
127            <GuaranteePolicies>
128
129            <!-- GuaranteePolicy specifies ProductElement guranteetype for booking.
130                  For Gurantee and PaymentPolicy codes, refer table Supported Guarantee Types. -->
131
132                <GuaranteePolicy GuaranteeCode="5" GuaranteeType="Deposit"/>
133            </GuaranteePolicies>
134            <PaymentPolicies>
135
136            <!-- PaymentPolicies specifies a payment type with other additional details like,
137                  When the payment should be done and with what amount. For more details refer
138                  Product PaymentPolicies. -->
139
140                <GuaranteePayment PaymentCode="6" PaymentType="Prepay" >
141                    <AmountPercent Percent="20" />
142                    <Deadline OffsetTimeUnit="Year" OffsetUnitMultiplier="6"/>
143                    <Description Name="txt:name">
144                        <Text Language="de"> payment policy name </Text>
145                    </Description>
146                    <Description Name="txt:description_long">
147                        <Text Language="de"> payment policy description</Text>
148                    </Description>
149                </GuaranteePayment>
150            </PaymentPolicies>
151        </Rate>
152
153    <!-- The product element's validity could be specified with attribute 'ID_Context'
154          using value "CltzProductElementValdity". Above example states that from 20th
155          Aug 2011 to 31st Dec 2012, during a period of which it is sellable (identified
156          with Status="Open"). The attribute 'ID' specifies the Validity ID for this date
157          range. If it is "New", then a new validity is created. -->
158
159    <Rate Start="2011-07-20" End="2012-12-31">

```

**cultuzz.**

```

160     <UniqueID ID="new" ID_Context="CltzInventoryPriceTime" Type="18"/>
161     <Fees>
162       <Fee Amount="122.00"/>
163     </Fees>
164
165     <!-- If attribute 'ID_Context' has a value of "CltzInventoryPriceTime", it
166          identifies a price (specified with 'Fee' element), within a specific period of
167          time (specified with attributes 'Start' and 'End') for a particular inventory.
168          CultSwitch allows to define several prices for several periods of time. -->
169
170     </Rate>
171     <Rate>
172       <UniqueID ID="new" ID_Context="CltzInventoryLowestPrice" Type="18" />
173       <Fees>
174         <Fee Amount="122.00" />
175       </Fees>
176     </Rate>
177
178     <!-- @ ID_Context must be 'CltzInventoryLowestPrice'-->
179
180     <!-- The "Lowest possible price" is the price lower price limit on Room level;
181          Whenever there is a price update received from the PMS via XML then the update
182          will be rejected and error response will be sent with the "Lowest possible price"
183          possible to set.-->
184
185     </Rates>
186     <UniqueID ID="STP15077it" ID_Context="PartnersID" Type="18"/>
187
188     <!-- The attribute 'ID' specifies the partner's roomID which maps to this product
189          element. -->
190
191     </RatePlan>
192     </RatePlans>
193 </OTA_HotelRatePlanNotifRQ>

```



## Response

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRatePlanNotifRS TimeStamp="2013-03-02T14:15:27"
3   TransactionIdentifier="32b56b9a-5c1e-4063-8946-64d87eb36d58-1090289664"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Warnings/>
6   <Success/>
7   <RatePlanCrossRefs>
8     <RatePlanCrossRef ResponseRatePlanCode="56767"
9       ResponseRatePlanGroupingCode="CltzProductElementID"/>
10    <RatePlanCrossRef ResponseRatePlanCode="100041"
11      ResponseRatePlanGroupingCode="CltzProductID"/>
12    <RatePlanCrossRef ResponseRatePlanCode="79557"
13      ResponseRatePlanGroupingCode="RoomTypeCode"/>
14  </RatePlanCrossRefs>
15  <TPA_Extensions>
16    <ResponseTime ProcessTime="1.372" ProcessTimeUnit="Seconds"
17      RequestStartTime="2013-03-02 14:15:26.028"
18      ResponseEndTime="2013-03-02 14:15:27.400"/>
19  </TPA_Extensions>
20 </OTA_HotelRatePlanNotifRS>

```

## Update/Publish/UnPublish/Remove Product Element

<SellableProduct InvNotifType="Overlay"> determines an update process with the attribute ID of <UniqueID>. The CultSwitch expects the identifier of the addressed [product](#) element. Within <GuestRoom><Room>, all attributes which are to be updated, can be defined.

IMPORTANT: Room type code <Room RoomTypeCode="..."> can't be updated, therefore RoomTypeCode should not be sent. The same applies for RoomQuantity.

Removal of the ProductElement is possible by RatePlanNotifType="Remove" under the element <RatePlan> and by specifying the ProductElementID under <SellableProducts>-><SellableProduct>-><UniqueID> -> ID and InvNotifType must be "Overlay" under <SellableProduct> element.

Publish/UnPublish the ProductElement is possible by InvStatusType="Active/Deactivated".

---

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRatePlanNotifRQ TimeStamp="2012-08-01T11:04:42"
3   Target="Production" Version="3.30" PrimaryLangID="en"
4   xmlns="http://www.opentravel.org/OTA/2003/05">
5   <POS>...</POS>
6   <RatePlans>
7     <RatePlan RatePlanType="11">
8
9   <!-- For Update, <RatePlan RatePlanType="11">
10    For Remove, <RatePlan RatePlanType="11" RatePlanNotifType="Remove"> -->
11
12     <Rates>...</Rates>
13     <SellableProducts>
14       <SellableProduct InvNotifType="Overlay" InvTypeCode="7" IsRoom="false"
15         InvStatusType="Active">
16         <UniqueID Type="18" ID_Context="CltzCommonProductElement" ID="54557"/>
17         <GuestRoom>...</GuestRoom>
18         <Description>...</Description>
19       </SellableProduct>
20     </SellableProducts>
21   </RatePlan>
22 </RatePlans>
23 <TPA_Extensions/>
24 </OTA_HotelRatePlanNotifRQ>

```

---

**cultuzz.**

## Get Definition of Product Element

See full description of OTA\_HotelDescriptiveInfoRQ/RS for product management.

---

```

1 <OTA_HotelDescriptiveInfoRQ ... PrimaryLangID="en">
2   <HotelDescriptiveInfos>
3     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
4       <ContentInfos>
5         <ContentInfo Name="ProductElement" Code="37474" />
6       </ContentInfos>
7     </HotelDescriptiveInfo>
8   </HotelDescriptiveInfos>
9 </OTA_HotelDescriptiveInfoRQ>

```

---

You may request for a list of product-elements by specifying a <ContentInfo Name="ProductElement" Code="xxxx"/> for each product-element. If no specific product-element (Code="xxxx") is requested, all product-elements belonging to the requester (shipped in <POS>) will be returned in the response-message.

### Response

The Response contains one <RatePlan RatePlanType="11"> for each product-element in <RatePlans> shipped within the <TPA\_Extensions> as described for OTA\_HotelRatePlanNotifRQ message. The RatePlan contains one <SellableProducts><SellableProduct> which delivers only the element-state (InvStatusType: Active or Deactivated). The element-ID is shipped in <UniqueID>. Other related information is delivered in <GuestRoom><Room>. The associated room is referenced in RoomID, the pre-defined quantity (Quantity) and the Cultuzz specific room type code (RoomTypeCode). Lastly, the name of the referenced room is defined by the Name - attribute of <Description>.

---

```

1 <OTA_HotelDescriptiveInfoRS ...>
2   <Success />
3   <HotelDescriptiveContents>
4     <HotelDescriptiveContent>
5       <TPA_Extensions>
6         <RatePlans>
7           <RatePlan RatePlanType="11">
8             <BookingRules>
9               <BookingRule MaxTotalOccupancy="2" MinTotalOccupancy="1"
10                PriceViewable="false" QualifiedRateYN="true">
11                 <UniqueID ID="12400" ID_Context="CltzProductElement" Type="18"/>
12               </BookingRule>
13             </BookingRules>
14           <Rates>
15             <Rate End="2011-12-25" InvCode="37474" Start="2011-08-25" Mon="true"

```

---

```

16         Sat="true" Fri="true" Sun="true" Thur="true" Tue="true" Weds="true">
17     <UniqueID ID="27236" ID_Context="CltzInventoryPriceTime" Instance="1"
18                                         Type="18"/>
19     <Fees><Fee Amount="30"/></Fees>
20 </Rate>
21 <Rate End="2011-12-25" InvCode="37476" Start="2011-11-03" Status="Open">
22     <GuaranteePolicies>
23         <GuaranteeType GuaranteeCode="0" GuaranteeType="None"/>
24     </GuaranteePolicies>
25     <UniqueID ID="27238" ID_Context="CltzInventoryValidity"
26             Instance="1" Type="18"/>
27 </Rate>
28 <Rate>
29     <UniqueID ID="new" ID_Context="CltzInventoryLowestPrice" Type="18" />
30     <Fees>
31         <Fee Amount="122.00" />
32     </Fees>
33 </Rate>
34
35 <!-- @ ID_Context must be 'CltzInventoryLowestPrice'-->
36
37 <!-- The "Lowest possible price" is the price lower price limit on Room level;
38 Whenever there is a price update received from the PMS via XML then the update
39 will be rejected and error response will be sent with the "Lowest possible price"
40 possible to set.-->
41
42 </Rates>
43 <SellableProducts>
44     <SellableProduct InvCode="37474"
45                     InvStatusType="Active" InvTypeCode="3">
46         <GuestRoom>
47             <Quantities MaxOccupancy="4" StandardOccupancy="3"/>
48             <Room Quantity="4" RoomID="27236" RoomTypeCode="6"/>
49             <Description Name="My SingleBedRoom">
50                 <ListItem Language="en" ListItem="9"><![CDATA[EN]]></ListItem>
51                 <ListItem Language="fr" ListItem="9"><![CDATA[Fr]]></ListItem>
52             </Description>
53             <RoomLevelFees>
54                 <Fee Amount="69"/>
55             </RoomLevelFees>
56             <Amenities/>
57         </GuestRoom>
58         <UniqueID ID="37474" ID_Context="CltzProductElement" Type="18"/>
59     </SellableProduct>
60     <SellableProduct InvCode="37476"
61                     InvStatusType="Active" InvTypeCode="3">
62         <GuestRoom>
63             <Quantities MaxOccupancy="6" StandardOccupancy="3"/>
64             <Room Quantity="4" RoomID="27238" RoomTypeCode="6"/>
65             <Description Name="My DoubleBedRoom">
66                 <ListItem Language="en" ListItem="9"><![CDATA[EN]]></ListItem>
67                 <ListItem Language="fr" ListItem="9"><![CDATA[Fr]]></ListItem>
68             </Description>
69             <RoomLevelFees>
70                 <Fee Amount="89"/>
71             </RoomLevelFees>
72             <Amenities/>
73         </GuestRoom>
74         <UniqueID ID="37476" ID_Context="CltzProductElement" Type="18"/>
75     </SellableProduct>
76 </SellableProducts>
77 <Description Name="txt:name">
78     <ListItem Language="de"><![CDATA[Test_Triple]]></ListItem>
79 </Description>
80 <Description Name="txt:description_long"/>
81 </RatePlan>
82 <RatePlan RatePlanType="11">
83     ...
84 </RatePlan>
85 <RatePlan RatePlanType="11">
86     ...
87 </RatePlan>
88 </RatePlans>
89 </TPA_Extensions>
90 </HotelDescriptiveContent>
91 </HotelDescriptiveContents>
92 </OTA_HotelDescriptiveInfoRQ>

```

**cultuzz.**

**Get List of Product Elements Request a list of Product elements**

```

1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2   <HotelDescriptiveInfos>
3     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
4       <ContentInfos>
5
6         <ContentInfo Name="ProductElementList"/>
7
8       <!--           <ContentInfo Name="ProductElementList" Code="0"/>
9
10        'ProductElementList' with Code="0" provides only NonRoom product elements.
11        Ex: Breakfast,HalfBoard,etc. Without the attribute 'Code', provides all
12        product elements (both Room and NonRoom).-->
13
14      </ContentInfos>
15    </HotelDescriptiveInfo>
16  </HotelDescriptiveInfos>
17 </OTA_HotelDescriptiveInfoRQ>

```

## Response

```

1 <OTA_HotelDescriptiveInfoRS [...] >
2   <Success />
3   <HotelDescriptiveContents>
4     <HotelDescriptiveContent>
5       <TPA_Extensions>
6         <RatePlans>
7           <RatePlan RatePlanType="11">
8             <SellableProducts>
9               <SellableProduct InvCode="27236"
10                 InvStatusType="Active" InvTypeCode="3">
11                 <GuestRoom>
12                   <Room Quantity="10" RoomID="27236" RoomTypeCode="7"/>
13                   <Description Name="Single BedRoom"/>
14                 </GuestRoom>
15                 <Description Name="My SingleBedRoom"/>
16               </SellableProduct>
17               <SellableProduct InvCode="27238"
18                 InvStatusType="Active" InvTypeCode="3">
19                 <GuestRoom>
20                   <Room Quantity="15" RoomID="27238" RoomTypeCode="5"/>
21                   <Description Name="Double BedRoom"/>
22                 </GuestRoom>
23                 <Description Name="My Double BedRoom"/>
24               </SellableProduct>
25             </SellableProducts>
26           </RatePlan>
27         </RatePlans>
28       </TPA_Extensions>
29     </HotelDescriptiveContent>
30   </HotelDescriptiveContents>
31 </OTA_HotelDescriptiveInfoRS>

```

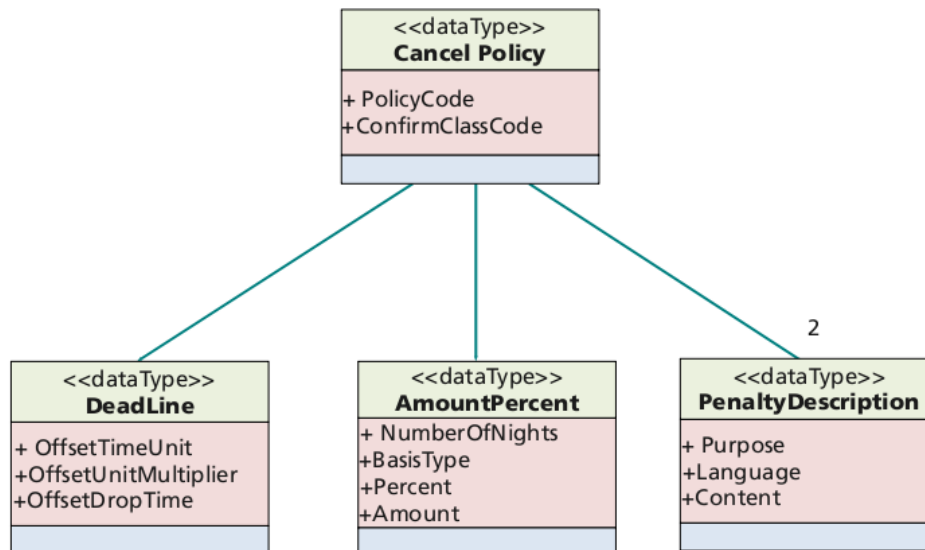
**cultuzz.**

The Response contains one <RatePlan> in <RatePlans> shipped within the <TPA\_Extensions> as described for OTA\_HotelRatePlanNotifRQ message. The RatePlan contains a list of <SellableProducts>. Each <SellableProduct> delivers only the element-ID ([InvCode](#)), element-state (InvStatusType: Active or Deactivated), the element category (InvTypeCode) and the name (<Description Name="...">) of the element. The name of the [product](#) element can be different from the name of the [Inventory](#). Inventory related information is delivered in <GuestRoom><Room>. The associated room is referenced in [RoomID](#), the pre-defined quantity (Quantity) and the Cultuzz specific room type code (RoomTypeCode). Lastly, the name of the referenced room is defined by the Name - attribute of <GuestRoom><Description>. <GuestRoom> is optional. This depends on the product element category (<SellableProduct InvTypeCode="...">).

## 5.7.4 Definition of CancelPolicy

A cancellation policy is defined as shown in the following pseudo-UML-diagram:

### Package Cancel Policy



cultuzz.

Figure 6: Data model of cancellation policy

CancelPolicy is determined by the identifier PolicyCode and the ConfirmationClassCode set to "CancelPolicy". As one can see, CancelPolicy consists of three parts: Deadline, AmountPercent and PenaltyDescription.

#### Deadline

Deadline is determined by:

- OffsetTimeUnit with accepted values Year, Month, Week, Day, Hour or FullDuration.
- OffsetTimeMultiplier value range is [0,999]
- OffsetDropTime with accepted values: "BeforeArrival", "AfterBooking" or "AfterConfirmation"

```
1      <CancelPenalty PolicyCode="899" ConfirmClassCode="CancelPolicy">
2
3      <!--The attribute PolicyCode specifies from when the CancelPolicy is applicable.
4           The code '899' specifies '2 days before arrival'. Similarly
5           '1' specifies 'Standard'
6           '900' specifies '3 days before arrival'
7           '901' specifies '7 days before arrival'
8           '902' specifies '15 days before arrival'
9           '903' specifies '30 days before arrival'
10          '904' specifies '45 days before arrival'
11          '905' specifies '18h of arrival day'
12          '1162' specifies 'Not Cancellable' -->
13
14          <Deadline OffsetTimeUnit="day" OffsetUnitMultiplier="1" OffsetDropTime=
15                  "BeforeArrival"/>
16      [...]
17  </CancelPenalty>
```

#### AmountPercent

AmountPercent defines the cancellation fee by:

- NmbrOfNights, non negative integer value used as multiplier
- BasisType, type of calculation basis with expected values "Nights", "FullStay"
- Either Percent or Amount.

```
1      <CancelPenalty PolicyCode="899" ConfirmClassCode="CancelPolicy">
2          <AmountPercent NmbrOfNights="1" BasisType="Nights" />
3      </CancelPenalty>
```

## Penalty Description

For PenaltyDescription, here the CultSwitch accepts two <PenaltyDescription> elements determined by the attribute Name for each purpose:

- Name="txt:name": name of the policy in multiple languages.
- Description="txt:description\_long" : detailed description of the policy in multiple languages.
- Finally, the content itself can be defined in different languages determined by the attribute.
- Language within the contained <Text>.

```
1 <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="899">
2   <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Day"
3     OffsetUnitMultiplier="2"/>
4   <PenaltyDescription Name="txt:name">
5     <Text Language="en">Test Cancel Policy</Text>
6   </PenaltyDescription>
7   <PenaltyDescription Name="txt:description_long">
8     <Text Language="en"><![CDATA[2 days before arrival]]></Text>
9   </PenaltyDescription>
10  <AmountPercent BasisType="FullStay" Amount="470.00"/>
11 </CancelPenalty>
```

**cultuzz.**

### 5.7.5 Interface for CancelPolicy Handling

**Package** Cancel Policy Handling

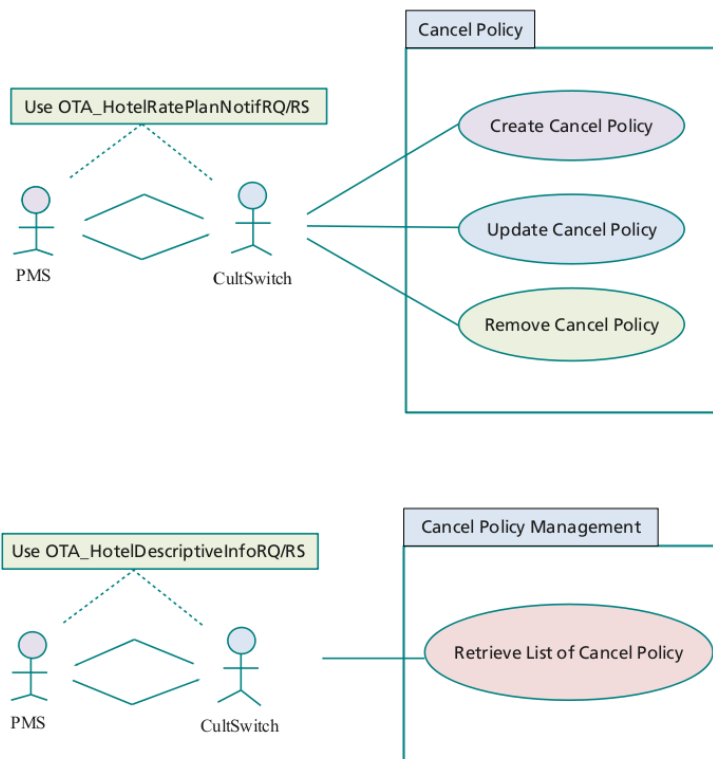


Figure 7: Pseudo UML for cancel policy handling



## 5.7.6 Use Cases for CancelPolicy

### Create CancelPolicy

Create process is determined with RatePlanNotifType="New" and RatePlanNotifScopeType = "RatePlanOnly". The CancelPolicy is to be delivered as described in the definition of CancelPolicy.

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2   [...]
3
4   <!-- If requested only with PrimaryLangID language attribute then policy descriptions
5        will be provided only with language specified in PrimaryLangID.
6        If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
7        descriptions will be provided in all created multiple languages.-->
8
9   <RatePlans>
10    <RatePlan RatePlanType="11" RatePlanNotifType="New"
11      RatePlanNotifScopeType="RatePlanOnly" >
12      <BookingRules>
13        <BookingRule>
14          <CancelPenalties CancelPolicyIndicator="true">
15            <CancelPenalty ConfirmClassCode="CancelPolicy">
16              <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="32"
17                OffsetDropTime="BeforeArrival"/>
18              <AmountPercent NbrOfNights="2" BasisType="Nights"/>
19
20            <!-- For FullStay, Amount/Percent need to be specified.
21              <AmountPercent BasisType="FullStay" Amount="470.00"/> -->
22
23            <PenaltyDescription Name="txt:name">
24
25              <Text Language="en"><![CDATA[2 days before arrival]]></Text>
26              <Text Language="de"><![CDATA[2 Tage vor Anreise]]></Text>
27            </PenaltyDescription>
28            <PenaltyDescription Name="txt:description_long">
29              <Text Language="en"><![CDATA[2 days before arrival free of Charge and
30                later specified amount will be charged]]></Text>
31              <Text Language="de"><![CDATA[2 Tage vor Anreise kostenlos und späðter
32                bestimmten Betrag in Rechnung gestellt]]></Text>
33
34            <!-- Policy names with multiple languages requested with All languages-->
35
36            <!-- <Text Language="xx"><![CDATA[PolicyDescription]]></Text> (xx=de,en .. etc.)-->
37
38            <!-- Policy descriptions with single language requested with PrimaryLangID="en"
39              <Text Language="en"><![CDATA[ description of Policy 1 ]]></Text> -->
40
41            </PenaltyDescription>
42          </CancelPenalty>
43          [...]
44        </CancelPenalties>
45      </BookingRule>
46    </BookingRules>
47  </RatePlan>
48 </RatePlans>
49 </OTA_HotelRatePlanNotifRQ>
```

**cultuzz.**

### Update CancelPolicy

The Update process is determined by RatePlanNotifType="Overlay". Despite the creation process, the corresponding **<CancelPenalty>** must contain the attribute PolicyCode, which references to the CancelPolicy as an identifier.

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2   <POS [...] >
3     [...]
4   </POS>
5
6   <!-- If requested only with PrimaryLangID language attribute then policy descriptions
7        will be provided only with language specified in PrimaryLangID.
8        If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
9        descriptions will be provided in all created multiple languages.-->
10
11   <RatePlans>
12    <RatePlan RatePlanType="11" RatePlanNotifType="Overlay"
13      RatePlanNotifScopeType="RatePlanOnly">
14      <BookingRules>
15        <BookingRule>
```

```

16         <CancelPenalties CancelPolicyIndicator="true">
17             <CancelPenalty PolicyCode="899"
18                 ConfirmClassCode="CancelPolicy">
19                 [...]
20             </CancelPenalty>
21             [...]
22         </CancelPenalties>
23     </BookingRule>
24 </BookingRules>
25 [...]
26 </RatePlan>
27 </RatePlans>
28 </OTA_HotelRatePlanNotifRQ>

```

## Remove CancelPolicy

The Remove process is determined by RatePlanNotifType="Remove".

```

1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4      will be provided only with language specified in PrimaryLangID.
5      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6      descriptions will be provided in all created multiple languages.-->
7
8 <RatePlans>
9     <RatePlan RatePlanType="11" RatePlanNotifType="Remove"
10         RatePlanNotifScopeType="RatePlanOnly">
11         <BookingRules>
12             <BookingRule>
13                 <CancelPenalties CancelPolicyIndicator="true">
14                     <CancelPenalty PolicyCode="899"
15                         ConfirmClassCode="CancelPolicy">
16                         [...]
17                     </CancelPenalty>
18                 </CancelPenalties>
19             </BookingRule>
20         </BookingRules>
21         [...]
22     </RatePlan>
23 </RatePlans>
24 </OTA_HotelRatePlanNotifRQ>

```

**cultuazz.**

## Request a list of cancel policies

```

1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4      will be provided only with language specified in PrimaryLangID.
5      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6      descriptions will be provided in all created multiple languages.-->
7
8 <POS>...</POS>
9 <HotelDescriptiveInfos>
10     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
11         <ContentInfos>
12             <ContentInfo Name="CancelPolicyList" />
13         </ContentInfos>
14     </HotelDescriptiveInfo>
15 </HotelDescriptiveInfos>
16 </OTA_HotelDescriptiveInfoRQ>

```

## Response

The Response contains one <BookingRule> in<BookingRules> <BookingRule> shipped within the <TPA\_Extensions> as described for OTA\_HotelRatePlanNotifRQ message. The BookingRule contains a list <CancelPenalties>. Each <CancelPenalty> delivers the full definition of the conditions for a possible cancellation. The relevant identifier is shipped in attribute PolicyCode. With attribute ConfirmClassCode set to "CancelPolicy", current definition is determined as cancellation policy. The response would look like this:

```

1 <OTA_HotelDescriptiveInfoRS [...] >
2     <Success />
3     <HotelDescriptiveContents>

```

```

4      <HotelDescriptiveContent>
5          <TPA_Extensions>
6              <RatePlans>
7                  <RatePlan RatePlanType="11">
8                      <BookingRules>
9                          <BookingRule>
10                             <CancelPenalties CancelPolicyIndicator="1">
11                                 <CancelPenalty PolicyCode="899"
12                                     ConfirmClassCode="CancelPolicy">
13                                     <Deadline OffsetTimeUnit="day" OffsetUnitMultiplier="4"
14                                         OffsetDropTime="BeforeArrival"/>
15                                     <AmountPercent NmbrOfNights="2" BasisType="Nights"/>
16                                     <PenaltyDescription Name="txt:name">
17
18
19                                     <Text Language="en"><![CDATA[2 days before arrival]]></Text>
20                                     <Text Language="de"><![CDATA[2 Tage vor Anreise]]></Text>
21                                 </PenaltyDescription>
22                             <PenaltyDescription Name="txt:description_long">
23                                 <Text Language="en"><![CDATA[2 days before arrival free of Charge and
24                                     later specified amount will be charged]]></Text>
25                                 <Text Language="de"><![CDATA[2 Tage vor Anreise kostenlos und spÄdter
26                                     bestimmten Betrag in Rechnung gestellt]]></Text>
27
28
29 <!-- Policy names with multiple languages requested with All languages-->
30
31 <!-- <Text Language="xx"><![CDATA[PolicyDescription]]></Text> (xx=de,en .. etc.)-->
32
33 <!-- Policy descriptions with single language requested with PrimaryLangID="en"
34     <Text Language="en"><![CDATA[ description of Policy 1 ]]></Text> -->
35
36         </PenaltyDescription>
37         </CancelPenalty>
38     </CancelPenalties>
39 </BookingRule>
40 </BookingRules>
41 </RatePlan>
42 </RatePlans>
43 </HotelDescriptiveContent>
44 </HotelDescriptiveContents>
45 </OTA_HotelDescriptiveInfoRQ>

```

**cultuzz.**

## 5.7.7 Interface for No-Show Policy Handling

### Package NoShow Policy

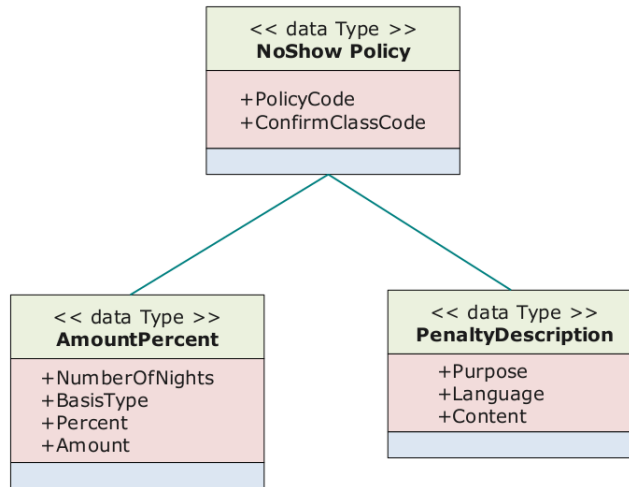


Figure 8: Pseudo UML for No-Show policy handling

cultuzz.

## 5.7.8 Use Cases for No-Show Policy

### Create No-Show Policy

Create process is determined by RatePlanNotifType="New" and RatePlanNotifScopeType="RatePlanOnly". The No-Show Policy is to be delivered as described in Definition of No-Show Policy.

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4 will be provided only with language specified in PrimaryLangID.
5 If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6 descriptions will be provided in all created multiple languages.-->
7
8
9 [...]
10 <RatePlans>
11 <RatePlan RatePlanType="11" RatePlanNotifType="New"
12 RatePlanNotifScopeType="RatePlanOnly" >
13 <BookingRules>
14 <BookingRule>
15 <CancelPenalties>
16 <CancelPenalty ConfirmClassCode="NoShowPolicy">
17
18 <!-- The attribute 'ConfirmClassCode' with value of "NoShowPolicy"
19 specifies that this policy is for No-Show policy. -->
20
21 <AmountPercent NmbrOfNights="2" BasisType="Nights" />
22
23 <!-- For FullStay, Amount/Percent need to be specified.
24 <AmountPercent BasisType="FullStay" Amount="470.00"/> -->
25
26 <!-- Attribute 'BasicType' can have a value of "Nights" or "FullStay".
27 For "FullStay", the attributes 'Percent' or 'Amount' is mandatory.
28 For "Nights", attribute 'Percent' or 'Amount' are not considered.
29 Only one of "Percent" or "Amount" may be used but not both. -->
30
31 <PenaltyDescription Name="txt:name">
32 <Text Language="en"><![CDATA[2 days before arrival]]></Text>
33 <Text Language="de"><![CDATA[2 Tage vor Anreise]]></Text>
34 </PenaltyDescription>
35 <PenaltyDescription Name="txt:description_long">
36 <Text Language="en"><![CDATA[2 days before arrival free of Charge and
37 later specified amount will be charged]]></Text>
38 <Text Language="de"><![CDATA[2 Tage vor Anreise kostenlos und späðter
39 bestimmten Betrag in Rechnung gestellt]]></Text>
```

```

40
41 <!-- Policy names with multiple languages requested with All languages-->
42
43 <!-- <Text Language="xx">[CDATA[PolicyDescription]]</Text> (xx=de,en .. etc.)-->
44
45 <!-- Policy descriptions with single language requested with PrimaryLangID="en"
46 <Text Language="en">[CDATA[ description of Policy 1 ]]></Text> -->
47
48 </PenaltyDescription>
49 </CancelPenalty>
50 </CancelPenalties>
51 </BookingRule>
52 </BookingRules>
53 </RatePlan>
54 </RatePlans>
55 </OTA_HotelRatePlanNotifRQ>

```

---

## Update No-Show Policy

The Update process is determined by RatePlanNotifType="Overlay". Despite the creation process, the corresponding **<CancelPenalty>** must contain the attribute PolicyCode, which references to the No-Show Policy as an identifier.

**cultuzz.**

```

1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2
3 <POS> ... </POS>
4
5 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
6 will be provided only with language specified in PrimaryLangID.
7 If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
8 descriptions will be provided in all created multiple languages.-->
9
10 <RatePlans>
11 <RatePlan RatePlanType="11" RatePlanNotifType="Overlay"
12 RatePlanNotifScopeType="RatePlanOnly">
13
14 <!-- For updation of policies, the attribute 'RatePlanNotifType'
15 must have the value of "Overlay". -->
16
17 <BookingRules>
18 <BookingRule>
19 <CancelPenalties CancelPolicyIndicator="true">
20 <CancelPenalty PolicyCode="9"
21 ConfirmClassCode="NoShowPolicy">
22
23 <!-- The attribute 'ConfirmClassCode' with value of "NoShowPolicy"
24 specifies that this policy is for No-Show policy. To update an
25 existing policy, the policy id must be specified within the
26 attribute 'PolicyCode'. -->
27
28 <AmountPercent NmbrOfNights="2" BasisType="Nights"/>
29 <PenaltyDescription Name="txt:name">
30 <Text Language="en">[CDATA[2 days before arrival]]</Text>
31 <Text Language="de">[CDATA[2 Tage vor Anreise]]</Text>
32 </PenaltyDescription>
33 <PenaltyDescription Name="txt:description_long">
34 <Text Language="en">[CDATA[2 days before arrival free of Charge and
35 later specified amount will be charged]]</Text>
36 <Text Language="de">[CDATA[2 Tage vor Anreise kostenlos und späðter
37 bestimmten Betrag in Rechnung gestellt]]</Text>
38
39 <!-- Policy names with multiple languages requested with All languages-->
40
41 <!-- <Text Language="xx">[CDATA[PolicyDescription]]</Text> (xx=de,en .. etc.)-->
42
43 <!-- Policy descriptions with single language requested with PrimaryLangID="en"
44 <Text Language="en">[CDATA[ description of Policy 1 ]]></Text> -->
45
46 </PenaltyDescription>
47 </CancelPenalty>
48 </CancelPenalties>
49 </BookingRule>
50 </BookingRules>
51 [...]
52 </RatePlan>
53 </RatePlans>
54 </OTA_HotelRatePlanNotifRQ>

```

---

## Remove No-Show Policy

The Remove process is determined by RatePlanNotifType="Remove".

```
1 <OTA_HotelRatePlanNotifRQ ...PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4      will be provided only with language specified in PrimaryLangID.
5      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6      descriptions will be provided in all created multiple languages.-->
7
8 <RatePlans>
9   <RatePlan RatePlanType="11" RatePlanNotifType="Remove"
10      RatePlanNotifScopeType="RatePlanOnly">
11
12 <!-- For deletion of policies, the attribute 'RatePlanNotifType'
13      must have the value of "Remove". -->
14
15 <BookingRules>
16   <BookingRule>
17     <CancelPenalties CancelPolicyIndicator="true">
18       <CancelPenalty PolicyCode="9"
19          ConfirmClassCode="NoShowPolicy">
20         [...]
21       </CancelPenalty>
22     </CancelPenalties>
23   </BookingRule>
24 </BookingRules>
25 [...]
26 </RatePlan>
27 </RatePlans>
28 </OTA_HotelRatePlanNotifRQ>
```

**cultuzz.**

### Request a list of No-Show policies

```
1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4      will be provided only with language specified in PrimaryLangID.
5      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6      descriptions will be provided in all created multiple languages.-->
7
8 <POS>...</POS>
9 <HotelDescriptiveInfos>
10  <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
11    <ContentInfos>
12      <ContentInfo Name="NoShowPolicyList" />
13    </ContentInfos>
14  </HotelDescriptiveInfo>
15 </HotelDescriptiveInfos>
16 </OTA_HotelDescriptiveInfoRQ>
```

### Response

The Response contains one <BookingRule> in <BookingRules> shipped within the <TPA\_Extensions> as described for OTA\_HotelRatePlanNotifRQ message. The BookingRule contains a list <CancelPenalties>. Each <CancelPenalty> delivers the full definition of the conditions for a possible No-Show. The relevant identifier is shipped in attribute PolicyCode. With attribute ConfirmClassCode set to "NoShowPolicy", current definition is determined as No-Show policy. The response would look like this:

```
1 <OTA_HotelDescriptiveInfoRS [...] >
2   <Success />
3   <HotelDescriptiveContents>
4     <HotelDescriptiveContent>
5       <TPA_Extensions>
6         <RatePlans>
7           <RatePlan RatePlanType="11">
8             <BookingRules>
9               <BookingRule>
10                 <CancelPenalties CancelPolicyIndicator="1">
11                   <CancelPenalty PolicyCode="9"
12                      ConfirmClassCode="NoShowPolicy">
13                     <AmountPercent NbrOfNights="2" BasisType="Nights"/>
14                   <PenaltyDescription Name="txt:name">
15
16                     <Text Language="en"><![CDATA[2 days before arrival]]></Text>
17                     <Text Language="de"><![CDATA[2 Tage vor Anreise]]></Text>
18                   </PenaltyDescription>
```

```

19         <PenaltyDescription Name="txt:description_long">
20             <Text Language="en"><![CDATA[2 days before arrival free of Charge and
21                 later specified amount will be charged]]></Text>
22             <Text Language="de"><![CDATA[2 Tage vor Anreise kostenlos und spä'dter
23                 bestimmten Betrag in Rechnung gestellt]]></Text>
24
25         <!-- Policy names with multiple languages requested with All languages-->
26
27         <!-- <Text Language="xx"><![CDATA[PolicyDescription]]></Text> (xx=de,en .. etc.)-->
28
29         <!-- Policy descriptions with single language requested with PrimaryLangID="en"
30             <Text Language="en"><![CDATA[ description of Policy 1 ]]></Text> -->
31
32             </PenaltyDescription>
33             </CancelPenalty>
34         </CancelPenalties>
35         </BookingRule>
36     </BookingRules>
37 </RatePlan>
38 </RatePlans>
39 </HotelDescriptiveContent>
40 </HotelDescriptiveContents>
41 </OTA_HotelDescriptiveInfoRQ>

```

**cultuzz.**

## 5.7.9 Use Cases for Payment policy

### Create Payment Policy

Create process is determined by RatePlanNotifType="New" and RatePlanNotifScopeType="RatePlanOnly". The Payment Policy is to be delivered as described in the definition of Payment Policy.

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2   [...]
3   <RatePlans>
4     <RatePlan RatePlanType="11" RatePlanNotifType="New"
5       RatePlanNotifScopeType="RatePlanOnly">
6       <BookingRules>
7         <BookingRule>
8           <RequiredPaymts>
9             <GuaranteePayment PaymentCode="6" PaymentType="Prepay">
10
11       <!-- The attribute 'GuaranteeType' with value PrePay indicates the Payment type. It
12         indicates the amount to be paid in advance at the time of booking. Only one of the
13
14         attribute 'Amount' which indicates a fixed amount to be paid or attribute
15         'Percent' which indicates a percentile of total cost that needs to be paid is
16         required. For ex: <AmountPercent Amount="500"> or <AmountPercent Percent="20">.
17       -->
18
19       <AmountPercent Percent="60" />
20       <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="6"/>
21
22       <Description Name="txt:name">
23         <Text Language="de">60 percent</Text>
24         <Text Language="en">60 Prozent</Text>
25       </Description>
26
27       <Description Name="txt:description_long">
28         <Text Language="de">60 percent of total price</Text>
29         <Text Language="en">60 Prozent des Gesamtpreises</Text>
30
31     <!-- Policy descriptions with multiple languages -->
32
33     <!-- <Text Language="xx"><CDATA[PolicyDescription]]</Text> (xx=de,en .. etc.)-->
34
35     <!-- Policy descriptions with single language requested with PrimaryLangID="en"
36       <Text Language="en"><CDATA[ description of Policy 1 ]]</Text> -->
37
38
39     </Description>
40   </GuaranteePayment>
41 </RequiredPaymts>
42 </BookingRule>
43 </BookingRules>
44 </RatePlan>
45 </RatePlans>
46 </OTA_HotelRatePlanNotifRQ>
```

**cultuzz.**

### Update PaymentPolicy

The Update process is determined by RatePlanNotifType="Overlay". Despite the creation process, the corresponding <PaymentPolicy> must contain the attribute PolicyCode, which references to the PaymentPolicy as an identifier.

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2   <POS> ... </POS>
3
4   <!-- If requested only with PrimaryLangID language attribute then policy descriptions
5     will be provided only with language specified in PrimaryLangID.
6     If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
7     descriptions will be provided in all created multiple languages.-->
8
9   <RatePlans>
10     <RatePlan RatePlanType="11" RatePlanNotifType="Overlay"
11       RatePlanNotifScopeType="RatePlanOnly">
12
13     <!-- For updation of policies, the attribute 'RatePlanNotifType'
14       must have the value of "Overlay". InfoSource holds PaymentPolicyID
15       which need to be updated. -->
16
17     <BookingRules>
18     <BookingRule>
19       <RequiredPaymts>
```



```

20         <GuaranteePayment PaymentCode="6" PaymentType="Prepay" InfoSource="85">
21         <AmountPercent Percent="60" />
22         <Deadline OffsetTimeUnit="Year" OffsetUnitMultiplier="6"/>
23
24         <Description Name="txt:name">
25             <Text Language="de">60 percent</Text>
26             <Text Language="en">60 Prozent</Text>
27         </Description>
28         <Description Name="txt:description_long">
29             <Text Language="de">60 percent of total price</Text>
30             <Text Language="en">60 Prozent des Gesamtpreises</Text>
31
32         <!-- Policy names with multiple languages requested with All languages-->
33
34         <!-- <Text Language="xx">[CDATA[PolicyDescription]]</Text> (xx=de,en .. etc.)-->
35
36         <!-- Policy descriptions with single language requested with PrimaryLangID="en"
37             <Text Language="en">[CDATA[ description of Policy 1 ]]</Text> -->
38
39         </Description>
40     </GuaranteePayment>
41 </RequiredPaymts>
42 </BookingRule>
43 </BookingRules>
44     [...]
45 </RatePlan>
46 </RatePlans>
47 </OTA_HotelRatePlanNotifRQ>

```

**cultuzz.**

## Remove PaymentPolicy

The Remove process is determined by RatePlanNotifType="Remove".

```
1 <OTA_HotelRatePlanNotifRQ [...] PrimaryLangID="en">
2
3 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
4      will be provided only with language specified in PrimaryLangID.
5      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
6      descriptions will be provided in all created multiple languages.-->
7
8 <RatePlans>
9   <RatePlan RatePlanType="11" RatePlanNotifType="Remove"
10      RatePlanNotifScopeType="RatePlanOnly">
11
12 <!-- For deletion of policies, the attribute 'RatePlanNotifType'
13      must have the value of "Remove". -->
14
15   <BookingRules>
16     <BookingRule>
17       <RequiredPaymts>
18         <GuaranteePayment InfoSource="85">
19           [...]
20         </GuaranteePayment>
21       </RequiredPaymts>
22     </BookingRule>
23   </BookingRules>
24   [...]
25 </RatePlan>
26 </RatePlans>
27 </OTA_HotelRatePlanNotifRQ>
```

**cultuzz.**

## Request a list of Payment policies

```
1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2   <POS>...</POS>
3
4 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
5      will be provided only with language specified in PrimaryLangID.
6      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
7      descriptions will be provided in all created multiple languages.-->
8
9   <HotelDescriptiveInfos>
10     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
11       <ContentInfos>
12         <ContentInfo Name="PaymentPolicyList" />
13       </ContentInfos>
14     </HotelDescriptiveInfo>
15   </HotelDescriptiveInfos>
16 </OTA_HotelDescriptiveInfoRQ>
```

## Request a list of All Policies

```
1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2   <POS>...</POS>
3
4 <!-- If requested only with PrimaryLangID language attribute then policy descriptions
5      will be provided only with language specified in PrimaryLangID.
6      If requested with both PrimaryLangID and AltLangID="All" attribute then, policy
7      descriptions will be provided in all created multiple languages.-->
8
9   <HotelDescriptiveInfos>
10     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
11       <ContentInfos>
12         <ContentInfo Name="AllPoliciesList" />
13       </ContentInfos>
14     </HotelDescriptiveInfo>
15   </HotelDescriptiveInfos>
16 </OTA_HotelDescriptiveInfoRQ>
```

## Response

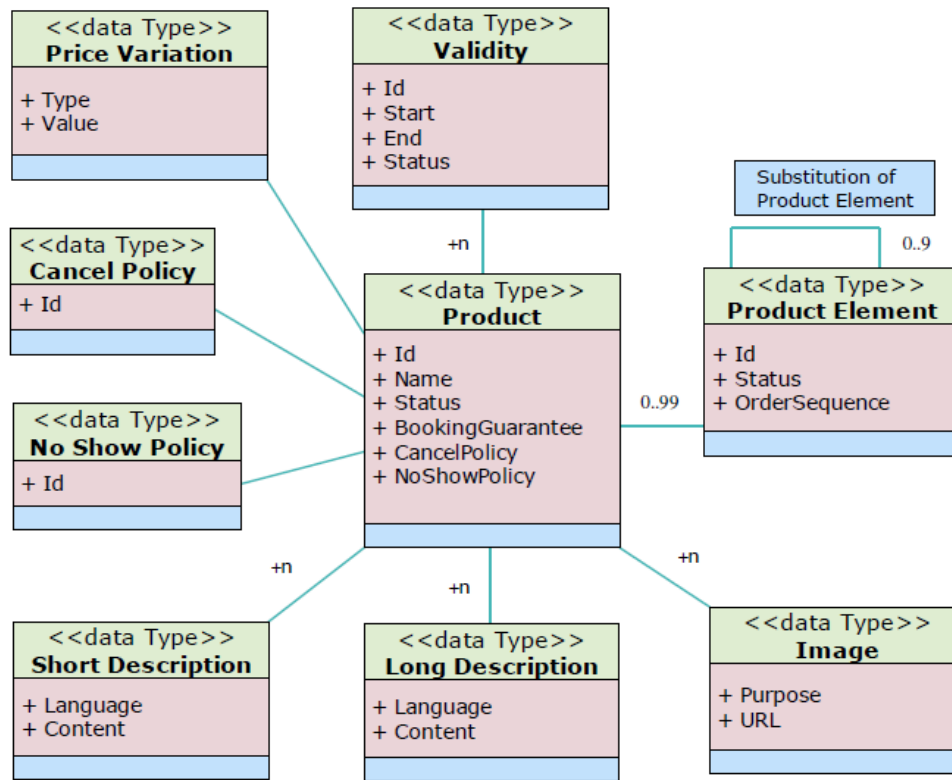
The response would look like this:

```
1  <OTA_HotelDescriptiveInfoRS [...] >
2    <Success />
3    <HotelDescriptiveContents>
4      <HotelDescriptiveContent>
5        <RatePlans>
6          <RatePlan RatePlanType="11">
7            <UniqueID ID="12400" ID_Context="PaymentPolicyList"/>
8            <BookingRules>
9              <BookingRule>
10                <GuaranteePayment GuaranteeType="GuaranteeRequired"
11                  PaymentCode="2" PolicyCode="49">
12                  <AmountPercent Amount="12.00" />
13                  <Deadline OffsetUnitMultiplier="1"/>
14                </GuaranteePayment>
15                <GuaranteePayment GuaranteeType="PrePay"
16                  PaymentCode="6" PolicyCode="1113">
17                  <AmountPercent Percent="99.00"/>
18                  <Deadline OffsetTimeUnit="Day"/>
19                  <Description Name="txt:description_long">
20
21                    <Text Language="de"><![CDATA[with Deposit]]></Text>
22                    <Text Language="en"><![CDATA[with Deposit]]></Text>
23                  </Description>
24                  <Description Name="txt:name">
25                    <Text Language="de"><![CDATA[pp of2208]]></Text>
26                    <Text Language="en"><![CDATA[pp of2208]]></Text>
27
28                <!-- Policy names with multiple languages requested with All languages-->
29                <!-- <Text Language="xx"><![CDATA[PolicyDescription]]></Text> (xx=de,en .. etc.)-->
30
31                <!-- Policy descriptions with single language requested with PrimaryLangID="en"
32                  <Text Language="en"><![CDATA[ description of Policy 1 ]]></Text> -->
33
34              </Description>
35            </GuaranteePayment>
36          </BookingRule>
37        </BookingRules>
38      </RatePlan>
39    </RatePlans>
40  </HotelDescriptiveContent>
41 </HotelDescriptiveContents>
42 </OTA_HotelDescriptiveInfoRS>
```

**cultuzz.**

### 5.7.10 Definition of a Product

The data model of a [product](#) is defined as shown in the following pseudo-UML-diagram:



**cultuzz.**

Figure 9: Data model of a product

#### RatePlanNotifRQ

```

1  <OTA_HotelRatePlanNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2
3      Version="3.30" TimeStamp="2011-07-11 13:23:39" PrimaryLangID="de">
4      <POS>...</POS>
5      <RatePlans>
6          <RatePlan RatePlanType="11" RatePlanNotifType="New"
7              RatePlanNotifScopeType="RatePlanAndRate" PromotionCode="0"
8              InventoryAllocatedInd="true" MarketCode="11614"
9              RatePlanCategory="1"><!--11-product, -->
10             <UniqueID Type="18" ID_Context="PartnersID" ID="STPCXMMCMC"/>
11
12             <!-- Mapping CultSwitch product to Partners product (specified under 'ID') by
13                  the element 'UniqueID' -->
14
15             <!-- To create a product we use the element 'RatePlan'. Each attribute of 'RatePlan'
16                  controls how a Product is created. The value of "11" for attribute 'RatePlanType'
17                  identifies that this request is for creating a package (product). -->
18
19             <!-- Please note that, the products can only be created by the default
20                  distributor of the accommodation. -->
21
22             <!-- The attribute 'RatePlanNotifType' controls the existence of the product. It could
23                  have three values: "New" for creation of a new product, "Overlay" for updation of
24                  existing product and "Remove" for deleting an existing product. If the request is
25                  for either "Overlay" or "Remove", then the attribute 'RatePlanID' is mandatory.
26             -->
27
28             <!-- For copying an existing product to a new product, one can send the attribute
29                  'RatePlanNotifType' with value "New" along with an existing ProductID value with
30                  an attribute 'RatePlanID'. For ex: if RatePlanID="111" and RatePlanNotifType="New",
31                  then a new product is created which is a copy of "111" and the new ID will be
32                  returned. -->
33
34             <!-- For creating a room based product elements and non-room based product elements,
35                  the attribute 'RatePlanNotifType' must not be specified. -->
36         </RatePlan>
37     </RatePlans>
38 </OTA_HotelRatePlanNotifRQ>

```

```

37 <!-- RatePlanID is a unique identifier for a Product assigned by the CultSwitch
38      is also referred to as ProductID. -->
39
40 <!-- The attribute 'RatePlanNotifScopeType' identifies which part of the product
41      definition carried by this message. The allowed values are: "RatePlanAndRate"
42      for defining the complete product which may contain all three elements like
43      'SellableProducts', 'Rates' and 'BookingRules'. The other value could be
44      "RatePlanOnly" which contains only the element 'BookingRules'. The last va-
45      lue could be "RateOnly" which contains only the element 'Rates'. -->
46
47 <!-- Please note that, when a channel (distributor) requests for the messages
48      OTA_HotelDescriptiveContentNotifRQ or OTA_HotelAvailRQ the responses will
49      only contain those products that are bound to that channel (distributor). -->
50
51 <!-- The attribute 'Promotion Code' is used to categorize the product and will contain
52      any of these specific values. 0-Common, 1-Arrangement, 2-Last Minute and 3-Offer. -->
53
54 <!-- The attribute 'RatePlanCategory' is used to categorize this product under some
55      predefined categories. RatePlanCategory="1" specifies CommonProduct. -->
56
57     <BookingRules>
58         <BookingRule MaxAdvancedBookingOffset="P0Y13M12D" OffsetDuration="P2D"
59             MinAdvancedBookingOffset="P0Y0M2D" Code="6" CodeContext="MinAdultOccupancy"
60             MinTotalOccupancy="1" MaxTotalOccupancy="3" GenerallyBookable="1">
61
62 <!-- See: Min AdvancedBookingOffset, Max AdvancedBookingOffset The value given for
63      Min/Max AdvancedBookingOffset needs to be as per the rules specified at
64      http://www.w3.org/TR/xmlschema-2/#duration. For example, P0Y0M2D specifies
65      0 Years + 0 months + 2 days. -->
66
67 <!-- For attributes MinTotalOccupancy and MaxTotalOccupancy see: MinOccupancy
68      MaxOccupancy. -->
69
70 <!-- VoucherValidity specifies a period under the attribute OffsetDuration. -->
71
72 <!-- GenerallyBookable : 'true' means Direct Electronic Booking ( By default true),
73      'false' means Booking On Request ( Email/Fax/Phone). Booking might have
74      CultSwitch codes like 1:Direct Electronic Booking and
75      2:Booking On Request (Email/Fax/Phone). -->
76
77 <!-- If product's Direct Electronic Booking is true, then only it is bookable via XML's
78      in CultSwitch. -->
79
80     <AcceptableGuarantees>
81         <AcceptableGuarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher">
82
83 <!-- The attribute 'GuaranteeType' with value "CC/DC/Voucher" is required if the
84      accommodation accepts Credit card or Debit card or a voucher as a Guarantee for booking.
85      -->
86
87         <GuaranteeDescription ParagraphNumber="3" Name="SourceOfGuaranteeType"/>
88
89 <!-- CultSwitch providing Guarantee Type Switching option while a Product creation
90      and updation. Here, "ParagraphNumber" can be 1 or 2 or 3 as explained below.
91      1. Consider the Guarantee Type from Room.
92      2. Consider the Guarantee Type from Product
93      3. Consider the Guarantee Type best among the room and product.
94
95      CultSwitch treating the option 3 as default Guarantee Type. This will be applicable
96      for all existing products to provide backward compatibility.
97
98      If product is defined by the option 1 then Room Guarantee Type is applied for that product.
99      If product is defined by the option 2 then Product Guarantee Type is applied for that product.
100      If product is defined by the option 3 then the Guarantee Type will be assigned to the Product
101      as best among room and product Guarantee Types. -->
102
103         </AcceptableGuarantee>
104     </AcceptableGuarantees>
105     <RequiredPaymts>
106         <GuaranteePayment InfoSource="91">
107
108 <!--
109      The attribute 'InfoSource' with a value of "91" indicates that
110      it is a predefined PaymentPolicy and is mapped to this product.
111      For a creation of new PaymentPolicy, please see: Create PaymentPolicy -->
112
106         </GuaranteePayment>
113     </RequiredPaymts>
114     <CancelPenalties>
115         <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="1"/>
116         <CancelPenalty ConfirmClassCode="NoShowPolicy" PolicyCode="1"/>
117
118 <!-- The attribute 'ConfirmClassCode' accepts value of either "CancelPolicy" or
119      "NoShowPolicy". The attribute 'PolicyCode' with a value of "1" indicates that
120      its a universal Cancel/No-Show policy. If the Cancel/No-Show policy is already
121      defined then the appropriate 'PolicyCode' may be specified. For creation of
122      new Cancel policies, please see: Create Cancel Policy and for creation
123

```

**cultuzz.**

```

124 of new No-Show policies please see: Create No-Show Policy. -->
125
126 </CancelPenalties>
127 <DOW_Restrictions>
128   <AvailableDaysOfWeek Mon="1" Tue="1" Weds="1" Thur="1" Fri="0"
129     Sat="1" Sun="1"/>
130
131   <ArrivalDaysOfWeek Mon="1" Tue="1" Weds="1" Thur="1" Fri="1"
132     Sat="0" Sun="1"/>
133
134   <DepartureDaysOfWeek Mon="1" Tue="1" Weds="0" Thur="1" Fri="0"
135     Sat="1" Sun="1"/>
136
137 <!-- For explanations of ArrivalDaysOfWeek, AvailableDaysOfWeek and DepartureDaysOfWeek
138 with examples, please click: DOW\_Restrictions. -->
139
140 </DOW_Restrictions>
141 <Viwerships>
142 <Viwership>
143 <Profiles>
144 <Profile>
145
146 <!-- ProductAddress specifies the exact location or address of the product. -->
147
148   <CompanyInfo>
149     <AddressInfo RPH="Original">
150       <StreetNmbr PO_Box="POBox" StreetNmbrSuffix="45">Street</StreetNmbr>
151       <BldgRoom>ClitzBuilding</BldgRoom>
152       <AddressLine>3rd lane</AddressLine>
153       <CityName>Visakhapatnam</CityName>
154       <PostalCode>530016</PostalCode>
155       <StateProv>AP</StateProv>
156
157     <CountryName>CountryNameType</CountryName>
158   </AddressInfo>
159   <AddressInfo RPH="Key">
160     <StreetNmbr PO_Box="POBox" StreetNmbrSuffix="45">Street</StreetNmbr>
161     <BldgRoom>ClitzBuilding</BldgRoom>
162     <AddressLine>3rd lane</AddressLine>
163     <CityName>Visakhapatnam</CityName>
164
165     <PostalCode>530016</PostalCode>
166     <StateProv>AP</StateProv>
167     <CountryName>India</CountryName>
168   </AddressInfo>
169   <TelephoneInfo PhoneTechType="3"
170     PhoneNumber="544564564564464" RPH="Original"/>
171   <TelephoneInfo PhoneTechType="7"
172     PhoneNumber="454564544454545" RPH="Key"/>
173   <Email EmailType="3" RPH="Original">cultdoc@cultuzz.com</Email>
174   <Email EmailType="4" RPH="Key">cultdocument@cultuzz.com</Email>
175 </CompanyInfo>
176 <ContactPerson RPH="key">
177   <PersonName>
178     <NamePrefix>Mr</NamePrefix>
179     <Surname>Robert</Surname>
180     <GivenName>john</GivenName>
181     <NameTitle>Smith</NameTitle>
182   </PersonName>
183   <CompanyName>CultHotel</CompanyName>
184 </ContactPerson>
185 <ContactPerson RPH="Other">
186   <PersonName>
187     <NamePrefix>Mr</NamePrefix>
188     <Surname>Robert</Surname>
189     <GivenName>john</GivenName>
190     <NameTitle>Smith</NameTitle>
191   </PersonName>
192   <CompanyName>CultHotel</CompanyName>
193 </ContactPerson>
194 </Profile>
195 </Profiles>
196 </Viwership>
197 </Viwerships>
198 </BookingRule>
199 </BookingRules>
200 <Rates>
201   <Rate Start="2011-07-20" End="2012-12-31" Status="Open">
202     <UniqueID Type="18" ID_Context="ClitzProductValidity" ID="new" Instance="1" />
203
204 <!-- The above example states that, this product has a validity (identified with
205 ID_Context="ClitzProductValidity") from 20th July 2011 to 31st Dec 2012, during
206 a period of which it is sellable (identified with Status="Open"). The attribute
207 'ID' specifies the Validity ID for this date range. If it has a value of "new"
208 the request is to create a new Validity. If it has a value of an existing
209 validity, the request is to update the requested validity. -->
210

```

**cultuzz.**

```

211     </Rate>
212     <Rate MaxGuestApplicable="3">
213         <UniqueID Type="18" ID_Context="CltzProductOccupancy" ID="1"/>
214     <!-- MaxGuestApplicable specifies standard occupancy. Please see MinTotalOccupancy
215          and MaxTotalOccupancy under BookingRules. -->
216
217     </Rate>
218     <Rate MaxLOS="555" MinLOS="2">
219         <UniqueID ID="1" ID_Context="CltzProductLengthOfStay" Type="18"/>
220
221     <!-- The attribute MaxLOS and MinLOS indicates that Maximum and Minimum length of
222          stay of this specific Product in the attribute 'ID' within element 'UniqueID'.
223          -->
224
225     </Rate>
226     <Rate NumberOfUnits="1" >
227         <UniqueID Type="18" ID_Context="CltzProductElement" ID="37474"/>
228
229     <!-- The number of units of each product element identified under SellableProduct
230          needs to be specified in its own 'Rate' container/element with attribute
231          'NumberOfUnits'. The 'Rate' element must be supported by the 'UniqueID'
232          element with ID_Context as "CltzProductElement" and ID referring to the same
233          product elementId specified within SellableProduct. -->
234
235     </Rate>
236     <Rate NumberOfUnits="1" RateTimeUnit="FullDuration" UnitMultiplier="1"
237           MaxGuestApplicable="1">
238         <UniqueID Type="18" ID_Context="CltzProductElement" ID="37762"/>
239
240     <!-- RateTimeUnit enumeration values are (Year | Month | Week | Day | Hour | Second |
241          FullDuration). -->
242     <!-- UnitMultiplier is the number of RateTimeUnits, i.e one element is
243          available per day for Product X -->
244     <!-- Here NumberOfUnits="1" means the Product X has only one product element (37762) -->
245     <!-- i.e The element (37762) is available one per person (MaxGuestApplicable="1")
246          during Full Stay for Product X -->
247     <!-- MaxGuestApplicable is used only for pushing element availability per person.-->
248
249     </Rate>
250     <Rate Duration="P1D">
251
252     <!-- StaySupplements are applied to a particular product when it meets the stay
253          specified under attribute 'Duration'. StaySupplements are nothing but
254          applying Surcharge/Reduction for a particular duration. -->
255
256         <Fees>
257             <Fee Code="16" Percent="5.0"></Fee>
258         </Fees>
259         <RateDescription Name="ShortStaySurcharge"/>
260     </Rate>
261     <Rate Duration="P3D">
262         <Fees>
263             <Fee Code="24" Percent="10.00"></Fee>
264         </Fees>
265         <RateDescription Name="LongStayDiscount"/>
266     </Rate>
267     <Rate>
268
269     <!-- ProductPicture specifies the path of the image related to a particular product. -->
270
271         <RateDescription Name="ProductPicture">
272             <Image>PathOfImage</Image>
273             <Text Language="en">Image of a hut related to this hotel</Text>
274         </RateDescription>
275     </Rate>
276     <Rate End="2013-12-31" Start="2013-02-26" Status="Open">
277
278     <!-- ProductPurchasePeriod specifies a period in which the reservation can be
279          possible for that product only in that period, if PurchasePeriod is
280          specified. It can be a multiple periods for a single product. -->
281
282         <UniqueID ID="277815" ID_Context="CltzProductPurchasePeriod" Type="18"/>
283     </Rate>
284 </Rates>
285 <SellableProducts>
286     <SellableProduct InvTypeCode="3" InvGroupingCode="37474">
287         <UniqueID Type="18" ID_Context="CltzProductElement" ID="37474"/>
288         <Description Name="My SingleBed Room" />
289
290     <!-- The 'SellableProduct' element is used to specify the Product elements that are
291          linked with this product. The attribute 'InvTypeCode' value specifies the type
292          of the element. The value with "3" specifies that it is a guest room. For a
293          complete list of values that are provided with attribute 'InvTypeCode' could be
294          found in the appendix under section InvTypeCode. -->
295
296     <!-- The attribute 'InvGroupingCode' specifies under which group this particular
297          product element comes under (if already grouped), otherwise, it would be the

```

**cultuzz.**

```

298     same as the product element ID. Alternately, one or more product elements can
299     be grouped together by specifying a same value for 'InvGroupingCode'. -->
300
301     <!-- The element 'UniqueID' identifies the SellableProduct. When the ID_Context is
302     specified as 'CltzProductElement', the ID refers to the Product Element ID. As
303     a rule, the product element that is declared here needs to be the element
304     of the same accommodation for which this product is being created. -->
305
306     <!-- The 'Description' element carries the description of the product element. The
307     attribute 'Name' specifies the name of the Product element. -->
308
309     </SellableProduct>
310     <SellableProduct InvTypeCode="4" InvGroupingCode="37762">
311         <UniqueID Type="18" ID_Context="CltzProductElement" ID="37762"/>
312         <Description Name="Breakfast" />
313     </SellableProduct>
314     <SellableProduct>
315         <GuestRoom>
316             <Amenities>
317                 <Amenity AmenityCode="1"></Amenity>
318                 <Amenity AmenityCode="2"></Amenity>
319                 <Amenity AmenityCode="3"></Amenity>
320                 <Amenity AmenityCode="4"></Amenity>
321                 <Amenity AmenityCode="5"></Amenity>
322             </Amenities>
323         </GuestRoom>
324
325         <!-- 'GuestRoom->Amenities->Amenity' specifies the amenity supported by the
326         'UniqueID->ID' type and the attribute 'AmenityCode' holds the OTA_Code
327         of the supported amenity. -->
328
329         <!-- Each amenity type (RMA/RLT/RVT/non ota) must have individual SellableProduct
330         to mapp their product amenities. -->
331
332         <!-- 'UniqueID' element holds the type (RMA/RLT/RVT/non ota) of the amenity under
333         'ID' attribute with a ID_Context as 'CltzProductAmenities'. Here Type="18"
334         specifies 'other'.-->
335
336         <UniqueID Type="18" ID="ota_RMA" ID_Context="CltzProductAmenities"/>
337     </SellableProduct>
338     <SellableProduct>
339         <GuestRoom>
340             <Amenities>
341                 <Amenity AmenityCode="1"></Amenity>
342                 <Amenity AmenityCode="2"></Amenity>
343                 <Amenity AmenityCode="3"></Amenity>
344                 <Amenity AmenityCode="4"></Amenity>
345                 <Amenity AmenityCode="5"></Amenity>
346             </Amenities>
347         </GuestRoom>
348         <UniqueID Type="18" ID="ota_RLT" ID_Context="CltzProductAmenities"/>
349     </SellableProduct>
350     <SellableProduct>
351         <GuestRoom>
352             <Amenities>
353                 <Amenity AmenityCode="1"></Amenity>
354                 <Amenity AmenityCode="2"></Amenity>
355             </Amenities>
356         </GuestRoom>
357         <UniqueID Type="18" ID="ota_RVT" ID_Context="CltzProductAmenities"/>
358     </SellableProduct>
359     <SellableProduct>
360         <GuestRoom>
361             <Amenities>
362                 <Amenity AmenityCode="1"></Amenity>
363             </Amenities>
364         </GuestRoom>
365         <UniqueID Type="18" ID="not ota" ID_Context="CltzProductAmenities"/>
366     </SellableProduct>
367 </SellableProducts>
368 <RatePlanLevelFee>
369     <Fee Code="11" Amount="120.52"/>
370
371     <!-- The total cost of the product can be defined with attribute 'Amount' within 'Fee'
372     element of 'RatePlanLevelFee' element. Please see section Product Price Variation
373     for further details about the attribute 'Code'. -->
374
375     <!-- There is an alternate method of specifying the cost of the Product using the
376     Price Room Source which is explained below. -->
377
378     </RatePlanLevelFee>
379     <Description Name="txt:name">
380         <Text Language="en"><![CDATA[Test Document Product]]></Text>
381         <Text Language="de"><![CDATA[Test Document Prodket]]></Text>
382
383     <!-- The name of the product could be sent within 'Description' elements with attribute
384     'Name' having value "txt:name". There can be many 'Text' elements with different

```

**cultuzz.**



```

385     languages. There can be maximum 5 'Description' elements each having a different
386     value for 'Name' attribute like 'txt:description_short', 'img:standard' etc. For
387     a list of allowed values for 'Name', please see: CultSwitch Name-Attributes. -->
388
389     </Description>
390 </RatePlan>
391 </RatePlans>
392 </OTA_HotelRatePlanNotifRQ>

```

## RatePlanNotifRS

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelRatePlanNotifRS TimeStamp="2011-07-11T13:23:54"
3      TransactionIdentifier="3f56adb8-8d0b-49e1-8a5f-f04f363024d6-947418371"
4      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5      <Warnings/>
6      <Success/>
7      <RatePlanCrossRefs>
8          <RatePlanCrossRef ResponseRatePlanCode="73482"
9              ResponseRatePlanGroupingCode="CltzProductID"/>
10
11  <!-- The attribute ResponseRatePlanCode contain the productID. which is created or
12       updated. -->
13
14      </RatePlanCrossRefs>
15      <TPA_Extensions>
16          <ResponseTime ProcessTime="15.248" ProcessTimeUnit="Seconds"
17              RequestStartTime="2011-07-11 13:23:39.308"
18              ResponseEndTime="2011-07-11 13:23:54.556"/>
19      </TPA_Extensions>
20  </OTA_HotelRatePlanNotifRS>

```

**cultuzz.**

## Product Price Variation

The product price variation is specified in detail for different cases.

```

1      <RatePlanLevelFee>
2          <Fees Code="xx" Percent="xxx.xx" Amount="xxxx.xx"/>
3      </RatePlanLevelFee>

```

- If Code = 11 then Fixed-price takes from Amount attribute.
- If Code = 25 then Standard calculation of daily price, built as sum over the daily element prices.
- If Code = 16 then Absolute surcharge take value from Amount attribute. Calculation base is the daily price built as sum over daily element prices.
- If Code = 16 and Percent given then Relative surcharge take value from Percent-attribute. Calculation base is the daily price built as sum over daily element prices.
- If Code = 24 then Absolute discount take value from Amount-attribute. Calculation base is the daily price built as sum over daily element prices.
- If Code = 24 and Percent given then Relative discount take value from Percent-attribute. Calculation base is the daily price built as sum over daily element prices.

## FixedPriceForProduct : Guest count based fixed price for product

This feature allows a product to have a multiple prices based on the guest count. Means, product price varies as per the guest count requested.

```

1  <Rate MinGuestApplicable="1" MaxGuestApplicable="5">
2      <UniqueID ID="12400" ID_Context="CltzProductVariantRules" Type="18"/>
3      <BaseByGuestAmts>
4          <BaseByGuestAmt NumberOfGuests="1" Code="FixedPriceForProduct" AmountAfterTax="130.00" />
5          <BaseByGuestAmt NumberOfGuests="2" Code="FixedPriceForProduct" AmountAfterTax="165.00" />
6          <BaseByGuestAmt NumberOfGuests="3" Code="FixedPriceForProduct" AmountAfterTax="185.00" />
7
8      <!-- Here, 1Adult price will be 130 EUR, for 2Adults 165 and for
9           3 adults it will be 185 EUR. -->
10

```

```

11     </BaseByGuestAmts>
12 </Rate>

```

---

## Price Room Source

Each product can be assigned a price of a different RoomType irrespective of the RoomTypes enclosed within the product. This type of assigning rates is often referred to as [Price Room Source](#) or [Additional Rate Categories](#). To achieve this the following XML may be used as explained.

```

1     <RatePlanLevelFee Code="73482" CodeContext="PG1">
2
3     <!-- The attribute 'Code' specifies the productId, the price which needs
4          to be assigned to this product is specified in the 'CodeContext'.
5          The attribute 'CodeContext' may contain values "PG1" or "PG2" or "PG3" where
6          PG means "Price Group" and PG1 refers to BAR Rate, PG2 refers to NET Rate and
7          PG3 refers to OTHER Rate, each referring to specific RateType identified in
8          OTA_HotelRateAmountNotifRQ as explained here. -->
9
10    <Fee Code="11" /> <!-- OR -->
11    <Fee Code="16" Amount="20.63" /> <!-- OR -->
12    <Fee Code="24" Percent="5.6"/>
13
14    <!-- The attribute 'Code' with value of "11" identifies that this is the
15          "Package fee" in which case, the attributes 'Amount' OR 'Percent' are not
16          considered and the price is taken as an exact value of the price calculated
17          as per the values specified with 'Code' and 'CodeContext' attributes within
18          the 'RatePlanLevelFee' element. -->
19
20    <!-- If there is a requirement to provide a "Surcharge" or "Discount" on the amount
21          calculated in the above step, then it may be specified with a 'Fee' element
22          with attribute 'Code' having a value of "16" which applies to "Surcharge" OR
23          with attribute 'Code' having a value of "24" which applies to "Exempt"
24          (Discount). In both the cases, either the attribute 'Amount' OR attribute
25          'Percent' is mandatory where, the 'Amount' attribute adds or deletes a fixed
26          amount to the price calculated in the step above. -->
27
28    </RatePlanLevelFee>

```

---

**cultuzz.**

## Auction Start Price, BuyItNow Price

Each product can be assigned an auction price and a buy it now price typically to be used on auction based distributors like eBay. To achieve this, the system requires two different prices (1) [Auction Start Price](#) (mandatory) and (2) [Buy It Now price](#) (optional) for which the following XML may be used as explained.

```

1 <Rate>
2   <UniqueID ID="73482" ID_Context="CltzProductPrice" Type="18"/>
3
4   <!-- The attribute 'ID_Context' must have a value of "CltzProductPrice" which applies
5        to this product when treated in terms of Auction. -->
6
7   <BaseByGuestAmts>
8     <BaseByGuestAmt AmountAfterTax="40.23" CurrencyCode="EUR" Code="51" />
9     <BaseByGuestAmt AmountAfterTax="51.25" CurrencyCode="EUR" Code="52" />
10
11   <!-- The attribute 'Code' with value "51" specifies that it is an "Auction Start Price"
12        and with value "52" specifies that it is a "BuyItNow Price". -->
13
14   </BaseByGuestAmts>
15 </Rate>

```

---

## Conditional Availability or Conditional Pricing

This feature allows a product to create restrictions on the "availability" of the product based on "pricing rules". This type of restriction of availability based on price rules is referred to as [Conditional Availability](#). To achieve this, the system allows to create several restricted pricing rules with the following XML as explained.



```
1 <Rate RateTier="PG1" Mon="true" Tue="true">
2
3 <!-- The restrictions can be applied at several levels using the Price Group, Day of
4 Week etc. The Price Groups like PG1, PG2, PG3 which are further explained as BAR,
5 NET and OTHER rates, each referring to specific RateType identified in OTA_HotelRateAmountNotifRQ as explained here. -->
6
7 <UniqueID ID="73482" ID_Context="ConditionalAvailability" Type="18"/>
8
9
10 <!-- The attribute 'ID_Context' should have the value of "ConditionalAvailability". -->
11
12 <Fees>
13 <Fee Code="11" Amount="85" CurrencyCode="EUR"
14 EffectiveDate="2011-08-05" ExpireDate="2011-12-25"/>
15
16 <!-- The attribute 'Code' with value "11" specifies that it is a "fixed price". And
17 the amount given in the attribute 'Amount' is considered as fixed price. This
18 rule will be effective from the date mentioned with 'EffectiveDate' and expires
19 on the date mentioned with 'ExpireDate'. For a further description of this
20 conditional availability with an example see below. -->
21
22 <Fee Code="16" Percent="0.50" />
23
24 <!-- The attribute 'Code' with value of "16" means "Surcharge" and "24" means "Discount".
25 The value could be specified either with attribute 'Percent' or attribute 'Amount'.
26 For a further description of this conditional availability with an example see
27 below. -->
28
29 </Fees>
30 </Rate>
31 <!--
32 Example of Conditional Availability
33 The following XML fragment describes a typical scenario for Conditional Availability:
34
35 <Rate RateTier="PG2" Mon="true" Tue="true" Weds="true">
36 <UniqueID ID="12400" ID_Context="ConditionalAvailability" Type="18"/>
37 <Fees>
38 <Fee Code="11" Amount="90" CurrencyCode="EUR"
39 EffectiveDate="2011-08-25" ExpireDate="2011-12-25" />
40 <Fee Code="24" Percent="30" />
41 </Fees>
42 </Rate>
43 Availability of this product is ONLY given if the following cases match (based on
44 the above XML):
45 1) The total daily price taken from BAR RATE (RateTier=PG2) of all the rooms of
46 this product.
47 2) A reduction (Code="24") of "30%" (Percent="30") is applied on the daily price.
48 3) The resultant price should be less than or equal to "90EUR" (Amount="90",
49 CurrencyCode="EUR")
50 4) Today is greater than equal to 2011-12-25 (EffectiveDate="2011-12-25") and less
51 than equal to 2011-08-25 (ExpireDate="2011-08-25")
52 5) The arrival day is either on "Monday, Tuesday or Wednesday" (Mon="true"...)
```

## ProductElement availability for Product

```
1 <Rate NumberOfUnits="1" RateTimeUnit="FullDuration" UnitMultiplier="1"
2 MaxGuestApplicable="1">
3 <UniqueID Type="18" ID_Context="CltzProductElement" ID="37762"/>
4
5 <!-- RateTimeUnit enumeration values are (Year | Month | Week | Day | Hour | Second |
6 FullDuration). -->
7 <!-- UnitMultiplier is the number of RateTimeUnits, i.e one element is
8 available per day for Product X -->
9 <!-- Here NumberOfUnits="1" means the Product X has only one product element (37762) -->
10 <!-- i.e The element (37762) is available one per person (MaxGuestApplicable="1")
11 during Full Stay for Product X -->
12 <!-- MaxGuestApplicable is used only for pushing element availability per person.-->
13
14 </Rate>
```

## VariantPrice

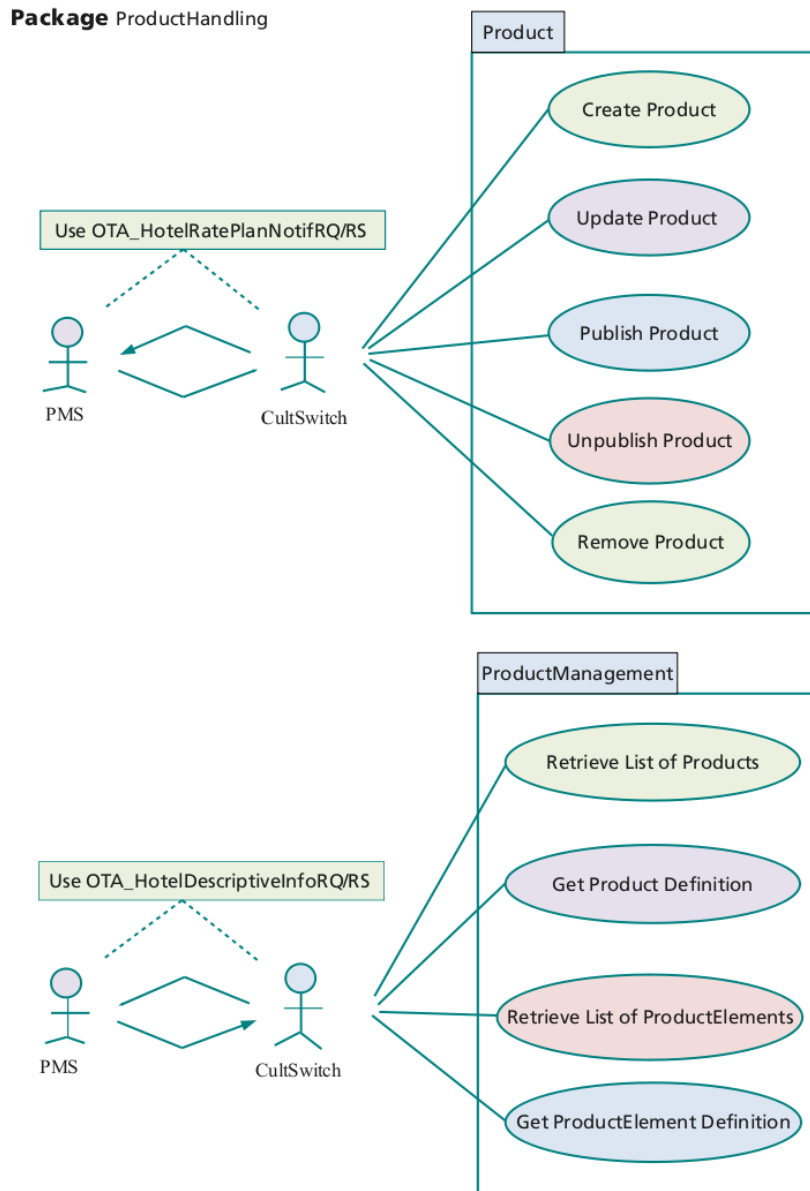
```
1 <Rate MaxGuestApplicable="2" MinGuestApplicable="1">
2   <UniqueID ID="12400" ID_Context="CltzProductVariantRules" Type="18"/>
3   <!-- OR -->
4   <UniqueID ID="73482" ID_Context="CltzProductVariantRules" Type="18"/>
5   <AdditionalGuestAmounts>
6     <AdditionalGuestAmount AgeQualifyingCode="10" Percent="20" Code="24"/>
7   </AdditionalGuestAmounts>
8 </Rate>
9
10 <!-- Creating a new product with VariantPrice, UniqueID->ID-> holds AccommodationID.
11      While updating a product with new VariantPrice, UniqueID->ID-> holds ProductID -->
12
13 <!-- For Example, The product 73482 has CltzVariantPrice. Standard Occupancy : 2,
14      Min Occupancy : 1, Max Occupancy : 2 , Reduction for Adults : 20% per adult
15      (incase the adult count is less than standard occupancy) Daily price: 85 EUR -->
16
17 <!-- Number of Guests : 2, Price per day : 85 EUR (For two adults as per standard
18      occupancy) Number of Guests : 1, Price per day : 85 EUR, Price per person :
19      42.5 EUR, Reduction per person : 20% of (42.5) = 8.5 EUR
20      Final Price : 85-8.5 = 76.5 EUR -->
```

**cultuzz.**

## VariantPrice for Child

```
1 <Rate MaxGuestApplicable="2" MinGuestApplicable="1">
2   <UniqueID ID="12400" ID_Context="CltzProductVariantRules" Type="18"/>
3   <!-- OR -->
4   <UniqueID ID="73482" ID_Context="CltzProductVariantRules" Type="18"/>
5   <AdditionalGuestAmounts>
6     <AdditionalGuestAmount Amount="40" Code="16" MinAge="0" MaxAge="8"/>
7   </AdditionalGuestAmounts>
8 </Rate>
9
10 <!-- For Example, here child of age from 0 to 8 has 40EUR's as surcharge. -->
```

### 5.7.11 Interface for Product Handling



**cultuzz.**

Figure 10: Pseudo UML for product handling

## 5.7.12 Use Cases for Product

### Create, Activate, Update, Remove, Publish and Un-Publish Product

#### Create Product

```
1 <OTA_HotelRatePlanNotifRQ ...>
2 <POS>...</POS>
3 <RatePlans>
4   <RatePlan RatePlanType="11" RatePlanNotifType="New"
5     RatePlanCategory="1" RatePlanNotifScopeType="RatePlanAndRate"
6     PromotionCode="3" />
7
8 <!-- For a detailed explanation about the product and the attributes available,
9     please take a look at section: Definition of a Product.-->\
10
11   [...]
12 </RatePlan>
13 </RatePlans>
14 </OTA_HotelRatePlanNotifRQ>
```

If the attribute RatePlanType is '11', then this request is for [product](#). If the attribute RatePlanNotifType is New and IsRoom is true then create a new room. Otherwise create a new element.



#### Activating the existing product

```
1 <OTA_HotelRatePlanNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
2   Timestamp="2011-08-14T14:03:42" PrimaryLangID="de">
3   <POS>...</POS>
4   <RatePlans>
5     <RatePlan RatePlanType="11" RatePlanID="73482" RatePlanStatusType="Active" >
6
7     <!-- The attribute 'RatePlanStatusType' indicates whether this product is
8         activated or deactivated. The values for attribute 'RatePlanStatusType'
9         must be either 'Active' for activating the product or 'Deactivated' for
10        deactivating the product. By default when a product is created, it will
11        be in 'Active' state.
12        For deactivating a product, the xml structure will be like the following.
13
14     <RatePlan RatePlanType="11" RatePlanID="73482" RatePlanStatusType="Deactivated" -->
15
16     </RatePlan>
17   </RatePlans>
18 </OTA_HotelRatePlanNotifRQ>
```

#### Update Product

```
1 <OTA_HotelRatePlanNotifRQ [...] >
2   [...]
3   <RatePlans>
4     <RatePlan RatePlanType="11" RatePlanID="73482"
5       RatePlanNotifScopeType="RatePlanAndRate" RatePlanNotifType="Overlay"
6       RatePlanCategory="1" >
7
8     </RatePlan>
9   </RatePlans>
10 </OTA_HotelRatePlanNotifRQ>
```

If the value of attribute RatePlanNotifType is Overlay, it updates the existing product which is specified in the RatePlanID.

The attribute RatePlanStatusType is Active, means publish the Product which is specified in the [RatePlanID](#).

The attribute RatePlanStatusType is Deactivated means, Product which is specified in the RatePlanID is unpublished.

The attribute RatePlanNotifType is Remove and RatePlanNotifScopeType should be "RatePlanAndRate" specifies remove the Product which is specified in the RatePlanID.

NOTE: BaseProduct cannot be deleted but it can be bookable. When we delete a ProductElement of that BaseProduct, then it automatically deletes its respective BaseProduct also.

## Request a list of Product

```
1 <OTA_HotelDescriptiveInfoRQ [...] PrimaryLangID="en">
2   <HotelDescriptiveInfos>
3     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
4       <ContentInfos>
5
6         <ContentInfo Name="Product" />
7
8       <!-- To get the list of products with complete product information -->
9
10      <ContentInfo Name="ProductList"/>
11
12      <!-- Listing all products with basic product information like productId, name,
13           activation status. -->
14
15      <ContentInfo Name="Product" Code="73482"/>
16
17      <!-- To list the complete product information for a specific product (ProductID:73482)
18           is possible by the above xml fragment. -->
19
20      <ContentInfo Name="ProductsOfDistributor" Code="6484"/>
21
22      <!-- To filter the response for a specific distributor, ContentInfo->Name
23           should be "ProductsOfDistributor" -->
24
25    </ContentInfos>
26  </HotelDescriptiveInfo>
27 </HotelDescriptiveInfos>
28 </OTA_HotelDescriptiveInfoRQ>
```

**cultuzz.**

## Response

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3   Timestamp="2013-03-02T05:57:35"
4   TransactionIdentifier="0da7114d-f98a-4c64-a908-767a6b47472b-695129984"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent CurrencyCode="EUR" HotelCode="12400"
9       HotelName="CultSwitchDocHotel" LanguageCode="en">
10       <TPA_Extensions>
11         <RatePlans>
12           <RatePlan InventoryAllocatedInd="true"
13             MarketCode="11614" PromotionCode="3"
14             RatePlanCategory="1" RatePlanID="73482"
15             RatePlanStatusType="Deactivated" RatePlanType="11">
16             <Description Name="txt:name">
17               <Text Language="en"><![CDATA[Test Document Product]]></Text>
18             </Description>
19             <DestinationSystemCodes>
20               <DestinationSystemCode><![CDATA[1793]]></DestinationSystemCode>
21               <DestinationSystemCode><![CDATA[14368]]></DestinationSystemCode>
22               <DestinationSystemCode><![CDATA[14638]]></DestinationSystemCode>
23             </DestinationSystemCodes>
24             <BookingRules>
25               <BookingRule MaxAdvancedBookingOffset="P0Y13M12D"
26                 OffsetDuration="P2D" MinAdvancedBookingOffset="P0Y0M2D"
27                 Code="6" CodeContext="MinAdultOccupancy"
28                 MinTotalOccupancy="1" MaxTotalOccupancy="3" GenerallyBookable="1">
29               <AcceptableGuarantees>
30                 <AcceptableGuarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher">
31
32                 <!-- The attribute 'GuaranteeType' with value "CC/DC/Voucher" is required if the
33                      accommodation accepts Credit card or Debit card or a voucher as a Guarantee for booking.
34                 -->
35
36                 <GuaranteeDescription ParagraphNumber="3" Name="SourceOfGuaranteeType"/>
37
38               <!-- CultSwitch providing "Guarantee Type Switching" option while a Product creation
39                   and updation. Here, "ParagraphNumber" can be 1 or 2 or 3 as explained below.
40               1. Consider the Guarantee Type from Room.
41               2. Consider the Guarantee Type from Product
42               3. Consider the Guarantee Type best among the room and product.
43
44               CultSwitch treating the option 3 as default Guarantee Type. This will be applicable
45               for all existing products to provide backward compatibility.
46
47               If product is defined by the option 1 then Room Guarantee Type is applied for that product.
48               If product is defined by the option 2 then Product Guarantee Type is applied for that product.
49               If product is defined by the option 3 then the Guarantee Type will be assigned to the Product
50               as best among room and product Guarantee Types. -->
```

```

50 <!-- "Guarantee Type Switching" feature is available for the Requesting system only when asked
51 with the XML Request version equal to or higher than 3.3.1 (Version="3.31" or Version="3.32").
52 -->
53
54         </AcceptableGuarantee>
55     </AcceptableGuarantees>
56     </BookingRule>
57 </BookingRules>
58 </RatePlan>
59 <RatePlan InventoryAllocatedInd="true"
60     RatePlanCategory="3" RatePlanID="96115"
61     RatePlanStatusType="Deactivated" RatePlanType="11">
62     <Description Name="txt:name">
63         <Text Language="en"><![CDATA[test_ebayroom2]]></Text>
64     </Description>
65 </RatePlan>
66 <RatePlan>...</RatePlan>
67 </RatePlans>
68 </TPA_Extensions>
69 </HotelDescriptiveContent>
70 </HotelDescriptiveContents>
71 <TPA_Extensions>
72     <ResponseTime ProcessTime="4.835" RequestStartTime="2013-03-02 05:57:31.073"
73         ProcessTimeUnit="Seconds" ResponseEndTime="2013-03-02 05:57:35.908"/>
74 </TPA_Extensions>
75 </OTA_HotelDescriptiveInfoRS>

```

**cultuzz.**



### 5.7.13 Selling NonRoomElements as Products

A non-room element is also a ProductElement other than a room ProductElement. Example for Non-Room ProductElement are Breakfast, HalfBoard, etc.

#### Creating Non Room Product Element

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <OTA_HotelRatePlanNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2009-01-14T14:03:42" PrimaryLangID="de">
4   <POS>...</POS>
5   <RatePlans>
6     <RatePlan RatePlanType="11">
7       <BookingRules>
8         <BookingRule PriceViewable="true" QualifiedRateYN="true"/>
9       <!-- PriceViewable specifies whether to consider or not the price of this product
10        element for product price calculation with the product which contains this product
11        element.-->
12       <!-- QualifiedRateYN specifies whether to consider or not the validity of this product
13        element for product validity consideration with the product which contains this
14        product element.-->
15     </BookingRules>
16     <SellableProducts>...</SellableProducts>
17     <Rates>...</Rates>
18   </RatePlan>
19 </RatePlans>
20 </OTA_HotelRatePlanNotifRQ>
```

**cultuzz.**

#### Update, Active/Deactivated, Remove, Listing all NonRoom elements

##### A. Update

```
1 <RatePlan RatePlanType="11">
2   <SellableProduct IsRoom="false" InvNotifType="Overlay" InvStatusType ="Active">
3     <UniqueID Type="18" ID_Context="CltzCommonProductElement" ID="37474"/>
4     <GuestRoom>...</GuestRoom>
5     <Description >...</Description>
6   </SellableProduct>
7 </RatePlan>
```

##### B. Active/Deactivated

```
1 <RatePlan RatePlanType="11">
2   <SellableProduct IsRoom="false" InvNotifType="Overlay" InvStatusType ="Active/Deactivated">
3     <UniqueID Type="18" ID_Context="CltzCommonProductElement" ID="37474"/>
4     <GuestRoom>...</GuestRoom>
5     <Description >...</Description>
6   </SellableProduct>
7 </RatePlan>
```

##### C. Remove

```
1 <RatePlan RatePlanType="11" RatePlanNotifType="Remove">
2   <SellableProduct IsRoom="false" InvNotifType="Overlay" >
3     <UniqueID Type="18" ID_Context="CltzCommonProductElement" ID="37474"/>
4     <GuestRoom>...</GuestRoom>
5     <Description >...</Description>
6   </SellableProduct>
7 </RatePlan>
```

##### D. Listing all non room product elements of an accommodation

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2009-01-14T14:03:42" PrimaryLangID="de">
4   <POS>...</POS>
5   <HotelDescriptiveInfos>
6     <HotelDescriptiveInfo HotelCode="12400">
7       <ContentInfos>
```

---

```

8  <ContentInfo Name="ProductElementList" Code="0"/>
9  </ContentInfos>
10 </HotelDescriptiveInfo>
11 </HotelDescriptiveInfos>
12 </OTA_HotelDescriptiveInfoRQ>
13
14 <!-- The Code=0 attribute in ContentInfo element lists all the Non Room Product Element
15 associated with the requested accommodation -->

```

---

E. Requesting product element description of a particular element.

---

```

1  <ContentInfos>
2    <ContentInfo Name="ProductElement" Code="â&#x1E9;ElementID&#x1E9;" />
3  </ContentInfos>

```

---

## F.Consider/not Consider Validity and Price (HotelAvailRS)

We added one more ListItem to Rate element in HotelAvailRS. ListItem="1" Means non room product element is valid for the requested time span. If the non room product element doesn't have validity, then ListItem will become "0". The non room product element price will be included in the product price and will be delivered with Base element.

**<ListItem ListItem="1">ProductNonRoomValidity</ListItem>**

## G. Creating Room Element for non room products

At present we are allowing the products with atleast one room type and one or more non room elements. So, it is not possible to see Non Room Product Elements seperately. We need to create product with one Room-type Product Element and one or mor Non Room Product Elements within the product. But for Room Product Element we need to create NewRoom with following specification. This room type will be usefull as a base for all non room products of a particular hotel.

## H. Purpose of this room type

This feature allows to sell Non Room Elements in the form of product only. The product contains Room Element with unlimited availability and unlimited validity and with '0' price. Thus when calculating total price of product the final price becomes the price of Non Room Product Element (Room Product Element price '0 ' + Non Room Product Element price). Similarly validity of the product becomes the validity of Non Room Product Element. There should be one room type for each accommodation which will sell their non rooms alone.

**cultuzz.**

---

```

1  <SellableProducts>
2  <SellableProduct InvNotifType="New" IsRoom="true" InvTypeCode="3">
3  <GuestRoom>
4  <Description Name="NonRoomUnlimited ">
5  <ListItem Language="de" ListItem="9">updataion of the SellableProduct in De</ListItem>
6  <ListItem Language="fr" ListItem="9">Updataion of the SellableProduct in fr</ListItem>
7  </Description>
8  <Room Quantity="999" RoomTypeCode="38"/>
9  <RoomLevelFees>
10 <Fee Amount="0"/>
11 </RoomLevelFees>
12 </GuestRoom>
13 <Description Name="NonRoomUnlimited">
14 <ListItem Language="en" ListItem="7"><![CDATA[Description of the SellableProduct in
15 English ]]></ListItem>
16 </Description>
17 </SellableProduct>
18 </SellableProducts>

```

---

- 1.Create a Single Room by using the above request for a specific accommodation.
  - 2.Room should have unlimited quantity or availability (Quantity = "999").
  - 3.RoomTypeCode="38" specifies the new room type which has standard occupancy 100 and Named with "NewRoomUnlimited".
  - 4.The BasePrice ( <Fee Amount="0"/> ) should be '0'.
- Back to OTA-Messages : [Product Handling \(OTA\\_HotelRatePlanNotifRQ/RS\)](#)

## 5.8 OTA\_HotelSearchRQ/RS

### 5.8.1 Request Message (OTA\_HotelSearchRQ) for PMS

This message is requested by PMS (using PMS Credentials) to fetch the list of Objects connected to a specific Software and for all Softwares. And also the list of Objects created by specific PMS.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelSearchRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      TimeStamp="2006-10-17T09:30:47" Target="Production" Version="3.30"
4      PrimaryLangID="de" AltLangID="en-us" MaxResponses="1"
5      ResponseType="PropertyList">
6      <POS>
7          <Source AgentSine="XXXX" AgentDutyCode="XXXXX">
8              <BookingChannel Type="4"/>
9          </Source>
10     </POS>
11
12     <!-- Requesting the list of Objects created by PMS.-->
13
14     <Criteria>
15     </Criteria>
16
17
18     <!-- OR -->
19     <!-- Requesting the list of Objects connected to all softwares of the given PMS.-->
20
21     <Criteria>
22         <Criterion/>
23     </Criteria>
24
25     <!-- OR -->
26     <!-- Requesting the list of Objects connected to specific Software ID of the given PMS.-->
27
28     <Criteria>
29         <Criterion InfoSource="XX"/>
30     </Criteria>
31     <!-- Here InfoSource="XX" indicates Software ID. -->
32
33     </Criteria>
34 </OTA_HotelSearchRQ>
```

**cultuazz.**

### 5.8.2 Response Message (OTA\_HotelSearchRS) for PMS

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelSearchRS PrimaryLangID="de" TimeStamp="2013-09-03T09:45:06"
3      TransactionIdentifier="97923ba8-a820-44e4-92fb-2af1f11ed35b-85346226"
4      Version="3.20" xmlns="http://www.opentravel.org/OTA/2003/05">
5      <Success/>
6      <Properties>
7          <Property HotelCode="122" HotelCodeContext="CLTZ" HotelName="Ananth Hotels Pvt Ltd">
8              <Address FormattedInd="false">
9                  <StreetNmbr><![CDATA[test street]]></StreetNmbr>
10                 <CityName><![CDATA[test city]]></CityName>
11                 <PostalCode><![CDATA[123123]]></PostalCode>
12                 <StateProv><![CDATA[Berlin]]></StateProv>
13                 <CountryName><![CDATA[Deutschland]]></CountryName>
14             </Address>
15             <Services>
16                 <Service>
17                     <Description ContentData="Online" Name="BookingService"/>
18                 </Service>
19             </Services>
20         </Property>
21         <Property HotelCode="12400" HotelCodeContext="CLTZ" HotelName="CultSwitchDocHotel">
22             <Address FormattedInd="false">
23                 <StreetNmbr><![CDATA[Oberlandshaag 72]]></StreetNmbr>
24                 <CityName><![CDATA[Feldkirchen/Aschach-Donau]]></CityName>
25                 <PostalCode><![CDATA[4101]]></PostalCode>
26                 <StateProv><![CDATA[Salzburg]]></StateProv>
27                 <CountryName><![CDATA[Österreich]]></CountryName>
28             </Address>
29             <Services>
30                 <Service>
31                     <Description ContentData="Online" Name="BookingService"/>
32                 </Service>
33             </Services>
```

```

34 </Property>
35 <Property HotelCode="38113" HotelCodeContext="CLTZ" HotelName="The Tendulkar's">
36   <Address FormattedInd="false">
37     <StreetNmbr><![CDATA[Cultuzz Building, Akkayyapalem]]></StreetNmbr>
38     <CityName><![CDATA[Visakhapatnam]]></CityName>
39     <PostalCode><![CDATA[530016]]></PostalCode>
40     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
41     <CountryName><![CDATA[Indien]]></CountryName>
42   </Address>
43   <Services>
44     <Service>
45       <Description ContentData="Offline" Name="BookingService"/>
46     </Service>
47   </Services>
48 </Property>
49 <Property HotelCode="38135" HotelCodeContext="CLTZ" HotelName="The hjhuih's">
50   <Address FormattedInd="false">
51     <StreetNmbr><![CDATA[Cultuzz Building, Akkayyapalem]]></StreetNmbr>
52     <CityName><![CDATA[Visakhapatnam]]></CityName>
53     <PostalCode><![CDATA[530016]]></PostalCode>
54     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
55     <CountryName><![CDATA[Indien]]></CountryName>
56   </Address>
57   <Services>
58     <Service>
59       <Description ContentData="Offline" Name="BookingService"/>
60     </Service>
61   </Services>
62 </Property>
63 <Property HotelCode="38137" HotelCodeContext="CLTZ" HotelName="The hrtyrt's">
64   <Address FormattedInd="false">
65     <StreetNmbr><![CDATA[Cultuzz Building, Akkayyapalem]]></StreetNmbr>
66     <CityName><![CDATA[Visakhapatnam]]></CityName>
67     <PostalCode><![CDATA[530016]]></PostalCode>
68     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
69     <CountryName><![CDATA[Indien]]></CountryName>
70   </Address>
71   <Services>
72     <Service>
73       <Description ContentData="Offline" Name="BookingService"/>
74     </Service>
75   </Services>
76 </Property>
77 <Property HotelCode="38356" HotelCodeContext="CLTZ" HotelName="CultSwitchDocHotel">
78   <Address FormattedInd="false">
79     <StreetNmbr><![CDATA[DwarakaNagar 3rd Lane]]></StreetNmbr>
80     <CityName><![CDATA[Visakhapatnam]]></CityName>
81     <PostalCode><![CDATA[530016]]></PostalCode>
82     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
83     <CountryName><![CDATA[Indien]]></CountryName>
84   </Address>
85   <Services>
86     <Service>
87       <Description ContentData="Offline" Name="BookingService"/>
88     </Service>
89   </Services>
90 </Property>
91 <Property HotelCode="38357" HotelCodeContext="CLTZ" HotelName="CultSwitchDocHotel">
92   <Address FormattedInd="false">
93     <StreetNmbr><![CDATA[DwarakaNagar 3rd Lane]]></StreetNmbr>
94     <CityName><![CDATA[Visakhapatnam]]></CityName>
95     <PostalCode><![CDATA[530016]]></PostalCode>
96     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
97     <CountryName><![CDATA[Indien]]></CountryName>
98   </Address>
99   <Services>
100     <Service>
101       <Description ContentData="Offline" Name="BookingService"/>
102     </Service>
103   </Services>
104 </Property>
105 <Property HotelCode="38358" HotelCodeContext="CLTZ" HotelName="CultSwitchDocHotel">
106   <Address FormattedInd="false">
107     <StreetNmbr><![CDATA[DwarakaNagar 3rd Lane]]></StreetNmbr>
108     <CityName><![CDATA[Visakhapatnam]]></CityName>
109     <PostalCode><![CDATA[530016]]></PostalCode>
110     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
111     <CountryName><![CDATA[Indien]]></CountryName>
112   </Address>
113   <Services>
114     <Service>
115       <Description ContentData="Offline" Name="BookingService"/>
116     </Service>
117   </Services>
118 </Property>
119 <Property HotelCode="38371" HotelCodeContext="CLTZ" HotelName="CRC Demo Test object">
120   <Address FormattedInd="false">

```

**cultuzz.**

```

121         <StreetNmbr><![CDATA[test]]></StreetNmbr>
122         <CityName><![CDATA[testing]]></CityName>
123         <PostalCode><![CDATA[2824382748]]></PostalCode>
124         <StateProv><![CDATA[Bangladesh]]></StateProv>
125         <CountryName><![CDATA[Bangladesh]]></CountryName>
126     </Address>
127     <Services>
128         <Service>
129             <Description ContentData="Offline" Name="BookingService"/>
130         </Service>
131     </Services>
132 </Property>
133 </Properties>
134 <TPA_Extensions>
135     <ResponseTime ProcessTime="0.725" ProcessTimeUnit="Seconds"
136     RequestStartTime="2013-09-03 09:45:06.288" ResponseEndTime="2013-09-03 09:45:07.013"/>
137 </TPA_Extensions>
138 </OTA_HotelSearchRS>

```

Back to OTA-Messages : [Accommodation Search \(OTA\\_HotelSearchRQ/RS\)](#)

### 5.8.3 Request Message (OTA\_HotelSearchRQ) for Distributors

The HotelSearchRequest message provides the ability to search for a list of accommodation properties that meet specified criteria. This request is often used as a 'wide area search', because it typically searches for a list of accommodations within a geographic area. Further more this message provides elements to restrict the returned accommodation list with selected search criteria referring to the required accommodation facilities and services. The CultSwitch accepts only one Criterion-element at maximum. If no Criterion is sent, all accommodations which are connected with the OTA Agent, which are generated the request, will be part of the response list.

**cultuazz.**

```

1 <OTA_HotelSearchRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2   Timestamp="2011-07-11T12:22:28" Target="Production"
3   Version="3.30" PrimaryLangID="de">
4   <POS>...</POS>
5
6   <!-- The main element defines the request. The OTA-name range will be defined via the
7   xmlns attribute. The version is obligatory and the timestamp specifies when the
8   request was generated. GMT is always expected. With the PrimaryLangID, the
9   default language for any response text is defined. The Criterion-Container within
10  the Criteria-Element holds all search values. -->
11
12  <Criteria>
13    <Criterion ExactMatch="1" ImportanceType="Mandatory">
14      <Address FormattedInd="false">
15
16      <!-- The optional Address container holds the geographical search criteria. -->
17
18      <!-- The attribute 'FormattedInd' is false, while search criteria is based on
19      specified tag like only 'CityName' or only 'CountryName' .-->
20
21      <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
22      <CityName><![CDATA[Visakhapatnam]]></CityName>
23      <PostalCode><![CDATA[530016]]></PostalCode>
24      <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
25      <CountryName Code="in"/>
26    </Address>
27    <HotelAmenity Code="173" />
28    <RoomAmenity RoomAmenity="7" />
29    <Award Rating="2" />
30  </Criterion>
31 </Criteria>
32 </OTA_HotelSearchRQ>

```

### 5.8.4 Response Message (OTA\_HotelSearchRS) for Distributors

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelSearchRS PrimaryLangID="de" Timestamp="2011-07-11T12:22:28"
3   TransactionIdentifier="73312ae6-043e-4a22-af7f-233ab9614838--341411944"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <Properties>

```

```

7
8 <!-- All the accommodations matched with the previous request will be listed within the
9 Properties container. Each of them with its separate 'Property' element is holding
10 the master data of the accommodation. -->
11
12 <Property HotelCode="12400" HotelCodeContext="CLTZ" HotelName="Cultuzz">
13   <VendorMessages>
14     <VendorMessage InfoType="1" Title="object description">
15       <SubSection>
16         <Paragraph Language="de">
17           <Text><![CDATA[This is a multi-national hotel providing all
18             the types of facilities including Sea view ]]></Text>
19
20         </Paragraph>
21         <Paragraph Language="en">
22           <Text><![CDATA[CultSwitchDocHotel is a hotel]]></Text>
23         </Paragraph>
24         <Paragraph Language="en">
25           <Text><![CDATA[Taxes will be included at the time of
26             billing]]></Text>
27         </Paragraph>
28         <Paragraph Language="en">
29           <Text><![CDATA[Landmark for the hotel is Reliance Departmental
30             Store]]></Text>
31
32         </Paragraph>
33         <Paragraph Language="en">
34           <Text><![CDATA[Hotel situated at 10kms north from the city
35             main road]]></Text>
36         </Paragraph>
37         <Paragraph Language="en">
38           <Text><![CDATA[Don't spoil hotel related furniture and
39             things]]></Text>
40         </Paragraph>
41       </SubSection>
42     </VendorMessage>
43   </VendorMessages>
44   <Address FormattedInd="false">
45     <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
46     <CityName><![CDATA[Visakhapatnam]]></CityName>
47     <PostalCode><![CDATA[530016]]></PostalCode>
48     <StateProv><![CDATA[Andhra Pradesh]]></StateProv>
49     <CountryName Code="in"/>
50   </Address>
51   <ContactNumbers>
52     <ContactNumber PhoneNumber="+49 (30) 726225-0"/>
53   </ContactNumbers>
54   <Award Rating="5"/>
55 </Property>
56 </Properties>
57 <TPA_Extensions>
58   <ResponseTime ProcessTime="0.154" ProcessTimeUnit="Seconds"
59     RequestStartTime="2011-07-11 12:22:28.624"
60     ResponseEndTime="2011-07-11 12:22:28.778"/>
61 </TPA_Extensions>
62 </OTA_HotelSearchRS>

```

**cultuzz.**

Back to OTA-Messages : [Accommodation Search \(OTA\\_HotelSearchRQ/RS\)](#)

## 5.9 OTA\_HotelAvailRQ/RS

### 5.9.1 Request Message (OTA\_HotelAvailRQ) for PMS

This message is requested by PMS (using PMS Credentials) for fetching the exact availability and price information \*as it is\* from CultSwitch database without any modifications to it. This is most typically used by PMS to cross check the availability and prices present in CultSwitch with that of the availability and prices present in their system.

---

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3      TimeStamp="2011-07-25T12:39:21" PrimaryLangID="de">
4      <POS>...</POS>
5      <AvailRequestSegments>
6          <AvailRequestSegment ResponseType="RateInfoDetails" InfoSource="MyPersonalStay">
7
8              <!-- There can be multiple 'AvailRequestSegment' elements, each distinguished with
9                  its own value for the attribute "InfoSource". The value could be a personal
10                 choice of the requester -->
11
12                 <StayDateRange Start="2012-02-01" End="2012-02-03"/>
13
14                 <!-- The dates for which the availability or pricing information is required, needs
15                     to be specified with the element StayDateRange. The attributes 'Start' and
16                     'End' specifies the date range with an exception that the date mentioned in
17                     'End' is excluded. For ex: if the request is from 'Start=2011-08-02' to
18                     'End=2011-08-04', the availability and pricing information is only given for
19                     dates 2011-08-02 and 2011-08-03 but not for 2011-08-04. -->
20
21                 <RoomStayCandidates>
22                     <RoomStayCandidate RoomTypeCode="27236">
23
24                         <!-- Optionally, if the availability and pricing information is only required for
25                             one room type, then the element 'RoomStayCandidate' could be used with the
26                             attribute 'RoomTypeCode' containing the value of the required InvCode (room
27                             code). -->
28
29                         <!-- Please note that, multiple 'RoomStayCandidate' elements can be used for multiple
30                             room types, however, the dates mentioned within the 'StayDateRange' is common
31                             for all these room types. If a different date range is required for different
32                             room types, then please use multiple 'AvailRequestSegment' elements for each
33                             Stay date range. -->
34
35                         <!-- If the 'RoomStayCandidates' element is ignored, then the availability and
36                             pricing information is returned for all the room types present for this
37                             particular accommodation Code (Object). -->
38
39                     </RoomStayCandidate>
40                 </RoomStayCandidates>
41             </AvailRequestSegment>
42         </AvailRequestSegments>
43     </OTA_HotelAvailRQ>
```

---

**cultuazz.**

### 5.9.2 Response Message (OTA\_HotelAvailRS) for PMS

---

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailRS PrimaryLangID="de" Target="Production"
3      TimeStamp="2011-07-05T11:07:43"
4      TransactionIdentifier="20e1961a-c244-4dea-8b04-9d410b28d2fe--478547445"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <RoomStays>
8          <RoomStay InfoSource="MyPersonalStay">
9              <RoomTypes>
10                 <RoomType RoomTypeCode="27236">
11                     <RoomDescription Name="My SingleBedRoom"/>
12                     <AdditionalDetails>
13                         <AdditionalDetail Code="7" Type="4"/>
14                     </AdditionalDetails>
15
16                     <!-- The RoomType element contains typically the static information of the requested
17                         room. Each requested room type will have its own 'RoomType' container element
18                         identified by the attribute 'RoomTypeCode'. -->
19
16                 </RoomType>
17             </RoomTypes>
18             <RoomRates>
19                 <RoomRate RoomTypeCode="27236">
```

```

24
25 <!-- The RoomRate element typically contains the dynamic information of the requested
26 room. Each requested Room type will have its own 'RoomRate' container element
27 identified by the attribute 'RoomTypeCode'. -->
28
29 <Rates>
30 <Rate Duration="1" EffectiveDate="2012-02-02"
31 MaxLOS="888" MinLOS="3" NumberOfUnits="12" RateSource="0">
32
33 <!-- For each requested date within the StayDateRange, there will be a dedicated
34 'Rate' element containing the dynamic information for the requested room, for
35 this particular date identified by the attribute 'EffectiveDate'. For example,
36 if the StayDateRange is requested between '2012-02-01' and '2011-01-03' (end
37 date excluded), then there would be two 'Rate' elements one for '2012-02-01'
38 and the second for '2012-02-02'. -->
39
40 <!-- The value specified with "NumberOfUnits" (here 12) is the actual snapshot of
41 the value for the availability of this room, for this date in the CultSwitch
42 database. Please remember that, the NumberOfUnits should be cross checked with
43 the Guaranteed Allotment value (specified below), before pushing in any
44 availability to the CultSwitch. -->
45
46 <!-- The MaxLOS and MinLOS are the Length of Stay attributes of this room, for this
47 date. -->
48
49 <RateDescription LastModifyDateTime="2011-07-05T00:00:00"
50 Name="AvailabilityReport"/>
51 <ListItem ListItem="3"><![CDATA[GuaranteedAllotment_11_HotelClub
52 RatesToGo]]></ListItem>
53 <ListItem ListItem="3"><![CDATA[Minimum required availability
54 based on Guaranteed Allotment]]></ListItem>
55 <ListItem ListItem="1"><![CDATA[ArrivalDayAvail]]></ListItem>
56 <ListItem ListItem="1"><![CDATA[DepartureDayAvail]]></ListItem>
57
58 <!-- The value specified with attribute 'LastModifyDateTime' is the time at which
59 the last update has come from the requesting PMS. -->
60
61 </RateDescription>
62 <Base AmountAfterTax="666.00" CurrencyCode="EUR"/>
63 <CancelPolicies>
64 <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="49">
65 <Deadline OffsetDropTime="BeforeArrival"
66 OffsetTimeUnit="Day" OffsetUnitMultiplier="15"/>
67 <AmountPercent BasisType="FullStay" NmbrOfNights="1" Percent="40.00"/>
68 </CancelPenalty>
69 <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="12">
70 <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="30"
71 OffsetDropTime="BEFORE_ARRIVAL"/>
72 <AmountPercent NmbrOfNights="1" BasisType="FULL_STAY" Percent="30"/>
73 </CancelPenalty>
74 <CancelPenalty ConfirmClassCode="NoShowPolicy" PolicyCode="542">
75 <Deadline/>
76 <AmountPercent BasisType="FullStay"
77 NmbrOfNights="1" Percent="40.00"/>
78 </CancelPenalty>
79 </CancelPolicies>
80 <GuaranteePolicies>
81 <GuaranteePolicy GuaranteeCode="5" GuaranteeType="Deposit"/>
82 </GuaranteePolicies>
83 <PaymentPolicies>
84 <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
85 PolicyCode="49">
86 <AmountPercent Amount="15"/>
87 <Deadline OffsetTimeUnit="FullDuration" OffsetUnitMultiplier="1"/>
88 </GuaranteePayment>
89 </PaymentPolicies>
90 <Fees>
91 <Fee Code="16" Amount="45" DecimalPlaces="2" RPH="WeekDaySupplements"/>
92 </Fees>
93 <TPA_Extensions>
94 <BaseByGuestAmts>
95 <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="40.00" Code="PP"
96 CurrencyCode="EUR" AgeQualifyingCode="10" DecimalPlaces="2" />
97 <BaseByGuestAmt AmountAfterTax="30.00" CurrencyCode="EUR"
98 DecimalPlaces="2"/>
99 <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00"
100 CurrencyCode="EUR" DecimalPlaces="2" Code="NET"/>
101 <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00"
102 CurrencyCode="EUR" DecimalPlaces="2" Code="OTHER"/>
103 <BaseByGuestAmt NumberOfGuests="1" AmountAfterTax="56.40"
104 CurrencyCode="EUR" MinAge="0" MaxAge="10"
105 DecimalPlaces="2" Code="CD" Type="50" />
106
107 <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="76.40"
108 CurrencyCode="EUR" MinAge="0" MaxAge="10"
109 DecimalPlaces="2" Code="CD" Type="50"/>
110 </BaseByGuestAmts>

```

**cultuzz.**



```

111     <Rate RateTier="1">
112         <RateDescription Name="BasePriceCalculationLogic"/>
113     </Rate>
114     <Rate RateTier="1">
115         <RateDescription Name="StayPolicy"/>
116     </Rate>
117     <Rate RateTier="1">
118         <RateDescription Name="StaySupplementApply"/>
119     </Rate>
120     <Rate Duration="P3D">
121         <RateDescription Name="LongStayDiscount"/>
122         <Fees>
123             <Fee Amount="4.00" Code="24"/>
124         </Fees>
125     </Rate>
126     <Rate Duration="P2D">
127         <RateDescription Name="ShortStaySurcharge"/>
128         <Fees>
129             <Fee Amount="3.00" Code="24"/>
130         </Fees>
131     </Rate>
132 </TPA_Extensions>
133 </Rate>
134 <Rate Duration="1" EffectiveDate="2012-02-01"
135     MaxLOS="888" MinLOS="3" NumberOfUnits="12" RateSource="0">
136     <RateDescription
137         LastModifyDateTime="2011-07-05T00:00:00" Name="AvailabilityReport">
138         <ListItem ListItem="3"><![CDATA[GuaranteedAllotment_11_HotelClub
139             RatesToGo]]></ListItem>
140         <ListItem ListItem="3"><![CDATA[Minimum required availability
141             based on Guaranteed Allotment]]></ListItem>
142         <ListItem ListItem="1"><![CDATA[ArrivalDayAvail]]></ListItem>
143         <ListItem ListItem="1"><![CDATA[DepartureDayAvail]]></ListItem>
144     </RateDescription>
145     <Base AmountAfterTax="666.00" CurrencyCode="EUR"/>
146     <CancelPolicies>
147         <CancelPenalty ConfirmClassCode="CancelPolicy">
148             <Deadline OffsetDropTime="BeforeArrival"
149                 OffsetTimeUnit="Day" OffsetUnitMultiplier="15"/>
150             <AmountPercent BasisType="FullStay"
151                 NmbrOfNights="1" Percent="40.00"/>
152         </CancelPenalty>
153         <CancelPenalty ConfirmClassCode="CancelPolicy">
154             <Deadline OffsetDropTime="BeforeArrival"
155                 OffsetTimeUnit="Day" OffsetUnitMultiplier="30"/>
156             <AmountPercent BasisType="FullStay"
157                 NmbrOfNights="1" Percent="60.00"/>
158         </CancelPenalty>
159         <CancelPenalty ConfirmClassCode="NoShowPolicy">
160             <Deadline/>
161             <AmountPercent BasisType="FullStay"
162                 NmbrOfNights="1" Percent="40.00"/>
163         </CancelPenalty>
164     </CancelPolicies>
165     <GuaranteePolicies>
166         <GuaranteePolicy GuaranteeCode="5" GuaranteeType="Deposit"/>
167     </GuaranteePolicies>
168     <PaymentPolicies>
169         <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
170             PolicyCode="49">
171             <AmountPercent Amount="15"/>
172             <Deadline OffsetTimeUnit="FullDuration" OffsetUnitMultiplier="1"/>
173         </GuaranteePayment>
174     </PaymentPolicies>
175     <Fees>
176         <Fee Code="24" Percent="5" DecimalPlaces="2" RPH="WeekDaySupplements"/>
177     </Fees>
178 </TPA_Extensions>
179 <BaseByGuestAmts>
180     <BaseByGuestAmt AmountAfterTax="30.00" CurrencyCode="EUR"
181         DecimalPlaces="2" Code="ChildBasePrice"/>
182     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="55.00"
183         CurrencyCode="EUR" AgeQualifyingCode="10"
184         DecimalPlaces="2" Code="PP" Type="1"/>
185     <BaseByGuestAmt AmountAfterTax="30.00" CurrencyCode="EUR"
186         DecimalPlaces="2"/>
187     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00"
188         CurrencyCode="EUR" DecimalPlaces="2" Code="NET"/>
189     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="60.00"
190         CurrencyCode="EUR" DecimalPlaces="2" Code="OTHER"/>
191     <BaseByGuestAmt NumberOfGuests="1" AmountAfterTax="56.40"
192         CurrencyCode="EUR" MinAge="0" MaxAge="10"
193         DecimalPlaces="2" Code="CD" Type="50"/>
194     <BaseByGuestAmt NumberOfGuests="2" AmountAfterTax="76.40"
195         CurrencyCode="EUR" MinAge="0" MaxAge="10"
196         DecimalPlaces="2" Code="CD" Type="50"/>
197 </BaseByGuestAmts>

```

**cultuzz.**

```

198         <Rate RateTier="1">
199             <RateDescription Name="BasePriceCalculationLogic"/>
200         </Rate>
201         <Rate RateTier="1">
202             <RateDescription Name="BasePriceCalculationLogic"/>
203         </Rate>
204         <Rate RateTier="1">
205             <RateDescription Name="StayPolicy"/>
206         </Rate>
207         <Rate RateTier="1">
208             <RateDescription Name="StaySupplementApply"/>
209         </Rate>
210         <Rate Duration="P3D">
211             <RateDescription Name="LongStayDiscount"/>
212             <Fees>
213                 <Fee Amount="4.00" Code="24"/>
214             </Fees>
215         </Rate>
216         <Rate Duration="P2D">
217             <RateDescription Name="ShortStaySurcharge"/>
218             <Fees>
219                 <Fee Amount="3.00" Code="24"/>
220             </Fees>
221         </Rate>
222         <Rate Sun="True" Sat="False" Fri="False" Thur="False" Weds="False"
223             Tue="False" Mon="False">
224
225         <!--Availability Blocking: Accommodation can block the availability for the weekdays
226             for a given particular room by the above xml. 'Name' attribute should always be as
227             'AvailableDays' to achieve availability blocking.-->
228
229             <RateDescription Name="AvailableDays"/>
230         </Rate>
231     </TPA_Extensions>
232 </Rate>
233 </Rates>
234 </RoomRate>
235 </RoomRates>
236 </RoomStay>
237 </RoomStays>
238 <TPA_Extensions>
239     <ResponseTime ProcessTime="0.028" ProcessTimeUnit="Seconds"
240         RequestStartTime="2011-07-05 11:07:43.526"
241         ResponseEndTime="2011-07-05 11:07:43.554"/>
242 </TPA_Extensions>
243 </OTA_HotelAvailRS>

```

**cultuzz.**

---

Back to OTA-Messages : [Availability Request \(OTA\\_HotelAvailRQ/RS\)](#)

### 5.9.3 Request Message (OTA\_HotelAvailRQ) for Distributors

This message can be used for getting the available rooms and available [products](#). Requesting for available products is done in a simple way. Just define a <RatePlanCandidate> with attribute RatePlanType="11". RatePlanType of value "11" determines packages, using the defined RatePlanTypeCode within the [OTA-CodeTable](#) (RPT) or in our terms "products" to be searched.

If the product-ID of the product which is to be requested is set in the attribute [RatePlanID](#) of the 'RatePlanCandidate'. In this case, only the availability of the specified product will be returned in OTA\_HotelAvailRS.

If there is no RatePlanCandidate present in the request with RatePlanType of value "11", this is considered to be the request for available rooms but not products.

**cultuzz.**

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3      TimeStamp="2011-07-12T05:59:49" PrimaryLangID="de">
4      <POS>...</POS>
5      <AvailRequestSegments>
6
7      <!-- With OTA_HotelAvailRQ, now it is possible to request for multiple search
8           criteria with multiple 'AvailRequestSegment' elements. The attribute 'InfoSource'
9           with any unique user-defined text within the request identifies each criteria.
10          The response returned with OTA_HotelAvailRS is distinguished with the same
11          InfoSource identifier text, present in a 'RoomStay' element. -->
12
13      <!-- For any request, a specific booking period is obligatory. There is a special
14           optional attribute 'ResponseType' with value "RateInfoDetails". If this is
15           present in the request, then CultSwitch will provide daily based rates as
16           present in its database without applying any rules like minimum stay, arrival
17           days etc. CultSwitch will also describe the room availability
18           based on all the constraints describing each constraint, in its response. -->
19
20      <AvailRequestSegment ResponseType="RateInfoDetails" InfoSource="MyPersonalStay">
21          <StayDateRange Start="2011-09-02" End="2011-09-04"/>
22          <RatePlanCandidates>
23
24          <!-- For compatibility reasons we use the following element to specify that the
25               request is asking for products. With this element the request is only for
26               the specific product identified. -->
27
28              <RatePlanCandidate RatePlanType="11" RatePlanID="73482"/>
29
30          <!-- In case you want to ask only for a specific product, you may use the
31               RatePlanCode also, like ex: <RatePlanCandidate RatePlanID="5468"
32               RatePlanType="11"/> -->
33
34          </RatePlanCandidates>
35          <RoomStayCandidates>
36              <RoomStayCandidate Quantity="3">
37
38              <!-- By default, CultSwitch will calculate prices per unit bases for the requested
39                   guest count. If 'Quantity' attribute specifies the number of units, then the
40                   resultant price can be calculated for the requested quantity and for the
41                   requested guest count. -->
42
43              <GuestCounts>
44                  <GuestCount AgeQualifyingCode="10" Count="2"/>
45                  <GuestCount Age="10" Count="10"/>
46              </GuestCounts>
47              </RoomStayCandidate>
48          </RoomStayCandidates>
49          <HotelSearchCriteria>
50              <Criterion>
51                  <HotelRef HotelCode="12400" HotelCodeContext="CLTZ">
52                  </HotelRef>
53              </Criterion>
54
55              <!-- To get the Availabilities of multiple objects, use multiple 'Criterion' elements
56
57              <Criterion>
58                  <HotelRef HotelCode="15467" HotelCodeContext="CLTZ">
59                  </HotelRef>
60              </Criterion>
61
62          <!-- Availability with fixed Guest count:
63               By default, when the availability is requested from CultSwitch for X
64               number of guests, CultSwitch will always provide rates/products which
65               have occupancies less than or equal to X. However, using the below
```

```

66      Criterion, Response will contain products which can allow the exact
67      guest count given in Criterion element. Which means, if the request is
68      for X number of guests, then CultSwitch should provide rates/products
69      which are having exact occupancy of X. -->
70
71      <Criterion ExactMatch="true">
72
73      <!--Global Criterion which will be applicable to all Objects of this request-->
74
75      <RoomStayCandidates>
76      <RoomStayCandidate>
77      <GuestCounts>
78      <GuestCount AgeQualifyingCode="10" Count="4"/>
79
80      <!-- If both attributes 'Age' and 'AgeQualifyingCode' are specified within the
81      'GuestCount' element, then only the attribute 'Age' is considered and the
82      attribute 'AgeQualifyingCode' is ignored. -->
83
84      </GuestCounts>
85      </RoomStayCandidate>
86      </RoomStayCandidates>
87      </Criterion>
88
89      <!-- If the HotelCode is given under the HotelRef element, the this guest
90      count Criterion will applicable to only for this Object. -->
91
92      </HotelSearchCriteria>
93      <TPA_Extensions>
94      <RatePlans>
95      <RatePlan MarketCode="11614"/>
96
97      <!-- DistributorID is specified in the 'MarketCode' attribute. To get availability,
98      without splitting the room availability, across different products of the room
99      type (i.e Product based room availability) . -->
100
101      </RatePlans>
102      <UniqueID ID_Context="ProductAllotment" Type="18"
103      ID="AvailabilityWithoutProductAllotment" />
104      </TPA_Extensions>
105      </AvailRequestSegment>
106      <AvailRequestSegment InfoSource="MyOfficalStay">
107
108      <!-- Another AvailRequestSegment with different search criteria. -->
109
110      <StayDateRange Start="2011-10-02" End="2011-10-04"/>
111      <RatePlanCandidates>
112      <RatePlanCandidate RatePlanCode="gtj5GC4x" RatePlanType="4"/>
113
114      <!-- The RatePlan elements include possible special rates also. A preferred rate is
115      actually identified by an individual key which is stored in the attribute
116      'RatePlanCode'. Then the availability contains all rooms that are allocated
117      with that respective rate. The value of the attribute refers to the
118      'RatePlanType' OTA-CodeTable (RPT) -->
119
120      <!-- The attribute 'RatePlanType' with value "4" specifies that this is a corporate
121      rate. While specifying corporate rates, the attribute 'RatePlanCode' needs to
122      be specified with a pre-defined code. The request above is limited to the named
123      corporate rate 'gtj5GC4x'. -->
124
125      <RatePlanCandidate RatePlanType="11"/>
126      <RatePlanCandidates/>
127      <RoomStayCandidates>
128      <RoomStayCandidate>
129      <GuestCounts>
130      <GuestCount AgeQualifyingCode="10" Count="2"/>
131      <GuestCount Age="6" Count="1"/>
132      </GuestCounts>
133      </RoomStayCandidate>
134      </RoomStayCandidates>
135      <TPA_Extensions>
136      <RatePlans>
137      <RatePlan MarketCode="11614"/>
138      </RatePlans>
139      <UniqueID ID_Context="ProductAllotment" Type="18"
140      ID="AvailabilityWithoutProductAllotment" />
141      <UniqueID ID_Context="ResponseContains" Type="18" ID="1" />
142
143      <!-- ID holds value as per the table PriceCalculationInfo and the response will be
144      generated in accordance with the value given under ID attribute. -->
145
146      </TPA_Extensions>
147      </AvailRequestSegment>
148      </AvailRequestSegments>
149      </OTA_HotelAvailRQ>

```

**cultuzz.**

## 5.9.4 Response Message (OTA\_HotelAvailRS) for Distributors

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailRS PrimaryLangID="de" Target="Production"
3      Timestamp="2011-07-12T05:59:49"
4      TransactionIdentifier="1011e426-dd9c-422e-a76a-30fb2464c1b9--2104669973"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <RoomStays>
8          <RoomStay InfoSource="MyPersonalStay">
9              <RoomTypes>
10                 <RoomType RoomTypeCode="27236">
11
12                     <RoomDescription Name="My SingleBedRoom">
13                         <Text><![CDATA[A sample SingleRoom which have microwave
14                             with beach view ]]></Text>
15
16                     </RoomDescription>
17                     <AdditionalDetails>
18                         <AdditionalDetail Code="7" Type="4"/>
19                     </AdditionalDetails>
20                 </RoomType>
21
22                 <!-- As an anchor for product description, we deliver an additional <RoomType> for
23                     each product. -->
24
25                 <RoomType IsRoom="false" NumberOfUnits="12" RoomTypeCode="PD73482"/>
26
27                 <!-- Here, we provide the information about the (NumberOfUnits="12") no. of units of
28                     the products available. With the attribute 'RoomTypeCode' with "PD3716" or
29                     "PD3739", we had further description about product price within the following
30                     <RoomRate>-list with the same value for RoomTypeCode. As you can see, this value
31                     builds from the prefix "PD" and the product-ID (73482). This reference has no
32                     meaning outside this response. -->
33
34                 <!-- By defining the attribute IsRoom="false", we indicate that RoomTypeCode
35                     holds a non-room element. -->
36
37                 </RoomTypes>
38                 <RatePlans>
39                     <RatePlan RatePlanID="73482" RatePlanName="Test Document Product"
40                         RatePlanType="11">
41
42                         <!-- The detailed information for each product (besides its price) is delivered by a
43                             <RatePlan>. -->
44
45                         <!-- For instance, the <RatePlan> for the product is determined by the
46                             RatePlanID="73482" and the RatePlanType="11" is must. -->
47
48                         <!-- A short description of the product is delivered by RatePlanName attribute. -->
49
50                         <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
51                         <AdditionalDetails>
52
53                         <!-- A list of <Image> and a list of <URL> are provided via the <AdditionalDetails>.
54
55                         <AdditionalDetail Type="12">
56                             <DetailDescription Language="de" Name="layout">
57                                 <Image> <![CDATA[http://extweb.cultuzz.de/ /img_24538.jpg]]></Image>
58                                 or
59                                 <URL><![CDATA[http://www.cultuzz.de]]></URL>
60                             </DetailDescription>
61                         </AdditionalDetail>
62
63                         <!-->
64
65                         <RatePlanDescription/>
66
67                         <!-- Within the <RatePlanDescription> we can find more detailed information about the
68                             product. This description consists a list of describing text for different
69                             languages (see attribute language=" "). -->
70
71                         <CancelPenalties>
72                             <CancelPenalty ConfirmClassCode="CancelPolicy" PolicyCode="1">
73                                 <Deadline OffsetDropTime="BeforeArrival"
74                                     OffsetTimeUnit="day" OffsetUnitMultiplier="1"/>
75                                 <AmountPercent BasisType="FullStay"/>
76                             </CancelPenalty>
77                             <CancelPenalty ConfirmClassCode="NoShowPolicy"
78                                 PolicyCode="1">
79                                 <AmountPercent BasisType="Nights"
80                                     NbrOfNights="1"/>
81                             </CancelPenalty>
```

**cultuzz.**

```

80         </CancelPenalties>
81
82         <!-- As a part of each available product, we deliver the relevant cancellation
83              conditions within the <CancelPenalty> element.-->
84
85         <MealsIncluded Breakfast="true" MealPlanCodes="[11]" />
86
87         <!-- MealPlanCodes holds the codes from the table Meal Plan Type (MPT) -->
88
89         </RatePlan>
90     </RatePlans>
91     <RoomRates>
92         <RoomRate NumberOfUnits="1" RatePlanID="73482" RatePlanType="11"
93                     RoomTypeCode="27236" />
94         <RoomRate RatePlanID="73482" RatePlanType="11" RoomTypeCode="PD73482">
95             <Rates>
96                 <Rate Duration="0" EffectiveDate="2011-09-02" MinLOS="2" MaxLOS="999"
97                     GuaranteedInd="true" NumberOfUnits="12">
98
99                     <RateDescription
100                         LastModifyDateTime="2011-07-05T00:00:00" Name="AvailabilityReport">
101                             <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
102                             <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
103                             <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
104                             <ListItem ListItem="0"><![CDATA[ProductValidityAvail]]></ListItem>
105                             <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
106                             <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
107                             <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
108                             <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
109                             <ListItem ListItem="1"><![CDATA[ProductConditionalAvailability]]></ListItem>
110
111                         <!-- If the Product has the "Conditional Availability" feature and the checking is 'Success'
112                              then CultSwitch will provide the above element with the value "1". If the Product has the
113                              "Conditional Availability" feature and its checking 'Fails' then CultSwitch will provide
114                              this element with the value "0".
115
116                         <!-- If the product does not have this feature then CultSwitch will skip the above element.-->
117
118                         </RateDescription>
119                         <Base AmountAfterTax="120.52" CurrencyCode="EUR"/>
120                         <PaymentPolicies>
121                             <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
122                                 RPH="GuaranteePolicy"/>
123                             <GuaranteePayment GuaranteeCode="5" RPH="RequiredPayment">
124                                 <AmountPercent Amount="20"/>
125                                 <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"/>
126                             </GuaranteePayment>
127                         </PaymentPolicies>
128                         <CancelPolicies>
129                             <CancelPenalty ConfirmClassCode="CancelPolicy">
130                                 <Deadline OffsetDropTime="BeforeArrival"
131                                     OffsetTimeUnit="Day" OffsetUnitMultiplier="15"/>
132                                 <AmountPercent BasisType="FullStay" NmbrOfNights="1" Percent="40.00"/>
133                             </CancelPenalty>
134                             <CancelPenalty ConfirmClassCode="NoShowPolicy">
135                                 <Deadline/>
136                                 <AmountPercent BasisType="FullStay" Percent="40.00"/>
137                             </CancelPenalty>
138                         </CancelPolicies>
139                     </Rate>
140                 <Rate Duration="1" EffectiveDate="2011-09-03" GuaranteedInd="true"
141                     MinLOS="2" MaxLOS="999" NumberOfUnits="12">
142
143                     <RateDescription
144                         LastModifyDateTime="2011-07-05T00:00:00" Name="AvailabilityReport">
145                             <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
146                             <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
147                             <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
148                             <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
149                             <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
150                             <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
151                             <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
152                             <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
153                             <ListItem ListItem="1"><![CDATA[ProductConditionalAvailability]]></ListItem>
154                         </RateDescription>
155                         <Base AmountAfterTax="120.52" CurrencyCode="EUR"/>
156                         <PaymentPolicies>
157                             <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
158                                 RPH="GuaranteePolicy"/>
159                             <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
160                                 RPH="PaymentPolicy">
161                                 <AmountPercent Amount="20"/>
162                                 <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"/>
163                             </GuaranteePayment>
164                         </PaymentPolicies>
165                         <CancelPolicies>
166                             <CancelPenalty ConfirmClassCode="CancelPolicy">

```

**cultuzz.**

```

167         <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Day"
168             OffsetUnitMultiplier="15"/>
169         <AmountPercent BasisType="FullStay" NmbrOfNights="1"
170             Percent="40.00"/>
171     </CancelPenalty>
172     <CancelPenalty ConfirmClassCode="NoShowPolicy">
173         <Deadline/>
174         <AmountPercent BasisType="FullStay" Percent="40.00"/>
175     </CancelPenalty>
176 </CancelPolicies>
177 <TPA_Extensions>
178     <Descriptions>
179         <Description Name="RateDescription">
180
181 <!-- The 'Description' element with attribute 'Name' having value "RateDescription"
182 provides necessary information about the price break-up that has been applied
183 to come up with a final given price. The following example gives a typical and
184 more broader overview about how the price break up is performed -->
185
186         <Text Language="EN">
187             <![CDATA[Applied fixed price of '100.52' for '2' adults : '100.52']]>
188         </Text>
189         <Text Language="EN">
190             <![CDATA[Applied a weekday supplement surcharge of
191                 percent '0.0': '100.52']]>
192         </Text>
193         <Text Language="EN">
194             <![CDATA[Applied reduction of '20.0' percent on daily price of
195                 '100.0' for '1st'- child : '20.0' ]]>
196         </Text>
197         <Text Language="EN">
198             <![CDATA[Applied a weekday supplement surcharge of
199                 percent '0.0': '20.0']]>
200         </Text>
201         <Text Language="EN">
202             <![CDATA[Added Child discount of '20.0' to Total Adults
203                 price of '100.52': '120.52']]>
204         </Text>
205     </Description>
206 </Descriptions>
207 </TPA_Extensions>
208 </Rate>
209 <Rate RateTier="1">
210     <RateDescription Name="StayPolicy"/>
211 </Rate>
212 <Rate RateTier="1">
213     <RateDescription Name="StaySupplementApply"/>
214 </Rate>
215 <Rate Duration="P1D">
216     <Fees>
217         <Fee Code="16" Amount="15.0"></Fee>
218     </Fees>
219     <RateDescription Name="ShortStaySurcharge"/>
220 </Rate>
221 <Rate Duration="P2D">
222     <Fees>
223         <Fee Code="16" Amount="10.0"></Fee>
224     </Fees>
225     <RateDescription Name="LongStayDiscount"/>
226 </Rate>
227 </Rates>
228 </RoomRate>
229 </RoomRates>
230
231 <!-- As mentioned before, the CultSwitch provides information about the final product
232 price within a <RoomRate> with product-ID delivered in RatePlanID attribute.
233 For clarity, this <RoomRate> is defined with RatePlanType="11" and the
234 RoomTypeCode="PD xxx" as a reference (and vice versa) to the corresponding
235 <RoomType> made before. -->
236
237
238 <!-- The other <RoomRate>s with the same RatePlanID defines the relationship between
239 this product and its product-elements (contained rooms). The first <RoomRate>
240 determines the attribute NumberOfUnits="1", specifies the product 73482 contains
241 one unit of the <RoomType> which is referenced by RoomTypeCode="27236". -->
242
243 <!-- If attribute 'ResponseType' of element 'AvailRequestSegment' has a value of
244 "RateInfoDetails", then the <RoomRates><Rates> will have the 'Rate' element
245 in the below format:
246
247     <Rate Duration="1" EffectiveDate="2011-10-02" MinLOS="1" NumberOfUnits="12">
248         <RateDescription LastModifyDateTime="2011-06-27T08:07:22"
249             Name="AvailabilityReport">
250             <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
251             <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
252         </RateDescription>
253         <Base AmountAfterTax="1000.00" CurrencyCode="INR"/>

```

**cultuzz.**



```

254     </Rate>
255
256     Attribute 'LastModifyDateTime' specifies when this rate is pushed to CultSwitch.
257     The values within 'ListItem' elements, like "InventoryValidityAvail",
258     "InventoryNoOfUnitsAvail", "InventoryDayPriceAvail", "ProductValidityAvail",
259     "ProductMinAdvanceBookingOffsetAvail" etc., each with attribute 'ListItem' value
260     of "1" or "0". If any of the value is "0" this room/product is not available. The
261     'attribute' MinLOS specifies the minimum length of stay as per the contract with
262     specific channel. -->
263
264     <!-- Besides the fee, which is provided as usual in a <Base>-element, you may find
265     detailed information about availability of the requested product:
266     EffectiveDate: The related day
267     Duration: Determines whether the product is available (= "1") in general
268                or unavailable (= "0").
269     GuaranteedInd: Indicates, that this is a possible
270     arrival day. Current release of CultSwitch will
271                always send value "true".
272     MinLOS: Defines the minimum length of stay starting
273                from the related day, if a reservation includes this day also.
274     NumberOfUnits: Shows how many units of the requested product are available
275                on the related day. -->
276
277     <GuestCounts>
278       <GuestCount AgeQualifyingCode="10" Count="2"/>
279       <GuestCount Age="6" Count="1"/>
280     </GuestCounts>
281     <TimeSpan End="2011-09-04" Start="2011-09-02"/>
282     <BasicPropertyInfo HotelCode="12400" HotelName="Cultuzz">
283       <Address FormattedInd="false">
284         <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
285         <CityName><![CDATA[Visakhapatnam]]></CityName>
286         <PostalCode><![CDATA[530016]]></PostalCode>
287         <StateProv><![CDATA[Bremen]]></StateProv>
288         <CountryName Code="in"><![CDATA[Indien]]></CountryName>
289       </Address>
290     </BasicPropertyInfo>
291   </RoomStay>
292 </RoomStays>
293 <TPA_Extensions>
294   <ResponseTime ProcessTime="0.089" ProcessTimeUnit="Seconds"
295     RequestStartTime="2011-07-12 05:59:49.501"
296     ResponseEndTime="2011-07-12 05:59:49.590"/>
297 </TPA_Extensions>
298 </OTA_HotelAvailRS>

```

**cultuzz.**

### 5.9.5 Response Message for OTA\_HotelAvailRQ WithOutRateInfoDetails

If CultSwitch was asked for WithOutRateInfoDetails by without providing the attribute ResponseType within <AvailRequestSegment> element, then the response contains a <RoomRate> container for each product. The Rate in the RoomRate is calculated for complete requested time span. The conditions, policies given under the Rate element will be applicable to the product which is given in RatePlanID attribute of <RoomRate> element.

```

1     <RoomRates>
2     <RoomRate NumberOfUnits="1" RatePlanID="73482" RatePlanType="11"
3       RoomTypeCode="27236"/>
4     <RoomRate RatePlanID="73482" RatePlanType="11" RoomTypeCode="PD73482">
5       <Rates>
6         <Rate>
7           <Base AmountAfterTax="241.04" CurrencyCode="EUR"/>
8           <Total AmountAfterTax="241.04" CurrencyCode="EUR"/>
9           <PaymentPolicies>
10            <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
11              RPH="GuaranteePolicy"/>
12            <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
13              RPH="PaymentPolicy">
14              <AmountPercent Amount="20"/>
15              <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"/>
16            </GuaranteePayment>
17          </PaymentPolicies>
18          <CancelPolicies>
19            <CancelPenalty ConfirmClassCode="CancelPolicy">
20              <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Day"
21                OffsetUnitMultiplier="15"/>
22            </CancelPenalty>
23            <CancelPenalty ConfirmClassCode="NoShowPolicy">
24              <Deadline/>
25            </CancelPenalty>

```



```

26         <AmountPercent BasisType="FullStay" Percent="40.00"/>
27     </CancelPenalty>
28 </CancelPolicies>
29 </Rate>
30 </Rates>
31 </RoomRate>
32 <RoomRate NumberOfUnits="1" RatePlanID="38397" RatePlanType="11"
33     RoomTypeCode="38397"/>
34 <RoomRate RatePlanID="94951" RatePlanType="11" RoomTypeCode="PD94951">
35     <Rates>
36     <Rate>
37         <Base AmountAfterTax="160.00" CurrencyCode="EUR"/>
38         <Total AmountAfterTax="160.00" CurrencyCode="EUR"/>
39     <PaymentPolicies>
40         <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
41             RPH="GuaranteePolicy"/>
42         <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
43             RPH="PaymentPolicy">
44             <AmountPercent Percent="10"/>
45             <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"/>
46     </PaymentPolicies>
47     <CancelPolicies>
48         <CancelPenalty ConfirmClassCode="CancelPolicy">
49             <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Day"
50                 OffsetUnitMultiplier="15"/>
51             <AmountPercent BasisType="FullStay" NmbrOfNights="1" Percent="40.00"/>
52         </CancelPenalty>
53         <CancelPenalty ConfirmClassCode="NoShowPolicy">
54             <Deadline/>
55             <AmountPercent BasisType="FullStay" Percent="40.00"/>
56         </CancelPenalty>
57     </CancelPolicies>
58 </Rate>
59 </Rates>
60 </RoomRate>
61 </RoomRates>

```

**cultuzz.**

Back to OTA-Messages : [Availability Request \(OTA\\_HotelAvailRQ/RS\)](#)

## 5.10 OTA\_HotelResRQ

Reservation requests in OTA standard accepted by the CultSwitch

### 5.10.1 Basic reservation request (INITIATE)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelResRQ xmlns="http://www.opentravel.org/OTA/2003/05" TimeStamp="2012-05-10T09:30:47"
3   Target="Production" Version="3.30" PrimaryLangID="en" ResStatus="Initiate">
4   <POS>...</POS>
5
6   <!-- The attribute ResStatus specifies the type of reservation request, therefore the
7    value 'Initiate' shows that this request is for first time and the value 'Commit'
8    shows that there was a successful reservation request, which can then be confirm-
9    ed. In doing this, an alternative form of reservation request is necessary, which
10   will be shown after the message. -->
11
12   <HotelReservations>
13
14   <!-- The 'HotelReservations' container includes the reservation which will be made in
15    real time. For the time being, only one booking will be accepted per reservation
16    request. -->
17
18     <HotelReservation RoomStayReservation="true">
19       <UniqueID Type="10" ID_Context="CLTZ" ID="12400"></UniqueID>
20       <RoomStays>
21
22       <!-- In the lines of the reply message regarding an availability request, the
23        OTA_HotelAvailRS message, every reservation consists of a specific number of
24        rooms, which are located with the necessary information in several RoomStay
25        elements. -->
26
27        <RoomStay IndexNumber="11">
28
29        <!-- In real time, only one reservation is permitted per request, which means that
30         also only one 'RoomStay' element per request will be permitted. -->
31
32         <RoomRates>
33           <RoomRate NumberOfUnits="2" RatePlanID="94951" RatePlanType="11"/>
34           <RoomRate NumberOfUnits="1" RatePlanID="94957" RatePlanType="11"/>
35         </RoomRates>
36
37         <!-- A product for reservation is defined with its product-ID, which must be
38          delivered via the RatePlanID attribute.
39          Here we opted a reservation with multiple products. -->
40
41         <!-- For room reservation request, replace <RoomRates>...</RoomRates> with,
42          <RoomTypes>
43            <RoomType IsRoom="1" NumberOfUnits="2" RoomTypeCode="27236"/>
44            <RoomType IsRoom="1" NumberOfUnits="2" RoomTypeCode="27238"/>
45          </RoomTypes>
46
47          Here, RoomTypeCode specifies roomId and NumberOfUnits specifies the number of
48          rooms. Above request is for multiple rooms and the similar procedure is fol-
49          lowed for multiple products also.
50        -->
51
52        <GuestCounts IsPerRoom="0">
53          <GuestCount Count="6" AgeQualifyingCode="10"/>
54          <GuestCount Count="2" Age="7"/>
55          <GuestCount Count="1" Age="3"/>
56          <GuestCount Count="1" Age="12"/>
57          <GuestCount Count="1" Age="13"/>
58
59        <!-- As mentioned while describing the OTA_HotelAvailRQ/RS-message, it is possible
60         to send two different <GuestCount> elements with the additional attribute
61         AgeQualifyingCode, to convey the number of adults and children. -->
62
63        <!-- The above mentioned guest count is the total guest count for this reservation (for
64         all products and for all units (2 units of 94951 and 1 unit of 94957). -->
65
66        </GuestCounts>
67        <TimeSpan Start="2012-06-09" End="2012-06-12"/>
68        <Comments>
69          <Comment GuestViewable="1" Name="GuestMessage">
70            <Text Formatted="1" Language="en"><![CDATA[Test Booking]]></Text>
71          </Comment>
72        </Comments>
73      </RoomStay>
74    </RoomStays>
75    <ResGuests>
76      <ResGuest ResGuestRPH="1"> <!-- Specifies booker address -->
77        <Profiles>
78          <ProfileInfo>
79            <Profile>
```

**cultuzz.**

```

79      <Customer Gender="Male">
80        <PersonName>
81          <NameTitle><![CDATA[Mr]]> <NameTitle>
82          <GivenName><![CDATA[Robert]]></GivenName>
83          <Surname><![CDATA[Williams]]></Surname>
84        </PersonName>
85        <Telephone PhoneNumber="1234567898"/>
86        <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
87        <Address FormattedInd="false">
88          <StreetNmbr><![CDATA[Dwaraka Nagar 3rd Lane]]></StreetNmbr>
89          <CityName><![CDATA[Visakhapatnam]]></CityName>
90          <PostalCode><![CDATA[530016]]></PostalCode>
91          <CountryName Code="IN"><![CDATA[India]]></CountryName>
92          <StateProv StateCode="2"><![CDATA[Berlin]]></StateProv>
93      <CompanyName CompanyShortName="Bon"><![CDATA[test]]>
94      </CompanyName>
95    </Address>
96    <Address UseType= "3">
97
98    <!-- UseType for different values are, "3"-Billing, "2"-Mailing, "1"-Delivery, "5"-Other-->
99
100    <AddressLine>Mr</AddressLine>
101    <AddressLine>Smith</AddressLine>
102    <AddressLine>321 Myrtle Lane</AddressLine>
103    <CityName>Latrobe</CityName>
104    <PostalCode>15650</PostalCode>
105    <StateProv>PA</StateProv>
106    <CountryName>USA</CountryName>
107  </Address>
108  </Customer>
109  </Profile>
110  </ProfileInfo>
111  </Profiles>
112  </ResGuest>
113  <ResGuest ResGuestRPH="11-94951" GroupEventCode="1">
114
115  <!-- Per room guest profiles, guest counts can be provided under 'ResGuest' element.
116  For this purpose 'ResGuestRPH' holds index number (11) along with productID
117  (94951) as 11-94951. Incase, guest wants to book multiple units of same product,
118  then the total guests can stay in various rooms.
119
120  In this case, A guest booked two units of the product (94951). In which,
121  GroupEventCode="1" specifies that the below guest information belongs to the
122  first unit of the product '94951' ( but donot specifies a roomID ).-->
123
124    <GuestCounts IsPerRoom="true">
125      <GuestCount Count="3" AgeQualifyingCode="10"/>
126    </GuestCounts>
127    <Profiles>
128
129    <!-- Addresses for all the guests under 'GuestCounts' element are given under the
130    separate ProfileInfo's for each guest. -->
131
132    <ProfileInfo>
133      <Profile>
134        <Customer>
135          <PersonName>
136            <GivenName>Guest1</GivenName>
137            <Surname>product1</Surname>
138          </PersonName>
139          <Telephone PhoneNumber="11111111111"/>
140          <Email>testguest1@cultuzz.com</Email>
141          <Address>
142            <AddressLine>XXXXX</AddressLine>
143            <CityName>XXXXXX</CityName>
144            <PostalCode>11111111</PostalCode>
145            <CountryName Code="DE">NA</CountryName>
146            <CompanyName>NA</CompanyName>
147          </Address>
148        </Customer>
149      </Profile>
150    </ProfileInfo>
151    <ProfileInfo>
152      <Profile>
153        <Customer>
154          <PersonName>
155            <GivenName>Guest2</GivenName>
156            <Surname>product1</Surname>
157          </PersonName>
158          <Telephone PhoneNumber="2222222222"/>
159          <Email>testguest2@cultuzz.com</Email>
160          <Address>
161            <AddressLine>MarksStreet</AddressLine>
162            <CityName>Berlin</CityName>
163            <PostalCode>22222222</PostalCode>
164            <CountryName Code="IN">India</CountryName>
165            <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>

```

**cultuzz.**

```

166         </Address>
167     </Customer>
168 </Profile>
169 </ProfileInfo>
170 <ProfileInfo>
171     <Profile>
172         <Customer>
173             <PersonName>
174                 <GivenName>Guest3</GivenName>
175                 <Surname>product1</Surname>
176             </PersonName>
177             <Telephone PhoneNumber="2222222222"/>
178             <Email>testguest3@cultuzz.com</Email>
179             <Address>
180                 <AddressLine>MarksStreet</AddressLine>
181                 <CityName>Berlin</CityName>
182                 <PostalCode>22222222</PostalCode>
183                 <CountryName Code="IN">India</CountryName>
184                 <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
185             </Address>
186         </Customer>
187     </Profile>
188 </ProfileInfo>
189 </Profiles>
190 </ResGuest>
191 <ResGuest ResGuestRPH="11-94951" GroupEventCode="2">
192
193     <!-- Here, GroupEventCode="2" means the below guest information belongs to the
194          second unit of the product '94951'. -->
195
196     <GuestCounts IsPerRoom="true">
197         <GuestCount Count="1" AgeQualifyingCode="10"/>
198         <GuestCount Count="1" Age="7"/>
199         <GuestCount Count="1" Age="12"/>
200     </GuestCounts>
201     <Profiles>
202         <ProfileInfo>
203             <Profile>
204                 <Customer>
205                     <PersonName>
206                         <GivenName>AdultGuest</GivenName>
207                         <Surname>product1</Surname>
208                     </PersonName>
209                     <Telephone PhoneNumber="9030212515"/>
210                     <Email>testguest@cultuzz.com</Email>
211                     <Address>
212                         <AddressLine>yyyyyyyy</AddressLine>
213                         <CityName>YYYYYY</CityName>
214                         <PostalCode>22222222</PostalCode>
215                         <CountryName Code="IN">India</CountryName>
216                         <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
217                     </Address>
218                 </Customer>
219             </Profile>
220 </ProfileInfo>
221 <ProfileInfo>
222     <Profile>
223         <Customer>
224             <PersonName>
225                 <GivenName>ChildGuest1</GivenName>
226                 <Surname>product1</Surname>
227             </PersonName>
228             <Telephone PhoneNumber="9030212515"/>
229             <Email>testguestchild1@cultuzz.com</Email>
230             <Address>
231                 <AddressLine>yyyyyyyy</AddressLine>
232                 <CityName>YYYYYY</CityName>
233                 <PostalCode>22222222</PostalCode>
234                 <CountryName Code="IN">India</CountryName>
235                 <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
236             </Address>
237         </Customer>
238     </Profile>
239 </ProfileInfo>
240 <ProfileInfo>
241     <Profile>
242         <Customer>
243             <PersonName>
244                 <GivenName>ChildGuest2</GivenName>
245                 <Surname>product2</Surname>
246             </PersonName>
247             <Telephone PhoneNumber="9030212515"/>
248             <Email>testguestchild2@cultuzz.com</Email>
249             <Address>
250                 <AddressLine>yyyyyyyy</AddressLine>
251                 <CityName>YYYYYY</CityName>
252                 <PostalCode>22222222</PostalCode>

```

**cultuzz.**

```

253         <CountryName Code="IN">India</CountryName>
254         <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
255     </Address>
256 </Customer>
257 </Profile>
258 </ProfileInfo>
259 </Profiles>
260 </ResGuest>
261 <ResGuest ResGuestRPH="11-94957" GroupEventCode="1">
262
263     <!-- Here, the following guest counts belongs to the first unit of second
264          product (94957) -->
265
266     <GuestCounts IsPerRoom="true">
267         <GuestCount Count="2" AgeQualifyingCode="10"/>
268         <GuestCount Count="1" Age="13"/>
269         <GuestCount Count="1" Age="7"/>
270         <GuestCount Count="1" Age="3"/>
271     </GuestCounts>
272     <Profiles>
273         <ProfileInfo>
274             <Profile>
275                 <Customer>
276                     <PersonName>
277                         <GivenName>AdultGuest1</GivenName>
278                         <Surname>guest</Surname>
279                     </PersonName>
280                     <Telephone PhoneNumber="7569317626"/>
281                     <Email>testguestchild@cultuzz.com</Email>
282                     <Address>
283                         <AddressLine>XXXXX</AddressLine>
284                         <CityName>XXXXXX</CityName>
285                         <PostalCode>11111111</PostalCode>
286                         <CountryName Code="DE">NA</CountryName>
287                         <CompanyName>NA</CompanyName>
288                     </Address>
289                 </Customer>
290             </Profile>
291         </ProfileInfo>
292         <ProfileInfo>
293             <Profile>
294                 <Customer>
295                     <PersonName>
296                         <GivenName>AdultGuest2</GivenName>
297                         <Surname>guest</Surname>
298                     </PersonName>
299                     <Telephone PhoneNumber="9030212515"/>
300                     <Email>testguest2@cultuzz.com</Email>
301                     <Address>
302                         <AddressLine>yyyyyyyy</AddressLine>
303                         <CityName>YYYYYY</CityName>
304                         <PostalCode>22222222</PostalCode>
305                         <CountryName Code="IN">India</CountryName>
306                         <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
307                     </Address>
308                 </Customer>
309             </Profile>
310         </ProfileInfo>
311         <ProfileInfo>
312             <Profile>
313                 <Customer>
314                     <PersonName>
315                         <GivenName>ChildGuest1</GivenName>
316                         <Surname>guest</Surname>
317                     </PersonName>
318                     <Telephone PhoneNumber="9030212515"/>
319                     <Email>testguestchild@cultuzz.com</Email>
320                     <Address>
321                         <AddressLine>yyyyyyyy</AddressLine>
322                         <CityName>YYYYYY</CityName>
323                         <PostalCode>22222222</PostalCode>
324                         <CountryName Code="IN">India</CountryName>
325                         <CompanyName>Cultuzz India Pvt. Ltd</CompanyName>
326                     </Address>
327                 </Customer>
328             </Profile>
329         </ProfileInfo>
330         <ProfileInfo>
331             <Profile>
332                 <Customer>
333                     <PersonName>
334                         <GivenName>ChildGuest2</GivenName>
335                         <Surname>guest</Surname>
336                     </PersonName>
337                     <Telephone PhoneNumber="7569317626"/>
338                     <Email>testguestchild@cultuzz.com</Email>
339                     <Address>

```

**cultuzz.**

```

340         <AddressLine>XXXXX</AddressLine>
341         <CityName>XXXXXX</CityName>
342         <PostalCode>11111111</PostalCode>
343         <CountryName Code="DE">NA</CountryName>
344         <CompanyName>NA</CompanyName>
345     </Address>
346 </Customer>
347 </Profile>
348 </ProfileInfo>
349 <ProfileInfo>
350     <Profile>
351         <Customer>
352             <PersonName>
353                 <GivenName>ChildGuest3</GivenName>
354                 <Surname>guest</Surname>
355             </PersonName>
356             <Telephone PhoneNumber="7569317626"/>
357             <Email>testguestchild@cultuzz.com</Email>
358             <Address>
359                 <AddressLine>XXXXX</AddressLine>
360                 <CityName>XXXXXX</CityName>
361                 <PostalCode>11111111</PostalCode>
362                 <CountryName Code="DE">NA</CountryName>
363                 <CompanyName>NA</CompanyName>
364             </Address>
365         </Customer>
366     </Profile>
367 </ProfileInfo>
368 </Profiles>
369 </ResGuest>
370 </ResGuests>
371 <ResGlobalInfo>
372     <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher">
373         <GuaranteesAccepted>
374             <GuaranteeAccepted>
375                 <PaymentCard CardCode="VI" CardNumber="0545582292" CardType="1"
376                     ExpireDate="2020" SeriesCode="XXX">
377                     <CardHolderName><![CDATA[CultSwitch]]></CardHolderName>
378                 </PaymentCard>
379             </GuaranteeAccepted>
380         </GuaranteesAccepted>
381     </Guarantee>
382
383 <!-- If the requested reservation requires credit card data, it must be sent within
384 the 'ResGlobalInfo' container. If no credit card data is needed, the 'ResGlobalInfo'
385 must not be sent. Series code attribute represents CVV code-->
386
387 <!-- Cultswitch supports Two Phase Booking. The first phase does Availability locking and the
388 second phase does the final booking after receiving "Commit" from Client. In case, if
389 there is no 'commit' response from Client within a defined time limit, CultSwitch releases
390 the lock on the temporarily locked products. Once the lock is released, the products will
391 be bookable again, as normal.-->
392
393 <!-- <Guarantee GuaranteeCode="cultBay01" GuaranteeType="GuaranteeRequired"/>
394 <Guarantee GuaranteeCode="cultBay02" GuaranteeType="GuaranteeRequired"/>
395 <Guarantee GuaranteeCode="2" GuaranteeType="GuaranteeRequired"/>
396
397     There are four kinds of hold reservations. They are:
398
399     1. GuaranteeCode="cultBay01", which is initiated from CultBay tool and XML doesn't have
400     rate element. So CultSwitch will calculate rates and have a default commit time as
401     1h 30 mins.
402     2. GuaranteeCode="cultBay02", which is from CultBay after finished Auction. The XML will
403     hold rates which can have Auction price with a default commit time as 10 days.
404     3. GuaranteeCode="2" from CultBooking means waiting for confirmation and XML will contain
405     rate element. CultSwitch need to calculate rates and have a default commit time as 1h
406     4. Irrespective of Guarantee Type, which is initiated on Client's request. In this type of
407     hold reservation, the Booking ID provided when the Product kept on Hold is same as the
408     Booking ID provided after committing. The default commit time is 1min. As per the configuration
409     set by the Client this new feature will be implemented.-->
410
411 <!-- For a guarantee type Deposit, the xml should have the following structure.
412
413     <DepositPayments>
414         <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
415             PolicyCode="1">
416
417 <!-- Here 'PolicyCode' specifies type of payment. '1' for BankTransfer and
418 '2' for CreditCard.
419
420         <AmountPercent Amount="10" />
421         <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="2"/>
422     </GuaranteePayment>
423 </DepositPayments> -->
424
425 <HotelReservationIDs>
426     <HotelReservationID ResID_SourceContext="TransactionNumber"

```

**cultuzz.**

```

427             ResID_Source="eBay" ResID_Value="12587424885"/>
428         <HotelReservationID ResID_SourceContext="eBayItemID"
429             ResID_Source="eBay" ResID_Value="12547895"/>
430
431         <!-- Here CultSwitch generates BookingID, which is mapped to eBayItemID specified
432             within ResID_Value.
433             For example, If the booking done at HolidayInsider,
434             <HotelReservationID ResID_SourceContext="TransactionNumber"
435                 ResID_Source="HolidayInsider" ResID_Value="9855646K47"/>
436             <HotelReservationID ResID_SourceContext="BookingID"
437                 ResID_Source="HolidayInsider" ResID_Value="45871665"/> -->
438
439         </HotelReservationIDs>
440     </ResGlobalInfo>
441 </HotelReservation>
442 </HotelReservations>
443 </OTA_HotelResRQ>

```

## 5.10.2 Second alternative confirmation of a reservation

```

1  <OTA_HotelResRQ PrimaryLangID="en" ResStatus="Commit"
2      Target="Production" TimeStamp="2011-07-05T11:09:41" Version="3.30"
3      xmlns="http://www.opentravel.org/OTA/2003/05" >
4      <HotelReservations>
5          <HotelReservation>
6
7              <!-- Incase of Hold reservations (ResStatus="Hold"), booker won't provide the paymentcard
8                  details. In such cases, half booking will be done by giving the another code as an
9                  authentication instead of bookingId. By using this code under UniqueID->ID, another
10                 booking will be done with ResStatus="Commit", which finally gives the bookingId as
11                 outcome. -->
12
13                 <UniqueID Type="14" ID_Context="CLTZ" ID="2|sOrHq-1124627886"/>
14                 <ResGlobalInfo>
15                     <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher">
16                         <GuaranteesAccepted>
17                             <GuaranteeAccepted>
18                                 <PaymentCard CardCode="VI" CardNumber="0545582292" CardType="1"
19                                     ExpireDate="2020" SeriesCode="XXX">
20                                     <CardHolderName><![CDATA[CultSwitch]]></CardHolderName>
21                                 </PaymentCard>
22                             </GuaranteeAccepted>
23                         </GuaranteesAccepted>
24                     </Guarantee>
25                 </ResGlobalInfo>
26
27                 <!-- CultSwitch supports Two Phase Booking process, irrespective of Guarantee Type. Few
28                     Clients provide dummy Credit Card details when reservation is put on "Hold". And
29                     Original Credit Card details are provided when "Hold" reservation is set to "Commit".
30                     Series code attribute represents the CVV code. -->
31
32             </HotelReservation>
33         </HotelReservations>
34     </OTA_HotelResRQ>

```

**cultuzz.**

## 5.10.3 Response message for a completed reservation

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelResRS PrimaryLangID="en" ResResponseType="Committed"
3      Target="Production" TimeStamp="2012-05-10T12:46:43"
4      TransactionIdentifier="91c71114-105f-4e36-954f-6e96bd101296-782040202"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <HotelReservations>
8          <HotelReservation RoomStayReservation="true">
9              <UniqueID ID="876517" ID_Context="CLTZ" Type="14"/>
10             <RoomStays>
11                 <RoomStay>
12                     <RoomTypes>
13                         <RoomType RoomTypeCode="38397">
14
15                             <RoomDescription Name="Double Bed Room_Apr24"/>
16                             <AdditionalDetails>
17                                 <AdditionalDetail Code="5" Type="4"/>
18                             </AdditionalDetails>
19                         </RoomType>
20                         <RoomType IsRoom="false" RoomTypeCode="PD94951"/>
21                         <RoomType RoomTypeCode="38399">
22                             <RoomDescription Name="Triple Bed Room_Apr24"/>

```

```

23         <AdditionalDetails>
24             <AdditionalDetail Code="6" Type="4"/>
25         </AdditionalDetails>
26     </RoomType>
27     <RoomType IsRoom="false" RoomTypeCode="PD94957"/>
28 </RoomTypes>
29 <RatePlans>
30     <RatePlan RatePlanID="94951"
31         RatePlanName="product3_Apr24" RatePlanType="11">
32         <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
33         <AdditionalDetails/>
34         <RatePlanDescription/>
35         <MealsIncluded Breakfast="false"/>
36     </RatePlan>
37     <RatePlan RatePlanID="94957"
38         RatePlanName="product6_Apr24" RatePlanType="11">
39         <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
40         <AdditionalDetails/>
41         <RatePlanDescription/>
42         <CancelPenalties>
43             <CancelPenalty PolicyCode="1">
44                 <Deadline
45                     OffsetDropTime="BeforeArrival"
46                     OffsetTimeUnit="day" OffsetUnitMultiplier="1"/>
47                 <AmountPercent BasisType="FullStay"/>
48             </CancelPenalty>
49         </CancelPenalties>
50         <MealsIncluded Breakfast="false"/>
51     </RatePlan>
52 </RatePlans>
53 <RoomRates>
54     <RoomRate NumberOfUnits="1" RatePlanID="94951"
55         RatePlanType="11" RoomTypeCode="38397"/>
56     <RoomRate NumberOfUnits="2" RatePlanID="94951"
57         RatePlanType="11" RoomTypeCode="PD94951">
58         <Rates>
59             <Rate EffectiveDate="2012-06-09">
60                 <Base AmountAfterTax="84.38" CurrencyCode="EUR"/>
61                 <CancelPolicies/>
62                 <PaymentPolicies>
63                     <GuaranteePayment
64                         GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
65                 </PaymentPolicies>
66             </Rate>
67             <Rate EffectiveDate="2012-06-10">
68                 <Base AmountAfterTax="84.38" CurrencyCode="EUR"/>
69                 <CancelPolicies/>
70                 <PaymentPolicies>
71                     <GuaranteePayment
72                         GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
73                 </PaymentPolicies>
74             </Rate>
75             <Rate EffectiveDate="2012-06-11">
76                 <Base AmountAfterTax="84.38" CurrencyCode="EUR"/>
77                 <CancelPolicies/>
78                 <PaymentPolicies>
79                     <GuaranteePayment
80                         GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
81                 </PaymentPolicies>
82             </Rate>
83         </Rates>
84     </RoomRate>
85     <RoomRate NumberOfUnits="1" RatePlanID="94957"
86         RatePlanType="11" RoomTypeCode="38399"/>
87     <RoomRate NumberOfUnits="1" RatePlanID="94957"
88         RatePlanType="11" RoomTypeCode="PD94957">
89         <Rates>
90             <Rate EffectiveDate="2012-06-09">
91                 <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
92                 <CancelPolicies/>
93                 <PaymentPolicies>
94                     <GuaranteePayment
95                         GuaranteeCode="2" GuaranteeType="GuaranteeRequired"/>
96                 </PaymentPolicies>
97             </Rate>
98             <Rate EffectiveDate="2012-06-10">
99                 <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
100                 <CancelPolicies/>
101                 <PaymentPolicies>
102                     <GuaranteePayment
103                         GuaranteeCode="2" GuaranteeType="GuaranteeRequired"/>
104                 </PaymentPolicies>
105             </Rate>
106             <Rate EffectiveDate="2012-06-11">
107                 <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
108                 <CancelPolicies/>
109                 <PaymentPolicies>
110                     <GuaranteePayment
111                         GuaranteeCode="2" GuaranteeType="GuaranteeRequired"/>
112                 </PaymentPolicies>
113             </Rate>
114         </Rates>
115     </RoomRate>
116 </RoomRates>

```

**cultuZZ.**



```

110         </PaymentPolicies>
111     </Rate>
112     <Rate EffectiveDate="2012-06-11">
113         <Base AmountAfterTax="121.00" CurrencyCode="EUR"/>
114         <CancelPolicies/>
115         <PaymentPolicies>
116             <GuaranteePayment
117                 GuaranteeCode="2" GuaranteeType="GuaranteeRequired"/>
118             </PaymentPolicies>
119         </Rate>
120     </Rates>
121 </RoomRate>
122 </RoomRates>
123 <GuestCounts IsPerRoom="false">
124     <GuestCount AgeQualifyingCode="10" Count="6"/>
125     <GuestCount Age="7" Count="2"/>
126     <GuestCount Age="3" Count="1"/>
127     <GuestCount Age="12" Count="1"/>
128     <GuestCount Age="13" Count="1"/>
129 </GuestCounts>
130 <TimeSpan End="2012-06-12" Start="2012-06-09"/>
131 <Total AmountAfterTax="512.25" CurrencyCode="EUR"/>
132 <BasicPropertyInfo HotelCode="12400">
133     <Address>
134         <StreetNmbr><![CDATA[3rd Lane]]></StreetNmbr>
135         <CityName><![CDATA[Visakhapatnam]]></CityName>
136         <PostalCode><![CDATA[530016]]></PostalCode>
137         <CountryName Code="IN"><![CDATA[]]></CountryName>
138     </Address>
139 </BasicPropertyInfo>
140 <Comments>
141     <Comment GuestViewable="true" Name="GuestMessage">
142         <Text Formatted="true" Language="en"><![CDATA[Test Booking]]></Text>
143     </Comment>
144 </Comments>
145 </RoomStay>
146 </RoomStays>
147 <ResGuests>
148     <ResGuest ResGuestRPH="899675">
149         <Profiles>
150             <ProfileInfo>
151                 <Profile>
152                     <Customer Gender="Female">
153                         <PersonName ShareMarketInd="Yes" ShareSynchInd="Yes">
154                             <GivenName><![CDATA[TestGivenName]]></GivenName>
155                             <SurnamePrefix><![CDATA[TestSurnamePrefix]]></SurnamePrefix>
156                             <Surname><![CDATA[TestSurname]]></Surname>
157                             <NameTitle><![CDATA[Prof. Dr.]]></NameTitle>
158                         </PersonName>
159                         <Telephone PhoneNumber="+49 (030) 485 254 23"/>
160                         <Email><![CDATA[test@cultuzz.de]]></Email>
161                         <Address FormattedInd="false">
162                             <StreetNmbr><![CDATA[testBookerStreetNmbr]]></StreetNmbr>
163                             <CityName><![CDATA[testBookerCityName]]></CityName>
164                             <PostalCode><![CDATA[720546]]></PostalCode>
165                             <StateProv StateCode="2"><![CDATA[Berlin]]></StateProv>
166                             <CountryName Code="de"/>
167                             <CompanyName CompanyShortName="Bon"><![CDATA[test]]>
168                                 </CompanyName>
169                         </Address>
170                         <Address UseType="3">
171
172         <!-- UseType for different values are, "3"-Billing, "2"-Mailing, "1"-Delivery, "5"-Other-->
173
174             <AddressLine>Mr</AddressLine>
175             <AddressLine>Smith</AddressLine>
176             <AddressLine>321 Myrtle Lane</AddressLine>
177             <CityName>Latrobe</CityName>
178             <PostalCode>15650</PostalCode>
179             <StateProv>PA</StateProv>
180             <CountryName>USA</CountryName>
181         </Address>
182     </Customer>
183 </Profile>
184 </ProfileInfo>
185 </Profiles>
186 </ResGuest>
187 <ResGuest GroupEventCode="1" ResGuestRPH="11-94951">
188     <GuestCounts IsPerRoom="true">
189         <GuestCount AgeQualifyingCode="10" Count="3"/>
190     </GuestCounts>
191     <Profiles>
192         <ProfileInfo>
193             <Profile>
194                 <Customer>
195                     <PersonName>
196                         <GivenName><![CDATA[Guest1]]></GivenName>

```

**cultuzz.**

```

197         <Surname><![CDATA[product1]]></Surname>
198     </PersonName>
199     <Telephone PhoneNumber="1111111111"/>
200     <Email><![CDATA[testguest1@cultuzz.com]]></Email>
201
202     <Address>
203     <AddressLine><![CDATA[XXXXX]]></AddressLine>
204     <CityName><![CDATA[XXXXXX]]></CityName>
205     <PostalCode><![CDATA[1111111]]></PostalCode>
206     <CountryName Code="DE"><![CDATA[NA]]></CountryName>
207     <CompanyName><![CDATA[NA]]></CompanyName>
208     </Address>
209 </Customer>
210 </Profile>
211 </ProfileInfo>
212 <ProfileInfo>
213     <Profile>
214     <Customer>
215     <PersonName>
216     <GivenName><![CDATA[Guest2]]></GivenName>
217     <Surname><![CDATA[product1]]></Surname>
218     </PersonName>
219     <Telephone PhoneNumber="222222222"/>
220
221     <Email><![CDATA[testguest2@cultuzz.com]]></Email>
222     <Address>
223     <AddressLine><![CDATA[MarksStreet]]></AddressLine>
224     <CityName><![CDATA[Berlin]]></CityName>
225     <PostalCode><![CDATA[2222222]]></PostalCode>
226     <CountryName Code="IN"><![CDATA[India]]></CountryName>
227     <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
228                                     </CompanyName>
229     </Address>
230 </Customer>
231 </Profile>
232 </ProfileInfo>
233 <ProfileInfo>
234     <Profile>
235     <Customer>
236     <PersonName>
237     <GivenName><![CDATA[Guest3]]></GivenName>
238     <Surname><![CDATA[product1]]></Surname>
239     </PersonName>
240
241     <Telephone PhoneNumber="222222222"/>
242     <Email><![CDATA[testguest3@cultuzz.com]]></Email>
243     <Address>
244     <AddressLine><![CDATA[MarksStreet]]></AddressLine>
245     <CityName><![CDATA[Berlin]]></CityName>
246     <PostalCode><![CDATA[2222222]]></PostalCode>
247     <CountryName Code="IN"><![CDATA[India]]></CountryName>
248     <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
249                                     </CompanyName>
250     </Address>
251 </Customer>
252 </Profile>
253 </ProfileInfo>
254 </Profiles>
255 </ResGuest>
256 <ResGuest GroupEventCode="2" ResGuestRPH="11-94951">
257     <GuestCounts IsPerRoom="true">
258     <GuestCount AgeQualifyingCode="10" Count="1"/>
259     <GuestCount Age="7" Count="1"/>
260     <GuestCount Age="12" Count="1"/>
261 </GuestCounts>
262 <Profiles>
263     <ProfileInfo>
264     <Profile>
265     <Customer>
266     <PersonName>
267     <GivenName><![CDATA[AdultGuest]]></GivenName>
268     <Surname><![CDATA[product1]]></Surname>
269     </PersonName>
270     <Telephone PhoneNumber="9030212515"/>
271     <Email><![CDATA[testguest@cultuzz.com]]></Email>
272     <Address>
273     <AddressLine><![CDATA[yyyyyyyy]]></AddressLine>
274     <CityName><![CDATA[YYYYYY]]></CityName>
275     <PostalCode><![CDATA[2222222]]></PostalCode>
276     <CountryName Code="IN"><![CDATA[India]]></CountryName>
277     <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
278                                     </CompanyName>
279     </Address>
280 </Customer>
281 </Profile>
282 </ProfileInfo>
283 </ProfileInfo>

```

**cultuzz.**

```

284         <Profile>
285             <Customer>
286                 <PersonName>
287                     <GivenName><![CDATA[ChildGuest1]]></GivenName>
288                     <Surname><![CDATA[product1]]></Surname>
289                 </PersonName>
290                 <Telephone PhoneNumber="9030212515"/>
291                 <Email><![CDATA[testguestchild1@cultuzz.com]]></Email>
292                 <Address>
293                     <AddressLine><![CDATA[yyyyyyyy]]></AddressLine>
294                     <CityName><![CDATA[YYYYYY]]></CityName>
295                     <PostalCode><![CDATA[2222222]]></PostalCode>
296                     <CountryName Code="IN"><![CDATA[India]]></CountryName>
297                     <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
298                         </CompanyName>
299                 </Address>
300             </Customer>
301         </Profile>
302     </ProfileInfo>
303 <ProfileInfo>
304     <Profile>
305         <Customer>
306             <PersonName>
307                 <GivenName><![CDATA[ChildGuest2]]></GivenName>
308                 <Surname><![CDATA[product2]]></Surname>
309             </PersonName>
310             <Telephone PhoneNumber="9030212515"/>
311             <Email><![CDATA[testguestchild2@cultuzz.com]]></Email>
312             <Address>
313                 <AddressLine><![CDATA[yyyyyyyy]]></AddressLine>
314                 <CityName><![CDATA[YYYYYY]]></CityName>
315                 <PostalCode><![CDATA[2222222]]></PostalCode>
316                 <CountryName Code="IN"><![CDATA[India]]></CountryName>
317                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
318                     </CompanyName>
319             </Address>
320         </Customer>
321     </Profile>
322 </ProfileInfo>
323 </Profiles>
324 </ResGuest>
325 <ResGuest GroupEventCode="1" ResGuestRPH="11-94957">
326     <GuestCounts IsPerRoom="true">
327         <GuestCount AgeQualifyingCode="10" Count="2"/>
328         <GuestCount Age="13" Count="1"/>
329         <GuestCount Age="7" Count="1"/>
330         <GuestCount Age="3" Count="1"/>
331     </GuestCounts>
332     <Profiles>
333         <ProfileInfo>
334             <Profile>
335                 <Customer>
336                     <PersonName>
337                         <GivenName><![CDATA[AdultGuest1]]></GivenName>
338                         <Surname><![CDATA[guest]]></Surname>
339                     </PersonName>
340                     <Telephone PhoneNumber="7569317626"/>
341                     <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
342                     <Address>
343                         <AddressLine><![CDATA[XXXXXX]]></AddressLine>
344                         <CityName><![CDATA[XXXXXX]]></CityName>
345                         <PostalCode><![CDATA[1111111]]></PostalCode>
346                         <CountryName Code="DE"><![CDATA[NA]]></CountryName>
347                         <CompanyName><![CDATA[NA]]></CompanyName>
348                     </Address>
349                 </Customer>
350             </Profile>
351         </ProfileInfo>
352     </ProfileInfo>
353     <Profile>
354         <Customer>
355             <PersonName>
356                 <GivenName><![CDATA[AdultGuest2]]></GivenName>
357                 <Surname><![CDATA[guest]]></Surname>
358             </PersonName>
359             <Telephone PhoneNumber="9030212515"/>
360             <Email><![CDATA[testquest2@cultuzz.com]]></Email>
361             <Address>
362                 <AddressLine><![CDATA[yyyyyyyy]]></AddressLine>
363                 <CityName><![CDATA[YYYYYY]]></CityName>
364                 <PostalCode><![CDATA[2222222]]></PostalCode>
365                 <CountryName Code="IN"><![CDATA[India]]></CountryName>
366                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
367                     </CompanyName>
368             </Address>
369         </Customer>
370     </Profile>

```

**cultuzz.**

```

371         </ProfileInfo>
372     </ProfileInfo>
373     <Profile>
374         <Customer>
375             <PersonName>
376                 <GivenName><![CDATA[ChildGuest1]]></GivenName>
377                 <Surname><![CDATA[guest]]></Surname>
378             </PersonName>
379             <Telephone PhoneNumber="9030212515"/>
380             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
381             <Address>
382                 <AddressLine><![CDATA[yyyyyyyy]]></AddressLine>
383                 <CityName><![CDATA[YYYYYY]]></CityName>
384                 <PostalCode><![CDATA[2222222]]></PostalCode>
385                 <CountryName Code="IN"><![CDATA[India]]></CountryName>
386                 <CompanyName><![CDATA[Cultuzz India Pvt. Ltd]]>
387                     </CompanyName>
388             </Address>
389         </Customer>
390     </Profile>
391 </ProfileInfo>
392 <ProfileInfo>
393     <Profile>
394         <Customer>
395             <PersonName>
396                 <GivenName><![CDATA[ChildGuest2]]></GivenName>
397                 <Surname><![CDATA[guest]]></Surname>
398             </PersonName>
399             <Telephone PhoneNumber="7569317626"/>
400             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
401             <Address>
402                 <AddressLine><![CDATA[XXXXX]]></AddressLine>
403                 <CityName><![CDATA[XXXXXX]]></CityName>
404                 <PostalCode><![CDATA[1111111]]></PostalCode>
405                 <CountryName Code="DE"><![CDATA[NA]]></CountryName>
406                 <CompanyName><![CDATA[NA]]></CompanyName>
407             </Address>
408         </Customer>
409
410     </Profile>
411 </ProfileInfo>
412 <ProfileInfo>
413     <Profile>
414         <Customer>
415             <PersonName>
416                 <GivenName><![CDATA[ChildGuest3]]></GivenName>
417                 <Surname><![CDATA[guest]]></Surname>
418             </PersonName>
419
420             <Telephone PhoneNumber="7569317626"/>
421             <Email><![CDATA[testguestchild@cultuzz.com]]></Email>
422             <Address>
423                 <AddressLine><![CDATA[XXXXX]]></AddressLine>
424                 <CityName><![CDATA[XXXXXX]]></CityName>
425                 <PostalCode><![CDATA[1111111]]></PostalCode>
426                 <CountryName Code="DE"><![CDATA[NA]]></CountryName>
427                 <CompanyName><![CDATA[NA]]></CompanyName>
428             </Address>
429         </Customer>
430     </Profile>
431 </ProfileInfo>
432 </Profiles>
433 </ResGuest>
434 </ResGuests>
435 <ResGlobalInfo>
436     <HotelReservationIDs>
437         <HotelReservationID ResID_SourceContext="TransactionNumber"
438             ResID_Source="eBay" ResID_Value="12587424885"/>
439         <HotelReservationID ResID_SourceContext="eBayItemID"
440             ResID_Source="eBay" ResID_Value="12547895"/>
441
442     <!-- Here CultSwitch generates BookingID, which is mapped to eBayItemID specified
443          within ResID_Value-->
444
445     </HotelReservationIDs>
446 </ResGlobalInfo>
447 </HotelReservation>
448 </HotelReservations>
449 <TPA_Extensions>
450     <ResponseTime ProcessTime="3.025" ProcessTimeUnit="Seconds"
451         RequestStartTime="2012-05-10 12:46:40.853"
452         ResponseEndTime="2012-05-10 12:46:43.878"/>
453 </TPA_Extensions>
454 </OTA_HotelResRS>

```

**cultuzz.**

Within the reservation response, the complete reservation data will be returned.

Back to OTA-Messages : [Reservation Completion \(OTA\\_HotelResRQ/RS\)](#)



## 5.11 OTA\_CancelRQ/RS

Existing bookings can be cancelled via general OTA-message called OTA\_CancelRQ. In the initial version 3.1.5, Cancel Request is allowed for PMS as well.

### 5.11.1 Request Message (OTA\_CancelRQ)

---

```
1 <OTA_CancelRQ xmlns="http://www.opentravel.org/OTA/2003/05" TimeStamp="2011-07-05T11:21:00"
2     Target="Production" Version="3.30" PrimaryLangID="en" CancelType="Cancel">
3     <POS>...</POS>
4
5     <!-- By the different values of the attribute CancelType IN-REAL-TIME!! only 'Cancel'
6          will be supported, and it will be notified via this message that a completed
7          booking should be cancelled. -->
8
9     <!-- According to the noted authentication, the booking which should be cancelled can
10          be identified by two UniqueID elements. -->
11
12     <UniqueID Type="15" ID="644988" ID_Context="CLTZ"/>
13
14     <!-- The first UniqueID element with attribute type="15" shows that the cancellation
15          has been made and the accordant booking number (Booking_ID) is then
16          allocated in the attribute ID (Booking_ID). -->
17
18     <UniqueID Type="1" ID="663914" ID_Context="CLTZ"/>
19
20
21     <!-- In general, it is always relevant to differentiate between a cancellation made
22          by an offerer (accommodation) or by a guest. For this, second UniqueID element
23          will be used. -->
24
25     <!-- If the attribute type has the value '1', this indicates that the cancellation was
26          made by the customer and inside the attribute ID the respective Bucher_ID
27          will be provided. -->
28
29     <!-- If the cancellation was made by the accommodation, the value of the "Type" attribute
30          must be '10' and inside the attribute ID, a unique identifier of the member of the
31          accommodation team should be transferred. -->
32
33     <TPA_Extensions>
34         <Reasons>
35             <Reason Language="en" Type="Test Cancellation"></Reason>
36         </Reasons>
37
38         <!-- Reason(s) for cancellation could be provided within the element 'Reason'. The
39              reason could be specified as a value to the attribute 'Type'. -->
40
41     </TPA_Extensions>
42 </OTA_CancelRQ>
```

---

**cultuzz.**

### 5.11.2 Response Message (OTA\_CancelRS)

The CancelResponse message provides the List of Cancellation Policies along with Success response to the Channels if 'isReuestForListinglist' feature is enabled. Otherwise Channel can only receive Success response in CancelResponse message when a cancellation request is initiated. CultSwitch provides extra information with the "Cancellation Policies" in <TPA\_Extentions> element that indicates whether the policy was applied or Met.

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_CancelRS PrimaryLangID="en" Status="Cancelled" Target="Production"
3     TimeStamp="2011-07-05T11:21:00"
4     TransactionIdentifier="clec3949-15a9-4a1f-8f19-8552aa2c7752--1123123773"
5     Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6
7     <!-- The attribute 'Status' shows the type of response, but there must be a Success
8          element also. -->
9
10    <Success/>
11
12    <!-- If the cancellation failed due to any of the reasons, then it returns an error.
13
```

```

14     <Errors>
15     <Error Code="0" Type="3">
16         <![CDATA[The booking wasn't made in the context of the actual distributor.]]>
17     </Error>
18 </Errors>
19 -->
20     <UniqueID ID="644988" Type="15"/>
21
22 <!-- The value of '15' for attribute 'Type' refers to OTA-CodeTable UniqueIDType
23      (UIT) and specifies the following ID as a "CancellationId". -->
24
25     <TPA_Extensions>
26
27 <!-- If Client enables "isReuestForListinglist" feature then Cultswitch sends the
28      list of Cancellation Policies along with Success response in <TPA_Extension>
29      element -->
30
31     <CancelPenalties CancelPolicyIndicator="true">
32         <CancelPenalty ConfirmClassCode="CancelPolicy">
33             <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="10"
34                 OffsetDropTime="BeforeArrival"/>
35             <AmountPercent NmbrOfNights="2" BasisType="Nights"/>
36             <PenaltyDescription Name="txt:name">
37                 <Text Language="en"><![CDATA[Name of Policy]]></Text>
38             </PenaltyDescription>
39             <PenaltyDescription Name="txt:description_long">
40                 <Text Language="en"><![CDATA[2 days before arrival]]></Text>
41             </PenaltyDescription>
42         </CancelPenalty>
43         <CancelPenalty ConfirmClassCode="CancelPolicy">
44             <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="32"
45                 OffsetDropTime="BeforeArrival"/>
46             <AmountPercent NmbrOfNights="2" BasisType="Nights"/>
47             <PenaltyDescription Name="txt:name">
48                 <Text Language="en"><![CDATA[Name of Policy]]></Text>
49             </PenaltyDescription>
50             <PenaltyDescription Name="txt:description_long">
51                 <Text Language="en"><![CDATA[2 days before arrival]]></Text>
52             </PenaltyDescription>
53             <PenaltyDescription Name="Status">
54                 <Text Language="en"><![CDATA[Cancel penalty was Applied]]></Text>
55             </PenaltyDescription>
56         </CancelPenalty>
57         <CancelPenalty ConfirmClassCode="CancelPolicy">
58             <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"
59                 OffsetDropTime="BeforeArrival"/>
60             <AmountPercent BasisType="FullStay" Amount="0"/>
61             <PenaltyDescription Name="txt:name">
62                 <Text Language="en"><![CDATA[Name of Policy]]></Text>
63             </PenaltyDescription>
64             <PenaltyDescription Name="txt:description_long">
65                 <Text Language="en"><![CDATA[2 days before arrival]]></Text>
66             </PenaltyDescription>
67             <PenaltyDescription Name="Status">
68                 <Text Language="en"><![CDATA[Cancel penalty was met]]></Text>
69             </PenaltyDescription>
70         </CancelPenalty>
71     </CancelPenalties>
72     <ResponseTime ProcessTime="3.554" ProcessTimeUnit="Seconds"
73         RequestStartTime="2011-07-05 11:20:57.385"
74         ResponseEndTime="2011-07-05 11:21:00.939"/>
75 </TPA_Extensions>
76 </OTA_CancelRS>

```

**cultuzz.**

Back to OTA-Messages : [Reservation Cancellations \(OTA\\_CancelRQ/RS\)](#)

## 5.12 OTA\_CancelRQ/RS for "No-Show" by PMS

The system records a No-Show by a guest for a booking, using OTA\_CancelRQ sent by PMS.

### 5.12.1 Request Message No-Show (OTA\_CancelRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_CancelRQ xmlns="http://www.opentravel.org/OTA/2003/05" TimeStamp="2011-07-11T13:01:00"
3 Target="Production" Version="3.30" PrimaryLangID="en" AltLangID="en" CancelType="Modify">
4
5 <!-- The attribute 'CancelType' must have a value of "Modify" for specifying No-Show. -->
6
7 <POS>...</POS>
8 <UniqueID Type="18" ID="644988" ID_Context="CLTZ"
9 URL="urn:cultuzz:cultswitch:xml:request:cancelrq:noshow"/>
10 <UniqueID Type="10" ID="12400" ID_Context="CLTZ" />
11
12 <!-- The "UniqueID" element with attribute Type="18" ("Other" as per OTA CodeList "UIT"),
13 specifies that the No-Show is being informed by the PMS and the accordant booking
14 number is then specified in the attribute ID (Booking_ID).-->
15
16 <!-- Having a value of "urn:cultuzz:cultswitch:xml:request:cancelrq:noshow" for
17 attribute 'URL' is must, in order to understand this request is for a No-Show. -->
18
19 <!-- The "UniqueID" element with attribute Type="10" specifies accommodation and holds
20 accommodation id under the attribute 'ID'. -->
21
22 <TPA_Extensions>
23 <Reasons>
24 <Reason Language="en" Type="reason for test NoShow"></Reason>
25 </Reasons>
26 </TPA_Extensions>
27 </OTA_CancelRQ>
```



### 5.12.2 Response Message No-Show (OTA\_CancelRS)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_CancelRS Status="Unsuccessful" Target="Production"
3 TimeStamp="2011-07-11T13:01:02"
4 TransactionIdentifier="933d22d8-7338-428c-85e0-42bdbbf96ee5--401574288"
5 Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6
7 <!-- The attribute 'Status' shows the type of response, but there must be a Success
8 element also. -->
9
10 <Success/>
11
12 <!-- If No-Show update failed, then it returns an error.
13
14 <Errors>
15 <Error Code="0" Type="3">
16 <![CDATA[The Arrival date is in Future! Please cancel the Booking using OTA_CancelRQ.]]>
17 </Error>
18 </Errors>
19 -->
20
21 <TPA_Extensions>
22 <ResponseTime ProcessTime="2.044" ProcessTimeUnit="Seconds"
23 RequestStartTime="2011-07-11 13:01:00.782"
24 ResponseEndTime="2011-07-11 13:01:02.826"/>
25 </TPA_Extensions>
26 </OTA_CancelRS>
```

Back to OTA-Messages : [No-Show Update \(OTA\\_CancelRQ/RS\)](#)



## 5.13 OTA\_HotelResNotifRQ

Reservation Notification requests in OTA standard accepted by the CultSwitch

### 5.13.1 ReservationNotifRQ accepted by CultSwitch

```
1 <OTA_HotelResNotifRQ PrimaryLangID="en" ResStatus="Initiate"
2   Target="Production" TimeStamp="2011-07-05T11:09:41" Version="3.30"
3   xmlns="http://www.opentravel.org/OTA/2003/05">
4   <POS>...</POS>
5   <HotelReservations>
6     <HotelReservation CreateDateTime="2011-11-13T17:18:00" ResStatus="Book"
7       RoomStayReservation="true">
8
9     <!-- RoomStayReservation holds "true", if this reservation is reserving rooms, "false" if
10        it is only reserving services. ResStatus indicates the status of the reservation.
11        Depending upon the situation ResStatus can have different values. The attribute
12        ResStatus="Book" specifies booking and the ResStatus="Modify" specifies that the
13        booking has completed and needs to be modified. The ResStatus with "Cancel"
14        specifies to Cancel a reservation. "CreateDateTime" holds the information at what
15        time the reservation has performed on channel side. -->
16
17     <RoomStays>
18       <RoomStay IndexNumber="11">
19         <RoomTypes>
20
21         <!-- NumberOfUnits specifies the number of booked units of RoomType specified under
22            'RoomTypeCode' for this specific booking. -->
23
24         <RoomType NumberOfUnits="2" RoomTypeCode="38397">
25           <RoomDescription Name="Double Bed Room_Apr24">
26             <Text/>
27           </RoomDescription>
28
29           <!--CultSwitch supports Add-Ons in separate elements. PMS's needs to configure this feature
30              at CultSwitch end. And if PMS asks with ReqRespVersion "3.42" then they will get both Day Level
31              And Room Level Add-Ons. -->
32
33           <AdditionalDetails>
34             <AdditionalDetail Amount="5.00">
35               <DetailDescription>
36                 <Text><![CDATA[RMA:1030::RMAName:Parking space::AddOnName:
37                   Parkplatz::PM:1]]></Text>
38               </DetailDescription>
39             </AdditionalDetail>
40           </AdditionalDetails>
41
42           <!-- "Room Level Add-Ons" For RoomTypeCode 38397 and for the whole stay, an add-on of amount
43              of 5.00 of Hotel Base Currency has been booked. The add-on name as per OTA Room Amenity Code
44              is Parking space. The add-on name as received from the channel is Partplatz -->
45
46           </RoomType>
47         </RoomTypes>
48       </RoomStay>
49     </HotelReservation>
50   </HotelReservations>
51   <RoomRate RatePlanCode="23412" NumberOfUnits="1" RoomTypeCode="38397">
52     <Rates>
53       <Rate EffectiveDate="2011-11-29">
54         <Base AmountAfterTax="81" CurrencyCode="EUR"/>
55         <RateDescription Name="Guests:5">
56           <Text><![CDATA[RMA:189::RMAName:Breakfast::AddOnName:
57             FrÃijhstÃijck::PM:4]]></Text>
58           <Text><![CDATA[RMA:225::RMAName:Internet::AddOnName:
59             Internet::PM:3]]></Text>
60         </RateDescription>
61         <AdditionalCharges>
62           <AdditionalCharge Quantity="1" RoomAmenityCode="189">
63             <Amount AmountAfterTax="15.00"/>
64           </AdditionalCharge>
65           <AdditionalCharge RoomAmenityCode="225">
66             <Amount AmountAfterTax="5.00"/>
67           </AdditionalCharge>
68         </AdditionalCharges>
69
70         <!-- "Day Level Add-Ons", For given date and for a guest count of 5, the base amount of the
71            room code 38397 is 81. There are two add-ons booked with RMA Code 189 and 225, for this
72            room code 38397 (present in product id 23412). The price of the add-on with RMA code 189
73            is 15.00 and add-on with RMA code 225 is 5.00. -->
74
75         </Rate>
76       <Rate EffectiveDate="2011-11-30">
77         <Base AmountAfterTax="81" CurrencyCode="EUR"/>
78         <RateDescription Name="write some comment"/>
79       </Rate>
```

**cultuZZ.**

```

79         </Rates>
80     <Total AmountAfterTax="162.00"/>
81     </RoomRate>
82 </RoomRates>
83 <GuestCounts IsPerRoom="false">
84     <GuestCount Count="2" AgeQualifyingCode="10"/>
85 </GuestCounts>
86 <TimeSpan Start="2011-11-29" End="2011-11-31"/>
87 <Total CurrencyCode="EUR" AmountAfterTax="162.00"/>
88 <Guarantee GuaranteeType="CC/DC/Voucher"/>
89 <Comments>
90     <Comment>
91         <Text>non-smoking Room </Text><!-- These are Room level comments -->
92     </Comment>
93 </Comments>
94 <Reference Instance="1" ID_Context="SourceOfProduct"/>
95
96 <!-- The above element "Reference" is mandatory to identify the products (ID's) belongs to
97 CultSwitch or Distributor. Instance="1" refers to CultSwitch product ID's and
98 Instance="0" refers to Distributor product ID's. -->
99
100 </RoomStay>
101 </RoomStays>
102 <ResGuests>
103     <ResGuest>
104         <Profiles>
105             <ProfileInfo>
106                 <Profile ProfileType="1">
107
108 <!-- Some channels can push two kind of addresses on the Reservation Notifications are,
109 Booker address and Billing address. Here ProfileType="1" specifies Booker address
110 and UseType = "3" in Address element specifies Billing address-->
111
112                 <Customer Gender="Male">
113                     <PersonName>
114                         <NameTitle>Mr. </NameTitle>
115                         <GivenName>Robert</GivenName>
116                         <Surname>Williams</Surname>
117                     </PersonName>
118                     <Telephone PhoneNumber="+492622559" PhoneTechType="1"/>
119                     <Email><![CDATA[cultswitch-support@cultuzz.com]]></Email>
120                     <Address> <!-- Booker address -->
121                         <AddressLine>3rd Lane</AddressLine>
122                         <CityName>Visakhapatnam</CityName>
123                         <PostalCode>530016</PostalCode>
124                         <StateProv>AndhraPradesh</StateProv>
125                         <CountryName>India</CountryName>
126                     </Address>
127                     <Address UseType= "3">
128
129 <!-- Different accepted values for the attribute UseType are "3"-Billing, "2"-Mailing,
130 "1"-Delivery, "5"-Other -->
131
132                         <AddressLine>Mr</AddressLine>
133                         <AddressLine>Smith</AddressLine>
134                         <AddressLine>321 Myrtle Lane</AddressLine>
135                         <CityName>Latrobe</CityName>
136                         <PostalCode>15650</PostalCode>
137                         <StateProv>PA</StateProv>
138                         <CountryName>USA</CountryName>
139                     </Address>
140                     <PaymentForm>
141                         <PaymentCard ExpireDate="1014" SeriesCode="435"
142                             CardNumber="53082872364" CardCode="CA" CardType="1">
143                             <CardHolderName>CARMEN BACH</CardHolderName>
144                         </PaymentCard>
145                     </PaymentForm>
146                 </Customer>
147             </ProfileInfo>
148         </Profiles>
149         <Comments>
150             <Comment>
151                 <Text>I will come to hotel early morning only </Text>
152             </Comment>
153 <!-- These comments are usually made by the Booker( Guest) termed as Booker Remarks-->
154
155             </Comment>
156         </Comments>
157     </ResGuest>
158 </ResGuest ResGuestRPH="11-2149699-23412">
159
160 <!-- Each <ResGuest> element should contain attribute "ResGuestRPH" with the value to
161 be a combination of "RoomStay->IndexNumber" and "RoomTypeCode". For example, if
162 the IndexNumber given for RoomStay is "11" and if the room code to which this
163 ResGuest is referring to is "2149699" and RatePlanCode is "23412" then the
164 ResGuestRPH would be "11-2149699-23412".
165

```

**cultuzz.**

```

166     We shall map them internally as required.
167     <ResGuest ResGuestRPH="11-2149699-23412"> -->
168
169     <GuestCounts IsPerRoom="true">
170       <GuestCount AgeQualifyingCode="10" Count="2"/>
171     </GuestCounts>
172     <Profiles>
173       <ProfileInfo>
174         <Profile>
175           <Customer Gender="Male">
176             <PersonName>
177               <NameTitle>Mr. </NameTitle>
178               <GivenName>John</GivenName>
179               <Surname>Doe</Surname>
180             </PersonName>
181             <Telephone PhoneNumber="1231223421" PhoneTechType="1"/>
182             <Email>john.doe@cultuzz.com</Email>
183             <Address>
184               <AddressLine>321 Cultuzz Lane</AddressLine>
185               <CityName>Friedrich</CityName>
186               <PostalCode>15650</PostalCode>
187               <StateProv>BR</StateProv>
188               <CountryName>GER</CountryName>
189             </Address>
190           </Customer>
191         </Profile>
192       </ProfileInfo>
193
194     <!-- The second guest information for this room. -->
195
196     <ProfileInfo>
197       <Profile>
198         <Customer Gender="Male">
199           <PersonName>
200             <NameTitle>Mr. </NameTitle>
201             <GivenName>Keith</GivenName>
202             <Surname>Roy</Surname>
203           </PersonName>
204           <Telephone PhoneNumber="1231223421" PhoneTechType="1"/>
205           <Email>john.doe@cultuzz.com</Email>
206           <Address>
207             <AddressLine>321 Cultuzz Lane</AddressLine>
208             <CityName>Friedrich</CityName>
209             <PostalCode>15650</PostalCode>
210             <StateProv>BR</StateProv>
211             <CountryName>GER</CountryName>
212           </Address>
213         </Customer>
214       </Profile>
215     </ProfileInfo>
216   </Profiles>
217 </ResGuest>
218 </ResGuests>
219   <ResGlobalInfo>
220     <Comments>
221       <Comment>
222         <Text>80% will be charged </Text>
223
224     <!-- These are channel comments termed as BuchungChannelRemarks -->
225
226     </Comment>
227   </Comments>
228
229   <!-- To make a reservation with PaymentPolicy of Deposit guarantee type is as follows.
230   -->
231   <DepositPayments>
232     <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
233       InfoSource="PaymentPolicy" PaymentCode="1/2">
234       <AmountPercent Amount="60"/>
235       <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="5"/>
236     </GuaranteePayment>
237   </DepositPayments>
238   For more information, please refer PaymentPolicy creation
239   -->
240   <HotelReservationIDs>
241     <HotelReservationID ResID_SourceContext="TransactionNumber"
242       ResID_Source="hrs" ResID_Value="25478965"/>
243     <HotelReservationID ResID_SourceContext="BookingID"
244       ResID_Source="hrs" ResID_Value="1262461543"/>
245
246   <!-- ResID_Value is the
247   Reservation TransactionID(or BookingId). ResID_Source is Source at which this
248   booking is generated. ResID_SourceContext specifies further details about the
249   ResID_Value. -->
250
251   </HotelReservationIDs>
252 </ResGlobalInfo>

```

**cultuzz.**

```

253     </HotelReservation>
254 </HotelReservations>
255 </OTA_HotelResNotifRQ>

```

---

### 5.13.2 Response message (OTA\_HotelResNotifRS)

```

1  <OTA_HotelResNotifRS PrimaryLangID="en" ResStatus="Initiate"
2      Target="Production" TimeStamp="2011-07-05T11:09:41" Version="3.30"
3      xmlns="http://www.opentravel.org/OTA/2003/05">
4      <Success/>
5      <HotelReservations>
6          <HotelReservation>
7              <ResGlobalInfo>
8                  <HotelReservationIDs>
9                      <HotelReservationID ResID_Source="Cltz" ResID_SourceContext="BookingID"
10                         ResID_Date="2011-07-05T11:09:41" ResID_Value="830006"/>
11
12      <!-- CultSwitch generates bookingId for the HotelResNotifRQ received form Channel. -->
13
14                      <HotelReservationID ResID_Source="Cltz" ResID_SourceContext="CancelledBookingID"
15                         ResID_Date="2011-11-11T06:44:45.295Z" ResID_Value="830020"/>
16                      <HotelReservationID ResID_Source="Cltz" ResID_SourceContext="BookingID"
17                         ResID_Date="2011-11-11T06:44:46.274Z" ResID_Value="830022"/>
18
19      <!-- OTA_HotelResNotifRS for modification means, initially the booking will cancel and
20           then again re-booking will happen for the same bookingId. -->
21
22                      <HotelReservationID ResID_Source="Cltz" ResID_SourceContext="CancelledBookingID"
23                         ResID_Date="2011-11-11T06:48:57.677Z" ResID_Value="830022"/>
24
25      <!--OTA_HotelResNotifRS with cancelled booking Id. -->
26
27                  </HotelReservationIDs>
28              </ResGlobalInfo>
29          </HotelReservation>
30      </HotelReservations>
31 </OTA_HotelResNotifRS>

```

---

**cultuzz.**

### 5.13.3 Invalid and Incomplete Bookings

In general, bookings that arrive from the channels are categorised into three categories namely Valid Bookings, InValid Bookings and InComplete Bookings.

**Invalid Bookings:** The Bookings (that arrive from the channels) which have invalid elementary information, are termed as "Invalid Bookings".

The reason for the invalid bookings is:  
Start Date is after End date (TimeSpan).

If the booking is Invalid booking, then following will be done.

1. Cannot be processed to PMS.
2. In future also they cannot be changed as valid bookings.

**Incomplete Bookings:** The bookings arriving with missing fields of required information are called "Incomplete Bookings". In such cases, those bookings cannot be ignored keeping customer comfort in mind. To resolve such complex situations, those type of bookings will be resolved manually by Cultuzz Interface team. The Interface team will contact the channels and correct the data and once the data is correct, a modification of the booking is applied with the correct data. This modification is then processed to PMS.



The following are some of the reasons for Incomplete Bookings.

The attribute 'Start'/'End' is missing.

Invalid mapping for channel room rate with cltz product.

Non numeric values for the 'AgeQualifyingCode' attribute is not allowed.

Fields related to PaymentInfo are missing.

Fields related to GuestInfo are missing.

CurrencyCode doesn't have a proper value.

**Valid Bookings:** The bookings which does not fall under Invalid or Incomplete Bookings are termed as "Valid Bookings".

If a booking is valid booking, then following will be done.

Booking processed to PMS.

CultSwitch sent a mail to hotelier.

Booking is displayed in CSI.

Back to OTA-Messages : [Reservation Completion Notification \(OTA\\_HotelResNotifRQ\)](#)

## 5.14 OTA\_HotelRoomListRQ/RS

If there are multiple rates setup for a Product based on the Occupancy, then CultSwitch considers it as a "Variant Price Product". In such cases, CultSwitch has the capability to provide the Dynamic Data in the following different configurations:

### 1. Default Configuration:

CultSwitch provides Availability and Rates only for the Base/Standard Occupancy setup for each of the Product, mapped to the Channel. This is the default configuration available for the Receiver System, when receiving notifications.

### 2. Code 1:

Request based on Occupancy 1/Occupancy 1 and Base Occupancy:

#### Example:

Case a:

Lets say, Product XYZ has a Min Occupancy = 1 and Base Occupancy = 3. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the following Occupancies.

- \*Availability and Rates based on occupancy 1

- \*Availability and Rates based on occupancy 3 (i.e. Base Occupancy)

Case b:

Lets say, Product ABC has a Min Occupancy = 2 and Base Occupancy = 4. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the following Occupancies.

- \*Availability and Rates based on occupancy 4 (i.e. Base Occupancy)

Case c:

Lets say, Product LMN has a Min Occupancy = 1 and Base Occupancy = 1. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the following Occupancies.

- \*Availability and Rates based on occupancy 1 (i.e. Min Occupancy = Base Occupancy)

### 3. Code 2:

Request based on FinalMaxOccupancy: If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the Final Max Occupancy defined for the Product.

#### Example:

Lets say, Product XYZ has a Min Occupancy = 1, Base Occupancy = 2 and Final Max Occupancy = 3. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the following Occupancies.

- \*Availability and Rates based on occupancy 3 (i.e. Final Max Occupancy)

### 4. Code 3:

Request based on Availability without Product Allotment: If the Receiver System opted for this configuration, then the notification contains the Dynamic Data without splitting the Room availability among its connected Products.

#### Example:

Lets say, a Room ABC has an availability of 9. It is now connected to two Products à Product XYZ and Product LMN. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data as follows:

- \*Availability is provided as 10 for each of the Product (i.e. without availability splitting).

### 5. Code 6:

Request based between Min and Max Occupancy: If the Receiver System opted for this



configuration, then the notification contains the Dynamic Data for each of the Occupancy between the Min Occupancy and Max Occupancy defined for the Product.

#### Example:

Lets say, Product XYZ has a Min Occupancy = 1, Base Occupancy = 2 and Final Max Occupancy = 4. If the Receiver System opted for this configuration, then the notification contains the Dynamic Data for the following Occupancies.

- \*Availability and Rates based on occupancy 1
- \*Availability and Rates based on occupancy 2
- \*Availability and Rates based on occupancy 3
- \*Availability and Rates based on occupancy 4

#### Precondition

Based on Channel Capability of the Receiver Syatem, Distributor/Channel can optionally choose any one of the above configurations. The Distributor/Channel has to contact [partner-management@cultuzz.com](mailto:partner-management@cultuzz.com) when opting for a particular configuration.



### 5.14.1 Request Message (OTA\_HotelRoomListRQ)

This message can be used to push the available rooms and available products to Partner Systems through CultSwitch Notifications. RatePlanType of value "11" determines packages, using the defined RatePlanType within the [OTA-CodeTable](#) (RPT) or in our terms "products" to be searched.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelRoomListRQ EchoToken="9876" Target="Production" Version="1.002"
3      xmlns="http://www.opentravel.org/OTA/2003/05"
4      xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
5      xsi:schemaLocation="http://www.opentravel.org/OTA/2003/05OTA_HotelRoomListRQ.xsd">
6      <POS>
7          <Source>
8              <RequestorID Type="10" ID="XXXXX"/> <!-- Here ID describes Hotel ID. -->
9              <BookingChannel Type="7"/>
10             </Source>
11         </POS>
12         <HotelRoomLists>
13             <HotelRoomList>
14                 <RoomStays>
15                     <RoomStay>
16                         <RoomTypes>
17                             <RoomType RoomTypeCode="82909">
18                                 <RoomDescription Name="1_KITCHEN_1_STORE_ROOM_1_HALL_1_BATHROOM_212027de">
19                                     </RoomDescription>
20                                 <AdditionalDetails>
21                                     <AdditionalDetail Code="5" Type="4"/>
22                                 </AdditionalDetails>
23                             </RoomType>
24
25                             <!-- As an anchor for product description, we deliver an additional <RoomType> for
26                                  each product. -->
27
28                             <RoomType IsRoom="false" NumberOfUnits="50" RoomTypeCode="PD109077"/>
29                             <RoomType IsRoom="false" NumberOfUnits="50" RoomTypeCode="PD108933"/>
30
31                             <!-- Here, we provide the information about the (NumberOfUnits="50") no. of units
32                                  of the products available. As you can see the attribute âRoomTypeCodeâ, the
33                                  value builds from the prefix "PD" and the product-IDs (109077, 108933). This
34                                  reference has no meaning outside this response. -->
35
36                             <!-- By defining the attribute IsRoom="false", we indicate that RoomTypeCode
37                                  holds a non-room element. -->
38
39                             <RoomType RoomTypeCode="82817">
40                                 <RoomDescription Name="EZ Komfort">
41                                     <Text><![CDATA[EZ Komfort]]></Text>
42                                 </RoomDescription>
43                                 <AdditionalDetails>
44                                     <AdditionalDetail Code="5" Type="4"/>
45                                 </AdditionalDetails>
46                             </RoomType>
47                             <RoomType IsRoom="false" NumberOfUnits="9" RoomTypeCode="PD108669"/>
48                             <RoomType RoomTypeCode="82821">
```

```

49     <RoomDescription Name="validity test room">
50         <Text><![CDATA[validity test room]]></Text>
51     </RoomDescription>
52     <AdditionalDetails>
53         <AdditionalDetail Code="1" Type="4"/>
54     </AdditionalDetails>
55 </RoomType>
56 <RoomType IsRoom="false" NumberOfUnits="5" RoomTypeCode="PD108639"/>
57 <RoomType RoomTypeCode="82665">
58     <RoomDescription Name="EZ Komfort">
59         <Text><![CDATA[EZ Komfort]]></Text>
60     </RoomDescription>
61     <AdditionalDetails>
62         <AdditionalDetail Code="7" Type="4"/>
63     </AdditionalDetails>
64 </RoomType>
65 <RoomType IsRoom="false" NumberOfUnits="18" RoomTypeCode="PD108637"/>
66 <RoomType IsRoom="false" NumberOfUnits="9" RoomTypeCode="PD108629"/>
67 </RoomTypes>
68 <RatePlans>
69     <RatePlan RatePlanID="109077"
70         RatePlanName="1_KITCHEN_1_STORE_ROOM_1_HALL_1_BATHROOM_212027de"
71         RatePlanType="11">
72
73         <!-- The detailed information for each product (besides its price) is
74             delivered by a <RatePlan>. -->
75         <!-- For instance, the <RatePlan> for the product is determined by the
76             RatePlanID="109077" and the RatePlanType="11" is must. -->
77         <!-- A short description of the product is delivered by RatePlanName attribute. -->
78
79         <Guarantee GuaranteeCode="1" GuaranteeType="None"/>
80
81         <AdditionalDetails/>
82
83         <!-- A list of <Image> and a list of <URL> are provided via the <AdditionalDetails>.
84             <AdditionalDetail Type="12"> <DetailDescription Language="de" Name="layout">
85             <Image> <![CDATA[http://extweb.cultuzz.de/ /img_24538.jpg]]></Image> or
86             <URL><![CDATA[http://www.cultuzz.de]]></URL> </DetailDescription>
87             </AdditionalDetail> -->
88
89         <RatePlanDescription Name="NEU: Barrierefreie">
90             <Text Formatted="true" Language="de">
91                 <![CDATA[Zum Gesamtpreis sind bei der Unterkunft]]>
92             </Text>
93         </RatePlanDescription>
94
95         <!-- Within the <RatePlanDescription> we can find more detailed information about the
96             product. This description consists a list of describing text for different languages
97             (see attribute language=" "). -->
98
99     <CancelPenalties>
100         <CancelPenalty PolicyCode="1">
101             <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="day"
102                 OffsetUnitMultiplier="1"/>
103             <AmountPercent BasisType="FullStay"/>
104         </CancelPenalty>
105         <CancelPenalty ConfirmClassCode="NoShowPolicy" PolicyCode="1">
106             <AmountPercent BasisType="Nights" NmbOfNights="1"/>
107         </CancelPenalty>
108     </CancelPenalties>
109
110     <!-- As a part of each available product, we deliver the relevant cancellation conditions
111         within the <CancelPenalty> element.-->
112
113     <MealsIncluded Breakfast="false"/>
114
115     <!-- or <MealsIncluded Breakfast="true" MealPlanCodes="[17]" /> -->
116     <!-- MealPlanCodes holds the codes from the table Meal Plan Type
117         (MPT) in the main document -->
118
119 </RatePlan>
120 <RatePlan RatePlanID="108933" RatePlanName="VILLA PANORAMABLICK"
121     RatePlanType="11">
122     <Guarantee GuaranteeCode="1" GuaranteeType="None"/>
123     <AdditionalDetails/>
124     <RatePlanDescription/>
125     <CancelPenalties/>
126     <MealsIncluded Breakfast="true" MealPlanCodes="[17]" />
127 </RatePlan>
128 <RatePlan RatePlanID="108669" RatePlanName="EZ Komfort"
129     RatePlanType="11">
130     <Guarantee GuaranteeCode="1" GuaranteeType="None"/>
131     <AdditionalDetails/>
132     <RatePlanDescription Name="Single Room Comfort">
133         <Text Formatted="true" Language="en"><![CDATA[Single Room Comfort]]>
134     </Text>
135 </RatePlanDescription>

```

**cultuzz.**



```

136         <CancelPenalties/>
137         <MealsIncluded Breakfast="true" MealPlanCodes="[11]"/>
138     </RatePlan>
139     <RatePlan RatePlanID="108639" RatePlanName="validity test room" RatePlanType="11">
140         <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
141         <AdditionalDetails/>
142         <RatePlanDescription/>
143         <CancelPenalties/>
144         <MealsIncluded Breakfast="false"/>
145     </RatePlan>
146     <RatePlan RatePlanID="108637" RatePlanName="EZ Komfort"
147         RatePlanType="11">
148         <Guarantee GuaranteeCode="1" GuaranteeType="None"/>
149         <AdditionalDetails/>
150         <RatePlanDescription Name="Single Room Comfort">
151             <Text Formatted="true" Language="en">
152                 <![CDATA[Single Room Comfort]]></Text>
153             </RatePlanDescription>
154             <CancelPenalties/>
155             <MealsIncluded Breakfast="true" MealPlanCodes="[11]"/>
156         </RatePlan>
157         <RatePlan RatePlanID="108629" RatePlanName="EZ Komfort"
158             RatePlanType="11">
159             <Guarantee GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"/>
160             <AdditionalDetails>
161                 <AdditionalDetail Type="12">
162                     <DetailDescription Language="de" Name="EZ Komfort">
163                         <Image><![CDATA[http://cms.cultuzz.com/cms_uploads//service
164                             /_img/bv/2013/331/AA/051152_P1030311_376x200.jpg]]></Image>
165                     </DetailDescription>
166                 </AdditionalDetail>
167                 <AdditionalDetail Type="12">
168                     <DetailDescription Language="de" Name="EZ Komfort">
169                         <Image><![CDATA[http://cms.cultuzz.com/cms_uploads//service/_img/bv/2013
170                             /331/AA/051149_181123_1072115_549878538405560_1943204538_o
171                             _376x200.jpg]]>
172                     </Image>
173                     </DetailDescription>
174                 </AdditionalDetail>
175                 <AdditionalDetail Type="12">
176                     <DetailDescription Language="de" Name="EZ Komfort">
177                         <Image><![CDATA[http://cms.cultuzz.com/cms_uploads//service/_img/bv
178                             /2013/331/AA/051157_P1030522_376x200.jpg]]>
179                     </Image>
180                     </DetailDescription>
181                 </AdditionalDetail>
182                 <AdditionalDetail Type="12">
183                     <DetailDescription Language="de" Name="EZ Komfort">
184                         <Image><![CDATA[http://cms.cultuzz.com/cms_uploads//service/_img/bv
185                             /2013/331/AA/051159_P1030552_376x200.jpg]]>
186                     </Image>
187                     </DetailDescription>
188                 </AdditionalDetail>
189             </AdditionalDetails>
190             <RatePlanDescription/>
191             <CancelPenalties/>
192             <MealsIncluded Breakfast="false"/>
193         </RatePlan>
194     </RatePlans>
195     <RoomRates>
196         <RoomRate NumberOfUnits="1" RatePlanID="109077" RatePlanType="11"
197             RoomTypeCode="82909"/>
198         <RoomRate RatePlanID="109077" RatePlanType="11" RoomTypeCode="PD109077">
199             <Rates>
200                 <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
201                     MaxLOS="999" MinLOS="1" NumberOfUnits="50">
202                     <RateDescription LastModifyDateTime="2014-05-08T00:00:00"
203                         Name="AvailabilityReport">
204                         <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
205                         <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
206                         <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
207                         <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
208                         <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
209                         <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
210                         <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
211                         <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
212                     </RateDescription>
213                     <Base AmountAfterTax="99.00" CurrencyCode="EUR"/>
214                     <PaymentPolicies>
215                         <GuaranteePayment GuaranteeCode="5" GuaranteeType="Deposit"
216                             RPH="GuaranteePolicy"/>
217                         <GuaranteePayment GuaranteeCode="5" RPH="RequiredPayment">
218                             <AmountPercent Amount="20"/>
219                             <Deadline OffsetTimeUnit="Day" OffsetUnitMultiplier="1"/>
220                         </GuaranteePayment>
221                     </PaymentPolicies>
222                     <CancelPolicies>

```

**cultuzz.**

```

223         <CancelPenalty ConfirmClassCode="CancelPolicy">
224             <Deadline OffsetDropTime="BeforeArrival" OffsetTimeUnit="Day"
225                 OffsetUnitMultiplier="15"/>
226             <AmountPercent BasisType="FullStay" NmbrOfNights="1" Percent="40.00"/>
227         </CancelPenalty>
228         <CancelPenalty ConfirmClassCode="NoShowPolicy">
229             <Deadline/>
230             <AmountPercent BasisType="FullStay" Percent="40.00"/>
231         </CancelPenalty>
232     </CancelPolicies>
233     <TPA_Extensions>
234         <Descriptions>
235             <Description Name="RateDescription">
236
237         <!-- The <Description> element with attribute <Name> having value "RateDescription"
238              provides necessary information about the price break-up that has been applied
239              to come up with a final given price. The following example gives a typical and
240              more broader overview about how the price break up is performed -->
241
242         <Text Language="EN"><![CDATA[Price breakup description for 2 adult(s)]]></Text>
243         <Text Language="EN"><![CDATA[Price is calculated for 2 adult(s)]]></Text>
244         <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total calculated
245              price of '99.0': [ 99.0 ]]]></Text>
246
247         <!-- <Text Language="EN"> <![CDATA[Applied fixed price of <100.52> for <2>
248              adults :<100.52>]]></Text>
249         <Text Language="EN"> <![CDATA[Applied a weekday supplement surcharge of percent
250              <20.0>: <100.52>]]> </Text>
251         <Text Language="EN"> <![CDATA[Applied reduction of <20.0> percent on daily
252              price of <100.0> for <1st>- child : <20.0>]]> </Text>
253         <Text Language="EN"> <![CDATA[Applied a weekday supplement surcharge of percent
254              <20.0>: <20.0>]]> </Text>
255         <Text Language="EN"> <![CDATA[Added Child discount of <20.0> to Total Adults
256              price of <100.52>: <120.52>]]> </Text> -->
257
258             </Description>
259         </Descriptions>
260     </TPA_Extensions>
261 </Rate>
262 </Rates>
263 </RoomRate>
264 <RoomRate NumberOfUnits="1" RatePlanID="108933" RatePlanType="11"
265             RoomTypeCode="82909"/>
266 <RoomRate RatePlanID="108933" RatePlanType="11" RoomTypeCode="PD108933">
267     <Rates>
268         <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true" MaxLOS="1"
269             MinLOS="1" NumberOfUnits="50">
270             <RateDescription LastModifyDateTime="2014-05-08T00:00:00"
271                 Name="AvailabilityReport">
272                 <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
273                 <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
274                 <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
275                 <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
276                 <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
277                 <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
278                 <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
279                 <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
280             </RateDescription>
281             <Base AmountAfterTax="99.00" CurrencyCode="EUR"/>
282             <CancelPolicies/>
283             <PaymentPolicies>
284                 <GuaranteePayment GuaranteeCode="1" GuaranteeType="None"
285                     RPH="GuaranteePolicy"/>
286             </PaymentPolicies>
287             <TPA_Extensions>
288                 <Descriptions>
289                     <Description Name="RateDescription">
290                         <Text Language="EN"><![CDATA[Price breakup description for 2
291                             adult(s)]]></Text>
292                         <Text Language="EN"><![CDATA[Price is calculated for 2 adult(s)]]>
293                         </Text>
294                         <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total
295                             calculated price of '99.0': [ 99.0 ]]]></Text>
296                     </Description>
297                 </Descriptions>
298             </TPA_Extensions>
299         </Rate>
300     </Rates>
301 </RoomRate>
302 <RoomRate NumberOfUnits="1" RatePlanID="108669" RatePlanType="11"
303             RoomTypeCode="82817"/>
304 <RoomRate RatePlanID="108669" RatePlanType="11" RoomTypeCode="PD108669">
305     <Rates>
306         <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
307             MaxLOS="999" MinLOS="1" NumberOfUnits="9">
308             <RateDescription LastModifyDateTime="2014-04-09T00:00:00"
309                 Name="AvailabilityReport">

```

**cultuzz.**

```

310     <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
311     <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
312     <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
313     <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
314     <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
315     <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
316     <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
317     <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
318   </RateDescription>
319   <Base AmountAfterTax="65.00" CurrencyCode="EUR"/>
320   <CancelPolicies/>
321   <PaymentPolicies>
322     <GuaranteePayment GuaranteeCode="1" GuaranteeType="None"
323       RPH="GuaranteePolicy"/>
324   </PaymentPolicies>
325   <TPA_Extensions>
326     <Descriptions>
327       <Description Name="RateDescription">
328         <Text Language="EN"><![CDATA[Price breakup description for
329           2 adult(s)]]></Text>
330         <Text Language="EN"><![CDATA[Price is calculated for 2
331           adult(s)]]></Text>
332         <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total
333           calculated price of '65.0': [ 65.0 ]]]></Text>
334       </Description>
335     </Descriptions>
336   </TPA_Extensions>
337 </Rate>
338 </Rates>
339 </RoomRate>
340 <RoomRate NumberOfUnits="1" RatePlanID="108639" RatePlanType="11"
341   RoomTypeCode="82821"/>
342 <RoomRate RatePlanID="108639" RatePlanType="11" RoomTypeCode="PD108639">
343   <Rates>
344     <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
345       MaxLOS="999" MinLOS="1" NumberOfUnits="5">
346       <RateDescription LastModifyDateTime="2014-04-07T00:00:00"
347         Name="AvailabilityReport">
348         <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
349         <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
350         <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
351         <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
352         <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
353         <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
354         <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
355         <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
356       </RateDescription>
357       <Base AmountAfterTax="3500.00" CurrencyCode="EUR"/>
358       <CancelPolicies/>
359       <PaymentPolicies>
360         <GuaranteePayment GuaranteeCode="3" GuaranteeType="CC/DC/Voucher"
361           RPH="GuaranteePolicy"/>
362       </PaymentPolicies>
363       <TPA_Extensions>
364         <Descriptions>
365           <Description Name="RateDescription">
366             <Text Language="EN"><![CDATA[Price breakup description for 2
367               adult(s)]]></Text>
368             <Text Language="EN"><![CDATA[Price is calculated for 2 adult(s)]]>
369             </Text>
370             <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total
371               calculated price of '3500.0': [ 3500.0 ]]]></Text>
372           </Description>
373         </Descriptions>
374       </TPA_Extensions>
375     </Rate>
376   </Rates>
377 </RoomRate>
378 <RoomRate NumberOfUnits="1" RatePlanID="108637" RatePlanType="11"
379   RoomTypeCode="82665"/>
380 <RoomRate RatePlanID="108637" RatePlanType="11" RoomTypeCode="PD108637">
381   <Rates>
382     <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
383       MaxLOS="999" MinLOS="1" NumberOfUnits="18">
384       <RateDescription LastModifyDateTime="2014-04-09T00:00:00"
385         Name="AvailabilityReport">
386       <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
387       <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
388       <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
389       <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
390       <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
391       <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
392       <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
393       <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
394     </RateDescription>
395     <Base AmountAfterTax="58.50" CurrencyCode="EUR"/>
396     <CancelPolicies/>

```

**cultuzz.**

```

397     <PaymentPolicies>
398         <GuaranteePayment GuaranteeCode="1" GuaranteeType="None"
399             RPH="GuaranteePolicy"/>
400     </PaymentPolicies>
401     <TPA_Extensions>
402         <Descriptions>
403             <Description Name="RateDescription">
404                 <Text Language="EN"><![CDATA[Price breakup description for 1
405                     adult(s)]]></Text>
406                 <Text Language="EN"><![CDATA[Price is calculated for 1 adult(s)]]>
407                 </Text>
408                 <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total
409                     calculated price of '65.0': [ 65.0 ]]]>
410                 </Text>
411             </Description>
412         </Descriptions>
413     </TPA_Extensions>
414 </Rate>
415 </Rates>
416 </RoomRate>
417 <RoomRate NumberOfUnits="1" RatePlanID="108629" RatePlanType="11"
418     RoomTypeCode="82817"/>
419 <RoomRate RatePlanID="108629" RatePlanType="11" RoomTypeCode="PD108629">
420     <Rates>
421         <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
422             MaxLOS="999" MinLOS="1" NumberOfUnits="9">
423             <RateDescription LastModifyDateTime="2014-04-09T00:00:00"
424                 Name="AvailabilityReport">
425                 <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
426                 <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
427                 <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
428                 <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
429                 <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
430                 <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
431                 <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
432                 <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
433             </RateDescription>
434             <Base AmountAfterTax="65.00" CurrencyCode="EUR"/>
435             <CancelPolicies/>
436             <PaymentPolicies>
437                 <GuaranteePayment GuaranteeCode="1" GuaranteeType="None"
438                     RPH="GuaranteePolicy"/>
439             </PaymentPolicies>
440             <TPA_Extensions>
441                 <Descriptions>
442                     <Description Name="RateDescription">
443                         <Text Language="EN"><![CDATA[Price breakup description for 2
444                             adult(s)]]></Text>
445                         <Text Language="EN"><![CDATA[Price is calculated for 2 adult(s)]]>
446                         </Text>
447                         <Text Language="EN"><![CDATA[Added Child amount of '0.0' to Total
448                             calculated price of '65.0': [ 65.0 ]]]></Text>
449                     </Description>
450                 </Descriptions>
451             </TPA_Extensions>
452         </Rate>
453     </Rates>
454 </RoomRate>
455 </RoomRates>
456 <GuestCounts>
457     <GuestCount AgeQualifyingCode="10" Count="2"/></GuestCounts>
458 <TimeSpan End="2014-06-17" Start="2014-06-16"/>
459 <BasicPropertyInfo HotelCode="12400" HotelName="CultSwitchDocHotel">
460     <Address FormattedInd="false">
461         <StreetNmbr><![CDATA[3rd Lane Ganta Arcade]]></StreetNmbr>
462         <CityName><![CDATA[Visakhapatnam]]></CityName>
463         <PostalCode><![CDATA[859623]]></PostalCode>
464         <StateProv><![CDATA[Berlin]]></StateProv>
465         <CountryName Code="de"><![CDATA[Deutschland]]></CountryName>
466     </Address>
467 </BasicPropertyInfo>
468 </RoomStay>
469 <RoomStay>
470     <RoomTypes>
471         <RoomType RoomTypeCode="82909">
472             <RoomDescription Name="1_KITCHEN_1_STORE_ROOM_1_HALL_1_BATHROOM_212027de">
473                 <Text><![CDATA[1_KITCHEN_1_STORE_ROOM_1_HALL_1_BATHROOM]]></Text>
474             </RoomDescription>
475             <AdditionalDetails>
476                 <AdditionalDetail Code="5" Type="4"/>
477             </AdditionalDetails>
478         </RoomType>
479         <RoomType IsRoom="false" NumberOfUnits="50" RoomTypeCode="PD109077"/>
480         <RoomType IsRoom="false" NumberOfUnits="50" RoomTypeCode="PD108933"/>
481         <RoomType RoomTypeCode="82817">
482             <RoomDescription Name="EZ Komfort">
483                 <Text><![CDATA[EZ Komfort]]></Text>

```

**cultuzz.**

```

484         </RoomDescription>
485         <AdditionalDetails>
486             <AdditionalDetail Code="5" Type="4"/>
487         </AdditionalDetails>
488     </RoomType>
489     <RoomType IsRoom="false" NumberOfUnits="9" RoomTypeCode="PD108669"/>
490     <RoomType RoomTypeCode="82821">
491         <RoomDescription Name="validity test room">
492             <Text><![CDATA[validity test room]]></Text>
493         </RoomDescription>
494         <AdditionalDetails>
495             <AdditionalDetail Code="1" Type="4"/>
496         </AdditionalDetails>
497     </RoomType>
498     <RoomType IsRoom="false" NumberOfUnits="5" RoomTypeCode="PD108639"/>
499     <RoomType RoomTypeCode="82665">
500         <RoomDescription Name="EZ Komfort">
501             <Text><![CDATA[EZ Komfort]]></Text>
502         </RoomDescription>
503         <AdditionalDetails>
504             <AdditionalDetail Code="7" Type="4"/>
505         </AdditionalDetails>
506     </RoomType>
507     <RoomType IsRoom="false" NumberOfUnits="18" RoomTypeCode="PD108637"/>
508     <RoomType IsRoom="false" NumberOfUnits="9" RoomTypeCode="PD108629"/>
509 </RoomTypes>
510 <RatePlans>
511     <RatePlan RatePlanID="108637" RatePlanName="EZ Komfort" RatePlanType="11">
512         <Guarantee GuaranteeCode="1" GuaranteeType="None"/>
513         <AdditionalDetails/>
514         <RatePlanDescription Name="Single Room Comfort">
515             <Text Formatted="true" Language="en"><![CDATA[Single Room Comfort]]>
516             </Text>
517         </RatePlanDescription>
518         <CancelPenalties/>
519         <MealsIncluded Breakfast="true" MealPlanCodes="[11]"/>
520     </RatePlan>
521 </RatePlans>
522 <RoomRates>
523     <RoomRate NumberOfUnits="1" RatePlanID="108637" RatePlanType="11"
524         RoomTypeCode="82665"/>
525     <RoomRate RatePlanID="108637" RatePlanType="11" RoomTypeCode="PD108637">
526         <Rates>
527             <Rate Duration="1" EffectiveDate="2014-06-16" GuaranteedInd="true"
528                 MaxLOS="999" MinLOS="1" NumberOfUnits="18">
529                 <RateDescription LastModifyDateTime="2014-04-09T00:00:00"
530                     Name="AvailabilityReport">
531                     <ListItem ListItem="1"><![CDATA[InventoryValidityAvail]]></ListItem>
532                     <ListItem ListItem="1"><![CDATA[InventoryNoOfUnitsAvail]]></ListItem>
533                     <ListItem ListItem="1"><![CDATA[InventoryDayPriceAvail]]></ListItem>
534                     <ListItem ListItem="1"><![CDATA[ProductValidityAvail]]></ListItem>
535                     <ListItem ListItem="1"><![CDATA[ProductArrivalDayAvail]]></ListItem>
536                     <ListItem ListItem="1"><![CDATA[ProductDepartureDayAvail]]></ListItem>
537                     <ListItem ListItem="1"><![CDATA[ProductAvailableDayAvail]]></ListItem>
538                     <ListItem ListItem="1"><![CDATA[ProductNonRoomValidity]]></ListItem>
539                 </RateDescription>
540                 <Base AmountAfterTax="55.25" CurrencyCode="EUR"/>
541                 <CancelPolicies/>
542                 <PaymentPolicies>
543                     <GuaranteePayment GuaranteeCode="1" GuaranteeType="None"
544                         RPH="GuaranteePolicy"/>
545                 </PaymentPolicies>
546                 <TPA_Extensions>
547                     <Descriptions>
548                         <Description Name="RateDescription">
549                             <Text Language="EN"><![CDATA[Price breakup description for
550                                 1 adult(s)]]></Text>
551                             <Text Language="EN"><![CDATA[Price is calculated for 1
552                                 adult(s)]]></Text>
553                             <Text Language="EN"><![CDATA[Added Child amount of '0.0' to
554                                 Total calculated price of '65.0': [ 65.0 ]]]></Text>
555                         </Description>
556                     </Descriptions>
557                 </TPA_Extensions>
558             </Rate>
559         </Rates>
560     </RoomRate>
561 </RoomRates>
562 <GuestCounts>
563     <GuestCount AgeQualifyingCode="10" Count="1"/>
564 </GuestCounts>
565 <TimeSpan End="2014-06-17" Start="2014-06-16"/>
566 <BasicPropertyInfo HotelCode="12400" HotelName="CultSwitchDocHotel">
567     <Address FormattedInd="false">
568         <StreetNmbr><![CDATA[3rd Lane Ganta Arcade]]></StreetNmbr>
569         <CityName><![CDATA[Visakhapatnam]]></CityName>
570         <PostalCode><![CDATA[859623]]></PostalCode>

```

**cultuzz.**

```
571         <StateProv><![CDATA[Berlin]]></StateProv>
572         <CountryName Code="de"><![CDATA[Deutschland]]></CountryName>
573     </Address>
574 </BasicPropertyInfo>
575 </RoomStay>
576 </RoomStays>
577 </HotelRoomList>
578 </HotelRoomLists>
579 </OTA_HotelRoomListRQ>
```

---

### 5.14.2 Response Message (OTA\_HotelRoomListRS)

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRoomListRS PrimaryLangID="en" Target="Production"
3     TimeStamp="2014-06-11T00:22:12" Version="3.1.1">
4     <Success/>
5 </OTA_HotelRoomListRS>
```

---

Back to OTA-Messages : [OTA\\_HotelRoomListRQ](#)



### 5.14.3 Re-push notification request from Channel(OTA\_HotelAvailNotifRQ)

Channel can request CultSwitch to re-push notification using any of the following parameters:

1. Request based on object ID,
2. Request based on Room ID / Product ID
3. Request based on Date Range for Room ID / Product ID

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailNotifRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
3    xmlns="http://www.opentravel.org/OTA/2003/05" xsi:schemaLocation=
4    "http://www.opentravel.org/OTA/2003/05 OTA_HotelAvailNotifRQ.xsd"
5    Timestamp="2010-05-01T06:39:09" Target="Production" Version="3.30" PrimaryLangID="de">
6    <POS>
7      <Source AgentSine="*****" AgentDutyCode="*****">
8        <RequestorID Type="10" ID="12400"/> <!-- Here, ID specifies Hotel ID -->
9        <BookingChannel Type="7"/>
10     </Source>
11   <!-- OR -->
12   <!-- <Source AgentSine="*****" AgentDutyCode="*****">
13     <BookingChannel Type="7"/>
14   </Source> -->
15   </POS>
16   <AvailStatusMessages HotelCode="12400">
17   <!-- Hotel Code is mandatory for Repush to the Hotel -->
18   <AvailStatusMessage>
19     <UniqueID ID="7563" ID_Context="DistributorID"/>
20     <StatusApplicationControl Start="2011-02-15" End="2011-02-20" RatePlanID="7005"
21       RatePlanType="11"/>
22   </AvailStatusMessage>
23   <AvailStatusMessage>
24     <UniqueID ID="6484" ID_Context="DistributorID"/>
25     <StatusApplicationControl Start="2011-02-15" End="2011-02-20" InvCode="2547"
26       IsRoom="true"/>
27   </AvailStatusMessage>
28   </AvailStatusMessages>
29 </OTA_HotelAvailNotifRQ>
```

**cultuzz.**

### 5.14.4 Response Message (OTA\_HotelAvailNotifRS)

[Request Message \(OTA\\_HotelRoomListRQ/RS\)](#) this message is used to push the available rooms and available products to Partner Systems through CultSwitch Notifications once after sending the success response for Channel's request to re-push notification.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelAvailNotifRS PrimaryLangID="en" Target="Production" Timestamp="2013-11-
3    15T11:26:00" TransactionIdentifier="88986793-2806-40ed-bb29-50daf5027a2a-
4    559589303" Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5    </Success>
6    <TPA_Extensions>
7      <ResponseTime ProcessTime="0.063" ProcessTimeUnit="Seconds" RequestStartTime=
8        "2013-11-15 11:26:00.816" ResponseEndTime="2013-11-15 11:26:00.879"/>
9    </TPA_Extensions>
10 </OTA_HotelAvailNotifRS>
```

Back to OTA-Messages : [Notifications to Distributor\(OTA\\_HotelRoomListRQ/RS\)](#)



## 6 PMS\_Administration

PMS company and PMS software creation and listing.

### 6.1 PMS Company Creation (OTA\_ProfileCreateRQ)

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3    TimeStamp="2001-12-17T09:30:47" Target="Production" Version="3.30" PrimaryLangID="en">
4    <Profile ProfileType="17" RPH="PMS_Company" CreatorID="24612"
5      CreateDateTime="2012-04-02T10:27:00">
6      <Accesses>
7        <Access ActionType="Create" ID="whatever" />
8      </Accesses>
9
10     <!-- To create a PMS, ProfileType should be '17' and RPH as 'PMS_Company' along with
11          ActionType as 'Create'. CreatorID holds userId of the PMS creator. To update a PMS,
12          ActionType should be 'Update'. -->
13
14     <!-- CompanyInfo element holds the complete address of the PMS. -->
15
16     <CompanyInfo>
17       <CompanyName CompanyShortName="Masalojamientos" TravelSector="3"
18         CodeContext="EUR">Masalojamientos.com</CompanyName>
19       <AddressInfo Type="2" UseType="7">
20         <StreetNmbr>Chile 1785</StreetNmbr>
21         <CityName>Mendoza</CityName>
22         <PostalCode>261</PostalCode>
23         <StateProv StateCode="AP">Andhra Pradesh</StateProv>
24         <CountryName Code="AR" />
25       </AddressInfo>
26       <TelephoneInfo FormattedInd="1" DefaultInd="1" PhoneNumber="+54-261-5423005"
27         PhoneTechType="1" />
28       <TelephoneInfo FormattedInd="1" DefaultInd="1" PhoneNumber="+54-261-4200619"
29         PhoneTechType="3" />
30       <Email>masalojamientos@gmail.com</Email>
31       <URL Type="business" DefaultInd="true">www.masalojamientos.com</URL>
32     </CompanyInfo>
33     <TPA_Extensions>
34       <POS>
35         <Source AgentSine="XXXXX" AgentDutyCode="XXXXX"></Source>
36
37       <!-- AgentSine holds username and AgentDutyCode specifies password of the PMS creator.-->
38
39       </POS>
40       <Descriptions>
41         <Description Name = "txt:description_long">
42           <Text>Masalojamientos.com</Text>
43         </Description>
44       </Descriptions>
45     </TPA_Extensions>
46   </Profile>
47 </OTA_ProfileCreateRQ>
```

**cultuzz.**



## 6.2 PMS Software Creation (OTA\_ProfileCreateRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en">
4
5   <Profile ProfileType="17" CreateDateTime="2012-04-02T10:27:00" RPH="PMS_Software"
6     CreatorID="24612">
7     <Accesses>
8       <Access ActionType="Create" ID="151"/>
9
10    <!-- ID holds PMS agentSine to create/update as per the value mentioned in
11      ActionType( Create/update ). -->
12
13    </Accesses>
14    <CompanyInfo>
15      <CompanyName CompanyShortName="Mas" TravelSector="3">Masalojamientos</CompanyName>
16    </CompanyInfo>
17    <PrefCollections>
18      <PrefCollection>
19        <HotelPref>
20          <PropertyTypePref PropertyType="5"></PropertyTypePref>
21
22        <!-- 'PropertyType' indicates different categories listed in Object Type-->
23
24        </HotelPref>
25        <OtherSrvcPref>
26          <OtherSrvcName>Notification</OtherSrvcName>
27
28        <!-- 'OtherSrvcName' should be 'Notification' to indicate that this service sends some
29          notification to the Url mentioned below. -->
30
31        <TPA_Extensions>
32          <UniqueID URL="www.masalojamientos.com/cap/loyal/" ID="1"
33            ID_Context="NotificationType"></UniqueID>
34
35          <!-- Here ID_Context specifies that this notifies on creation of PMS_Software to the
36            url specified under the attribute URL. ID as '1' points to notify to Central system
37            and '2' points to notify to an Individual system. -->
38
39          </TPA_Extensions>
40        </OtherSrvcPref>
41      </PrefCollection>
42    </PrefCollections>
43    <Agreements>
44      <Certification ID="CertificationType">1</Certification>
45
46      <!-- Certification element specifies which type of certification need to be done for
47        this software. '1' indicates availabilities, '2' for Rates and '3' for both rates
48        and availability.
49      -->
50    </Agreements>
51    <TPA_Extensions>
52      <POS>
53        <Source AgentSine="XXXX" AgentDutyCode="XXXX"></Source>
54      </POS>
55    </TPA_Extensions>
56  </Profile>
57 </OTA_ProfileCreateRQ>
```

**cultuzz.**

## 6.3 PMS listing (OTA\_ReadRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Timestamp="2001-12-17T09:30:47" Target="Production" Version="3.30"
4   PrimaryLangID="de" ReservationType="3">
5   <POS>
6     <Source AgentSine="XX" AgentDutyCode="XXXXXXXXXX">
7       <BookingChannel Type="4"/>
8     </Source>
9     <Source>
10      <RequestorID ID="XXXX" Type="1" URL="urn:cultuzz:cultswitch:auth:username"/>
11      <BookingChannel Type="4"/>
12    </Source>
13  </POS>
14  <UniqueID ID="54" ID_Context="PMS_Company" Type="21">UniqueID_Type</UniqueID>
15
16  <!-- To list the details of only one PMS company, We need to mention its AgentSine
17        against the attribute 'ID'. ID as "All" displays all Property Management
18        Systems. Type should always be "21", to identify that it is requested for
19        PMS listing. -->
20
21 </OTA_ReadRQ>
```

**cultuzz.**

### PMS list in OTA\_ProfileReadRS

The response contains the listed Property Management Systems(PMS).

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileReadRS Target="Production" Timestamp="2012-11-15T09:55:08"
3   TransactionIdentifier="0f3604dd-c354-4663-b8ea-593100c67015-230645559"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <Profiles>
7     <ProfileInfo>
8       <Profile>
9         <CompanyInfo>
10          <Email><![CDATA[support@velox-software.com]]></Email>
11          <AddressInfo Type="2" UseType="7">
12            <StreetNmbr><![CDATA[Hartstrasse 99]]></StreetNmbr>
13            <CityName><![CDATA[Germering]]></CityName>
14            <PostalCode><![CDATA[82110]]></PostalCode>
15            <StateProv StateCode="1"><![CDATA[Bayern]]></StateProv>
16            <CountryName Code="DE"/>
17          </AddressInfo>
18          <TelephoneInfo>
19            <PhoneNumber>"+49 (0)89 / 84 93 66 - 30" PhoneTechType="1"/>
20            <TelephoneInfo PhoneNumber="" PhoneTechType="3"/>
21            <CompanyName CodeContext="EUR"
22              CompanyShortName="velox" TravelSector="3"><![CDATA[Velox
23                Software GmbH]]></CompanyName>
24          </CompanyInfo>
25          <TPA_Extensions>
26            <Descriptions>
27              <Description Name="txt:description_long">
28                <Text><![CDATA[Test PMS]]></Text>
29              </Description>
30            </Descriptions>
31          <POS>
32            <Source AgentSine="1"/>
33          </POS>
34        </TPA_Extensions>
35      </Profile>
36      <UniqueID ID="2" ID_Context="Status" URL="urn:cultuzz:cultswitch:status"/>
37    </ProfileInfo>
38  </Profiles>
39 </OTA_ProfileReadRS>
```

## 6.4 PMS Software listing( OTA\_ReadRQ )

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   TimeStamp="2001-12-17T09:30:47" Target="Production" Version="3.30"
4   PrimaryLangID="de" ReservationType="3">
5   <POS>
6     <Source AgentSine="XX" AgentDutyCode="XXXXXXXXXX">
7       <BookingChannel Type="4"/>
8     </Source>
9     <Source>
10      <RequestorID ID="XXXX" Type="1" URL="urn:cultuzz:cultswitch:auth:username"/>
11      <BookingChannel Type="4"/>
12    </Source>
13  </POS>
14  <UniqueID ID="151:199" ID_Context="PMS_SoftwareList" Type="21"/>
15
16  <!-- <UniqueID>ID as "AgentSine:SoftwareID" specifies the requirement of list of
17    PMS_Softwares which match this combination of AgentSine:SoftwareID.
18
19    For Example, if we given like
20    <UniqueID ID="151" ID_Context="PMS_SoftwareList" Type="21"/>
21
22    Then all the PMS_Softwares which mapped to this agentsine (151) will be displayed
23    as response.-->
24
25 </OTA_ReadRQ>
```

**cultuzz.**

### PMS Software list in OTA\_ProfileReadRS

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileReadRS Target="Production" TimeStamp="2012-11-02T12:50:46"
3   TransactionIdentifier="2977dlcc-d6b5-4fe0-acf8-ef9f8153f401-296686232"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <Profiles>
7     <ProfileInfo>
8       <Profile ProfileType="17" RPH="PMS_Software">
9         <PrefCollections>
10           <PrefCollection>
11             <HotelPref>
12               <PropertyTypePref PropertyType="5"><![CDATA[Hotel]]>
13                 </PropertyTypePref>
14             </HotelPref>
15             <OtherSrvcPref>
16               <OtherSrvcName><![CDATA[Notification]]></OtherSrvcName>
17               <TPA_Extensions>
18                 <UniqueID ID="1" URL="www.masalojamientos.com"/>
19               </TPA_Extensions>
20             </OtherSrvcPref>
21           </PrefCollection>
22         </PrefCollections>
23         <Agreements>
24           <AllianceConsortium ID="Certification">
25             <AllianceMember Code="Standard" CodeContext="certifiedFor"
26               CompanyShortName="3.2.0">CultSwitch.3.2.0</AllianceMember>
27             <AllianceMember Code="Premium" CodeContext="certifiedFor"
28               CompanyShortName="3.2.0">CultSwitch.3.2.0</AllianceMember>
29             <AllianceMember Code="Basic" CodeContext="certifiedFor"
30               CompanyShortName="3.1.6">CultSwitch.3.1.6</AllianceMember>
31           </AllianceConsortium>
32           <!-- AllianceMember is useful to know the certification type (Standard/Premium/Basic),
33             CodeContext always should be "certifiedFor" CompanyShortName holds the version of
34             the application ( CultSwitch ). The above specifies that the requested software
35             had certified in the above mentioned certified types and for the specified versions
36             and the following indicates that they are in test phase. -->
37           </AllianceConsortium>
38           <AllianceConsortium ID="Certification_InProgress">
39             <AllianceMember MemberCode="10510" CompanyShortName="3.2.0">
40               CultSwitch.3.2.0</AllianceMember>
41             <AllianceMember MemberCode="122" CompanyShortName="3.2.0">
42               CultSwitch.3.2.0</AllianceMember>
43           </AllianceConsortium>
44           <Certification ID="CertificationType"><![CDATA[1]]></Certification>
45         </Agreements>
46       </Profile>
47       <UniqueID ID="199" ID_Context="PMSSoftware"/>
48     </ProfileInfo>
49   </Profiles>
50 </OTA_ProfileReadRS>
```

## 6.5 Allowing PMS with test AgentSine

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   TimeStamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en">
4   <Profile ProfileType="17" CreateDateTime="2012-04-02T10:27:00" RPH="PMS_Software"
5     CreatorID="24612">
6     <Accesses>
7       <Access ActionType="Update" ID="151:199"/>
8     <!-- ID specifies "AgentSine:SoftwareID" and ActionType should always be "Update"-->
9     </Accesses>
10    <Agreements>
11      <AllianceConsortium ID="Certification_InProgress">
12        <AllianceMember MemberCode="10510"/>
13      <!-- Here, MemberCode holds an accommodationID. -->
14    </AllianceConsortium>
15  </Agreements>
16  <TPA_Extensions>
17    <POS>
18      <Source AgentSine="XXXX" AgentDutyCode="XXXXX">
19        </Source>
20      </POS>
21    </TPA_Extensions>
22  </Profile>
23 </OTA_ProfileCreateRQ>
```

**cultuzz.**

## 6.6 Certifying the AgentSine

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   PrimaryLangID="en" TimeStamp="2001-12-17T09:30:47" Target="Production">
4   <Profile ProfileType="17" CreateDateTime="2012-04-02T10:27:00" RPH="PMS_Software"
5     CreatorID="24612">
6     <Accesses>
7       <Access ActionType="Update" ID="151:199"/>
8     <!-- ID specifies "AgentSine:SoftwareID" and ActionType should always be "Update".-->
9     </Accesses>
10    <Agreements>
11      <AllianceConsortium ID="Certification">
12        <AllianceMember Code="Basic" CodeContext="certifiedFor" />
13      <!-- AllianceMember specifies the certification type and CodeContext should be
14        "certifiedFor" always.-->
15    </AllianceConsortium>
16  </Agreements>
17  <TPA_Extensions>
18    <POS>
19      <Source AgentSine="XXXXX" AgentDutyCode="XXXXX"></Source>
20    </POS>
21  </TPA_Extensions>
22 </Profile>
23 </OTA_ProfileCreateRQ>
```

## 6.7 White listing the PMS

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en">
4   <Profile ProfileType="17" CreateDateTime="2012-04-02T10:27:00" RPH="PMS_Company"
5     CreatorID="24612">
6     <Accesses>
7       <Access ActionType="Update" ID="151"/>
8     <!-- ID specifies 'AgentSine' and ActionType should always be 'Update' -->
9
10    </Accesses>
11    <Agreements>
12      <AllianceConsortium ID="WhiteList">
13        <AllianceMember Code="1" CodeContext="IsAllowed" MemberCode="10510"/>
14      <!-- Code as "1/0" specifies add/remove the PMS to/from WhiteList table and
15        CodeContext should be 'IsAllowed' and MemberCode holds an accommodationID.-->
16    </AllianceConsortium>
17  </Agreements>
18  <TPA_Extensions>
19    <POS>
20      <Source AgentSine="XXXXXX" AgentDutyCode="XXXXX">
21      </Source>
22    </POS>
23  </TPA_Extensions>
24 </Profile>
25 </OTA_ProfileCreateRQ>
```

**cultuzz.**

## 7 Channel\_Administration

Channel Group creation, updation, deletion and listing.

### 7.1 Channel Group creation Request (OTA\_ProfileCreateRQ)

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3    Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en"
4    Version="3.30">
5    <Profile ProfileType="6" RPH="Channel_Group" CreatorID="XXXXX"
6      CreateDateTime="2014-04-25T10:27:00">
7      <Accesses>
8        <Access ActionType="Create" ID="new"/>
9      </Accesses>
10
11    <!-- To create a Channel Group, ProfileType should be "6" and RPH as "Channel_Group"
12    along with the attribute "ActionType" as "Create". -->
13
14    <!-- "CompanyInfo" element holds the complete details of the Channel Group.-->
15
16    <CompanyInfo>
17      <CompanyName CompanyShortName="Test Booking Engine"
18        TravelSector="3">Test Booking Engine</CompanyName>
19    </CompanyInfo>
20    <TPA_Extensions>
21      <POS>
22        <Source AgentDutyCode="XXXXX" AgentSine="XXXXX"/>
23
24    <!-- "AgentSine" holds username and "AgentDutyCode" specifies password of the
25    Channel Group creator.-->
26
27      </POS>
28    </TPA_Extensions>
29  </Profile>
30 </OTA_ProfileCreateRQ>
```

**cultuzz.**

#### Response Message (OTA\_ProfileCreateRS)

The response contains ID and Name of a specific Channel Group.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRS Timestamp="2014-04-25T11:31:57"
3    TransactionIdentifier="cf7ae01a-7f91-4830-b174-eae80999ade5-786430671"
4    Version="3.00" xmlns="http://www.opentravel.org/OTA/2003/05">
5    <Success/>
6    <UniqueID ID="21" ID_Context="Channel_Group" Type="17">
7      <CompanyName CompanyShortName="Test Booking Engine">
8        <![CDATA[Test Booking Engine]]></CompanyName>
9    </UniqueID>
10 </OTA_ProfileCreateRS>
```

## 7.2 Channel Group updation Request (OTA\_ProfileCreateRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en"
4     Version="3.30">
5   <Profile ProfileType="6" RPH="Channel_Group" CreatorID="XXXXXX"
6     CreateDateTime="2012-04-02T10:27:00">
7     <Accesses>
8       <Access ActionType="Update" ID="15"/>
9     </Accesses>
10
11     <!-- To update a Channel Group, "ActionType" should be "Update" and "ID" contains
12          the specific Channel Group ID. -->
13
14     <CompanyInfo>
15       <CompanyName CompanyShortName="Test Web Booking Engine"
16         TravelSector="3">Test Web Booking Engine</CompanyName>
17     </CompanyInfo>
18     <TPA_Extensions>
19       <POS>
20         <Source AgentDutyCode="XXXX" AgentSine="XXXXX"/>
21       </POS>
22     </TPA_Extensions>
23   </Profile>
24 </OTA_ProfileCreateRQ>
```

**cultuzz.**

### Response Message (OTA\_ProfileCreateRS)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRS Timestamp="2014-04-29T07:35:19"
3   TransactionIdentifier="e3442d99-f374-42b2-8efd-e92e6a2f9ecd-619827454"
4   Version="3.00" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <UniqueID ID="21" ID_Context="Channel_Group" Type="17">
7     <CompanyName CompanyShortName="Test Web Booking Engine">
8       <![CDATA[Test Web Booking Engine]]></CompanyName>
9   </UniqueID>
10 </OTA_ProfileCreateRS>
```

## 7.3 Channel Group Deletion Request (OTA\_ProfileCreateRQ)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en"
4     Version="3.30">
5   <Profile ProfileType="6" RPH="Channel_Group" CreatorID="XXXXX"
6     CreateDateTime="2012-04-02T10:27:00">
7     <Accesses>
8       <Access ActionType="Delete" ID="21"/>
9     </Accesses>
10
11     <!-- To delete a Channel Group, "ActionType" should be "Delete" and "ID" contains
12          the specific Channel Group ID. -->
13
14     <CompanyInfo>
15       <CompanyName CompanyShortName="Test Web Booking Engine"
16         TravelSector="3">Test Web Booking Engine</CompanyName>
17     </CompanyInfo>
18     <TPA_Extensions>
19       <POS>
20         <Source AgentDutyCode="XXXX" AgentSine="XXXXX"/>
21       </POS>
22     </TPA_Extensions>
23 </Profile>
24 </OTA_ProfileCreateRQ>
```

**cultuzz.**

### Response Message (OTA\_ProfileCreateRS)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRS Timestamp="2014-04-29T07:43:02"
3   TransactionIdentifier="3a4e81a9-a066-448b-871f-40a0f138989e-943374743"
4   Version="3.00" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <UniqueID ID="21" ID_Context="Channel_Group" Type="17">
7     <CompanyName CompanyShortName="Test Web Booking Engine">
8       <![CDATA[Test Web Booking Engine]]></CompanyName>
9   </UniqueID>
10 </OTA_ProfileCreateRS>
```



## 7.4 Listing Channel Group Details (OTA\_HotelDescriptiveInfoRQ)

Listing of all the Channel Group details by using this request.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRQ
3     xmlns="http://www.opentravel.org/OTA/2003/05"
4     TimeStamp="2001-12-17T09:30:47" Target="Production" Version="3.14"
5     PrimaryLangID="en">
6     <POS>
7         <Source AgentSine="XX" AgentDutyCode="XXXXXX">
8             <RequestorID Type="10" ID="1"/>
9             <BookingChannel Type="4"/>
10        </Source>
11    </POS>
12    <HotelDescriptiveInfos>
13        <HotelDescriptiveInfo BrandCode="ChannelGroupInfo">
14            <ContentInfos>
15                <ContentInfo Name="ChannelGroupInfo"/>
16            </ContentInfos>
17        </HotelDescriptiveInfo>
18    </HotelDescriptiveInfos>
19 </OTA_HotelDescriptiveInfoRQ>
```

**cultuzz.**

### Response Message (OTA\_HotelDescriptiveInfoRS)

The response contains List of complete Channel Group details.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3     TimeStamp="2014-05-19T10:12:16"
4     TransactionIdentifier="08d95ecb-47d5-4f10-ba21-bcc55ca62c1c-2139963259"
5     Version="3.20" xmlns="http://www.opentravel.org/OTA/2003/05">
6     <Success/>
7     <HotelDescriptiveContents>
8         <HotelDescriptiveContent CurrencyCode="EUR" HotelCode="1"
9             HotelCodeContext="Clitz"
10            HotelName="Cultuzz Digital Media GmbH" LanguageCode="pt">
11             <TPA_Extensions>
12                 <RatePlans/>
13                 <Profile>
14                     <CompanyInfo>
15                         <CompanyName Code="11" CodeContext="Channel_Group" CompanyShortName="GDS">
16                             <![CDATA[GDS]]></CompanyName>
17                         <CompanyName Code="5" CodeContext="Channel_Group"
18                             CompanyShortName="Web Booking Engine">
19                             <![CDATA[Web Booking Engine]]></CompanyName>
20                         <CompanyName Code="13" CodeContext="Channel_Group" CompanyShortName="DHM">
21                             <![CDATA[DHM]]></CompanyName>
22                         <CompanyName Code="17" CodeContext="Channel_Group" CompanyShortName="DHMs">
23                             <![CDATA[DHMs]]></CompanyName>
24                         <CompanyName Code="23" CodeContext="Channel_Group"
25                             CompanyShortName="Test Channel Group">
26                             <![CDATA[Test Channel Group ID]]></CompanyName>
27                     </CompanyInfo>
28                 </Profile>
29             </TPA_Extensions>
30         </HotelDescriptiveContent>
31    </HotelDescriptiveContents>
32    <TPA_Extensions>
33        <ResponseTime ProcessTime="0.095" ProcessTimeUnit="Seconds"
34            RequestStartTime="2014-05-19 10:12:15.996"
35            ResponseEndTime="2014-05-19 10:12:16.091"/>
36    </TPA_Extensions>
37 </OTA_HotelDescriptiveInfoRS>
```

## 7.5 Channel Creation Request (OTA\_ProfileCreateRQ)

CultSwitch allows to create both Push and Pull model Channels.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      TimeStamp="2013-07-17T13:23:12" Target="Production"
4      Version="1.001" PrimaryLangID="en">
5      <Profile ProfileType="4" CreateDateTime="2013-07-17T13:23:12" ShareAllMarketInd="no"
6          RPH="TestObjests" CreatorID="2208">
7          <Accesses>
8              <Access ActionType="Create" ID="new"/>
9          </Accesses>
10
11      <!-- To create a Channel, "ProfileType" should be "4". For activation of this channel
12      to a single test Object, "RPH" should "TestObjests", "CreatorID" contains the test
13      Object ID and "ShareAllMarketInd" should be "no" along with the attribute "ActionType"
14      as "Create". -->
15
16      <Affiliations>
17      <Organization>
18          <RelatedOrgName CodeContext="ChannelGroupID" Code="23"/>
19          <OrgName CodeContext="Push" Code="1"/>
20      </Organization>
21      </Affiliations>
22      <CompanyInfo>
23          <CompanyName CompanyShortName="NewTestChannel" TravelSector="3">NewTestChannel
24          </CompanyName>
25          <AddressInfo Type="2" UseType="12">
26              <AddressLine>Gneisenastr. 66</AddressLine>
27              <StreetNmbr>10961 </StreetNmbr>
28              <CityName>Berlin</CityName>
29              <PostalCode>10961</PostalCode>
30              <StateProv>Berlin</StateProv>
31              <CountryName Code="DE">Deutschland</CountryName>
32          </AddressInfo>
33          <TelephoneInfo FormattedInd="1" DefaultInd="1" PhoneNumber="+49 30 726225-0"
34              PhoneTechType="1" />
35          <Email>test@cultuzz.com</Email>
36          <URL Type="business" DefaultInd="true">http://www.cultuzz.com</URL>
37      </CompanyInfo>
38      </Profile>
39  </OTA_ProfileCreateRQ>
```



### Response Message (OTA\_ProfileCreateRS)

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRS TimeStamp="2014-05-19T05:09:40" Version="3.00"
3      xmlns="http://www.opentravel.org/OTA/2003/05">
4      <Success/>
5      <UniqueID ID="52381" ID_Context="CLTZ" Type="10">
6          <CompanyName><![CDATA[NewTestChannel]]></CompanyName>
7      </UniqueID>
8      <TPA_Extensions>
9          <ResponseTime ProcessTime="0.171" ProcessTimeUnit="Seconds"
10              RequestStartTime="2014-05-19 05:09:40.005"
11              ResponseEndTime="2014-05-19 05:09:40.176"/>
12
13          <POS>
14              <Source AgentDutyCode="6d4342458786317" AgentSine="50005"/>
15          </POS>
16      </TPA_Extensions>
17  </OTA_ProfileCreateRS>
```

## 7.6 Channel Updation Request (OTA\_ProfileCreateRQ)

Specific Channel can be updated by using the below XML.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3    Timestamp="2013-07-17T13:23:12" Target="Production"
4    Version="1.001" PrimaryLangID="en">
5    <Profile ProfileType="4" CreateDateTime="2013-07-17T13:23:12" ShareAllMarketInd="yes">
6      <Accesses>
7        <Access ActionType="Update" ID="123"/>
8      </Accesses>
9
10     <!-- To activate this channel for all Objects then the attribute "ShareAllMarketInd"
11          should be "yes". And the "ActionType" should be "Update" along with the Channel ID
12          in the attribute "ID". -->
13
14     <Affiliations>
15       <Organization>
16         <RelatedOrgName CodeContext="ChannelGroupID" Code="23"/>
17
18       <!-- Here, "Code" indicates the Channel Group ID. CultSwitch allows to change the
19            Channel Group for a specific Channel. -->
20
21       </Organization>
22     </Affiliations>
23   </Profile>
24 </OTA_ProfileCreateRQ>
```

**cultuzz.**

### Response Message (OTA\_ProfileCreateRS)

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRS Timestamp="2014-05-19T11:22:09" Version="3.00"
3    xmlns="http://www.opentravel.org/OTA/2003/05">
4    <TPA_Extensions>
5      <ResponseTime ProcessTime="0.181" ProcessTimeUnit="Seconds"
6        RequestStartTime="2014-05-19 11:22:09.691"
7        ResponseEndTime="2014-05-19 11:22:09.872"/>
8      <POS/>
9    </TPA_Extensions>
10 </OTA_ProfileCreateRS>
```

## 7.7 Channel Listing Request (OTA\_ProfileCreateRQ)

Below XML can be useful to get the List of Channels.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRQ
3   xmlns="http://www.opentravel.org/OTA/2003/05"
4   TimeStamp="2001-12-17T09:30:47" Target="Production" Version="3.14"
5   PrimaryLangID="en">
6   <POS>
7     <Source AgentSine="xx" AgentDutyCode="XXXX">
8       <RequestorID Type="10" ID="1"/>
9       <BookingChannel Type="4"/>
10    </Source>
11  </POS>
12  <HotelDescriptiveInfos>
13    <HotelDescriptiveInfo BrandCode="DistributorsInfo">
14      <ContentInfos>
15        <ContentInfo Name="DistributorsInfo"/>
16      </ContentInfos>
17    </HotelDescriptiveInfo>
18  </HotelDescriptiveInfos>
19 </OTA_HotelDescriptiveInfoRQ>
```

### Response Message (OTA\_ProfileCreateRS)

The response contains Channel ID, Name, Distributor ID, Channel GroupID, Channel Group Name, type and status of the channel.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3   TimeStamp="2014-05-19T11:40:37"
4   TransactionIdentifier="f1f42436-15b5-4635-8563-6bb3cccb747c-1172052624"
5   Version="3.20" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent CurrencyCode="EUR" HotelCode="1"
9       HotelCodeContext="Clitz"
10      HotelName="Cultuzz Digital Media GmbH" LanguageCode="pt">
11       <TPA_Extensions>
12         <RatePlans/>
13         <ChannelInfos>
14           <ChannelInfo ChannelGroupID="5" ChannelGroupName="Web Booking Engine"
15             ChannelID="139" CodeContext="DistributorsInfo" DistributorID="46133"
16             DistributorStatus="2" Type="Pull"
17             URL="http://www.CRCHotelExtranet.de"/>
18           <ChannelInfo ChannelGroupID="5"
19             ChannelGroupName="Web Booking Engine"
20             ChannelID="133" CodeContext="DistributorsInfo"
21             DistributorID="46125" DistributorStatus="2"
22             Type="Pull" URL="http://www.cultuzz.de"/>
23           <ChannelInfo ChannelGroupID="5"
24             ChannelGroupName="Web Booking Engine"
25             ChannelID="129" CodeContext="DistributorsInfo"
26             DistributorID="46015" DistributorStatus="2"
27             Type="Pull" URL="http://www.che.de"/>
28           <ChannelInfo ChannelGroupID="5"
29             ChannelGroupName="Web Booking Engine"
30             ChannelID="127" CodeContext="DistributorsInfo"
31             DistributorID="45947" DistributorStatus="1"
32             Type="Push" URL="http://www.che.de"/>
33           <ChannelInfo ChannelGroupID="5"
34             ChannelGroupName="Web Booking Engine"
35             ChannelID="125" CodeContext="DistributorsInfo"
36             DistributorID="45945" DistributorStatus="1"
37             Type="Push" URL="http://www.che.de"/>
38           <ChannelInfo ChannelID="121"
39             CodeContext="DistributorsInfo"
40             DistributorID="45861" DistributorStatus="1"
41             Type="Pull" URL="www.directbooster.com"/>
42         </ChannelInfos>
43       </TPA_Extensions>
44     </HotelDescriptiveContent>
45   </HotelDescriptiveContents>
46   <TPA_Extensions>
47     <ResponseTime ProcessTime="0.039" ProcessTimeUnit="Seconds"
48       RequestStartTime="2014-05-19 11:40:37.654"
49       ResponseEndTime="2014-05-19 11:40:37.693"/>
50   </TPA_Extensions>
51 </OTA_HotelDescriptiveInfoRS>
```



## 8 Corporate Contracts and Codes

The Corporate Codes and Promotion Codes are related to Special Offers given by a Accommodation Provider to some selected Customers.

The Accommodation Provider defines these Special Offers for Products by giving a unique Corporate Codes and Promotion Codes to them.

The Accommodation Provider can define different Products for different Corporate Codes with Promotion Codes.

The Accommodation Provider defines a Product with and sets a Unique Promotion Code to it. A Promotion Code can be given to multiple Products but not the Vice Versa.

Each Contractor will have one or more Contracts. Each Contract will have a Validity and each Contract will have only one Promotion Code.

This means, the Accommodation Provider gives a Special Offer to a Customer( Contractor ) , to avail different Promotion Codes( Contracts ) given to him.

**cultuzz.**

The Accommodation Provider can put a Add or Update Request for a "Contractor". Here the XML RQ is OTA\_ProfileCreate\_RQ.

The Mapping of a "Contract" with its defined relevant Products is also done at CultSwitch Level.

### 8.1 Contractor Creation/Updation/Deletion

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_ProfileCreateRQ PrimaryLangID="en" Target="Production" TimeStamp="2001-12-17T09:30:47"
3    Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
4    <Profile ProfileType="1">
5
6    <!-- ProfileType under Profile should always be '1'.-->
7
8    <Accesses>
9      <Access ActionType="Create" ID="new"/>
10
11    <!-- To create a contractor, ID and ActionType should be 'new' and 'Create'. -->
12
13    <!-- To update a contractor, <Access ActionType="Update" ID="Existing ContracorId"/>
14    <!-- To delete a contractor, <Access ActionType="Deleted" ID="Existing ContracorId"/> -->
15
16    </Accesses>
17    <Customer>
18      <Address>
19        <CityName>Visakhapatnam</CityName>
20        <PostalCode>530016</PostalCode>
21        <CountryName Code="1"/>
22        <CompanyName CompanyShortName="Benz"
23          Code="6484" CodeContext="Distributor"/>
24
25    <!-- Here 'Code' attribute specifies the distributorID to which this contract
26    is belongs to and 'CodeContext' should always be as "Distributor".-->
27
28      </Address>
29    </Customer>
30    <TPA_Extensions>
31      <POS>
32        <Source AgentDutyCode="XXXXXXXXXX" AgentSine="XXXX">
33          <RequestorID ID="2208" ID_Context="CLTZ" Type="10"/>
34          <BookingChannel Type="7"/>
35        </Source>
36      </POS>
37    </TPA_Extensions>
38  </Profile>
39 </OTA_ProfileCreateRQ>
```

**Response** The response contains the contractor Id and name.

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRS TimeStamp="2012-10-15T20:57:36"
3   TransactionIdentifier="d83ee857-351a-493a-950a-fdd00e596129-1785382664"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Warnings/>
6   <Success/>
7   <UniqueID ID="46" ID_Context="CLTZContractor" Type="3">
8     <CompanyName><![CDATA[Benz]]></CompanyName>
9   </UniqueID>
10  <TPA_Extensions>
11    <ResponseTime ProcessTime="1.226" RequestStartTime="2012-10-15 20:57:35.157"
12      ProcessTimeUnit="Seconds"ResponseEndTime="2012-10-15 20:57:36.383"/>
13  </TPA_Extensions>
14 </OTA_ProfileCreateRS>
```

---

**cultuzz.**

## 8.2 Contract Creation/Updation/Deletion

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ PrimaryLangID="en" Target="Production" Version="3.30"
3   Timestamp="2011-12-17T09:30:47" xmlns="http://www.opentravel.org/OTA/2003/05">
4   <Profile ProfileType="1">
5     <Accesses>
6       <Access ID="46"/>
7     </Accesses>
8
9     <!-- ProfileType with '1' and Access->ID holds contractorID which is mandatory. -->
10
11     <Customer>
12       <CustLoyalty EffectiveDate="2013-01-01 00:00:00" ExpireDate="2014-01-01 00:00:00"
13         SignupDate="2013-01-01 00:00:00" MembershipID="Action:ContractId"
14         RPH="/www/htdocs/corporateRates_contract/122_1.2010-07-22-09-42-11.pdf"
15         VendorCode="Siemens" LoyalLevel="Active" CustomerType="Siemens2013"/>
16
17     <!-- To create a new contract, the following attributes specifies their own data like,
18           EffectiveDate, From when the contract should be active.
19           ExpireDate, When the contract should expire.
20           SignupDate, When the contract is created.
21           MembershipID, only useful to update (Update:ContractId) and delete (Deleted:ContractId).
22           RPH, holds the path of the contract file (pdf).
23           VendorCode specifies the promotion code and CustomerType is for contract name.
24
25           To activate or deactivate a contract, LoyalLevel should be "Active/DeActive". -->
26
27     </Customer>
28     <TPA_Extensions>
29       <POS>
30         <Source AgentDutyCode="XXXXXXXXXX" AgentSine="XXXX">
31           <RequestorID ID="2208" ID_Context="CLTZ" Type="10"/>
32           <BookingChannel Type="7"/>
33         </Source>
34       </POS>
35     </TPA_Extensions>
36   </Profile>
37 </OTA_ProfileCreateRQ>
```

**cultuzz.**

**Response** The response contains the contractorID and name.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRS Timestamp="2013-06-15T20:58:36"
3   TransactionIdentifier="d83ee857-351a-493a-950a-fdd00e596129-1785382664"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Warnings/>
6   <Success/>
7   <UniqueID ID="213" ID_Context="CLTZContract" Type="3">
8     <CompanyName><![CDATA[Siemens2010]]></CompanyName>
9   </UniqueID>
10   <TPA_Extensions>
11     <ResponseTime ProcessTime="1.226" RequestStartTime="2013-06-15T20:58:36"
12       ProcessTimeUnit="Seconds" ResponseEndTime="2013-06-15T20:58:36"/>
13   </TPA_Extensions>
14 </OTA_ProfileCreateRS>
```

## 8.3 Scheduling Contract Updation

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRQ PrimaryLangID="en" Target="Production" Version="3.30"
3   Timestamp="2013-06-15T20:57:36" xmlns="http://www.opentravel.org/OTA/2003/05">
4   <Profile ProfileType="1">
5     <Accesses>
6       <Access ID="213"/> <!-- Here ID holds the contractorID. -->
7     </Accesses>
8     <Customer>
9       <Document EffectiveDate="2013-05-31T00:00:00" ExpireDate="2013-05-31T00:00:00"/>
10      <CustLoyalty MembershipID="Update:12" LoyalLevel="Active"/>
11
12      <!-- casel: Activate the "Corporate-Contract" for the time period specified under the
13       attributes EffectiveDate and ExpireDate. After the very next day of ExpireDate,
14       the contract will deactivate automatically and viceversa.
15       MembershipID holds ContractID. -->
16
17      <!-- Case2: <Document EffectiveDate="2013-05-31T00:00:00" />
18               <CustLoyalty MembershipID="Update:1" LoyalLevel="DeActive"/>
19
20               Here, DeActive the "Corporate-Contract" from a future date to timely unlimited.
21
22       Case3: <Document ExpireDate="2013-05-31T00:00:00"/>
23              <CustLoyalty MembershipID="Update:1" LoyalLevel="Active"/>
24
25              Activate the "Corporate-Contract" from the present date to until some
26              future date specified under ExpireDate. After the very next day of ExpireDate,
27              the contract will deactivate automatically and viceversa. -->
28
29     </Customer>
30     <TPA_Extensions>
31       <POS>XXX</POS>
32     </TPA_Extensions>
33   </Profile>
34 </OTA_ProfileCreateRQ>
```

**cultuzz.**

The response contains the contractorID and name.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ProfileCreateRS Timestamp="2013-06-15T20:58:36"
3   TransactionIdentifier="d83ee857-351a-493a-950a-fdd00e596129-1785382664"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Warnings/>
6   <Success/>
7   <UniqueID ID="213" ID_Context="CLTZContract" Type="3">
8     <CompanyName><![CDATA[Siemens2010]]></CompanyName>
9   </UniqueID>
10  <TPA_Extensions>
11    <ResponseTime ProcessTime="1.226" RequestStartTime="2013-06-15T20:58:36"
12      ProcessTimeUnit="Seconds" ResponseEndTime="2013-06-15T20:58:36"/>
13  </TPA_Extensions>
14 </OTA_ProfileCreateRS>
```



## 8.4 Getting all Contractors and their Contracts for each Contractor

The following xml is useful in displaying the contracts of each contractor of the requested accommodation.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_ReadRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   TimeStamp="2001-12-17T09:30:47" Target="Production" Version="3.30"
4   PrimaryLangID="de" ReservationType="3">
5   <POS>
6     <Source AgentDutyCode="XXXXXXXXXX" AgentSine="XXXX">
7       <RequestorID ID="12400" Type="10"/>
8       <BookingChannel Type="7"/>
9     </Source>
10    <Source>
11      <RequestorID ID="XXXX" Type="1" URL="urn:cultuzz:cultswitch:auth:username"/>
12      <BookingChannel Type="7"/>
13    </Source>
14    </POS>
15    <UniqueID ID="All" ID_Context="ContractorID" Type = "1"/>
16
17    <!-- Here ID = 'All', Displays all contractors and their contracts.
18         ID = '2', Displays all contracts of the contractor with an unique id as '2'.
19         Means, to display the contracts of one particular contractor this will
20         be used.
21
22         Type should always be '1' and the attribute ID_Context="ContractorID" specifies
23         that, What 'ID' attribute specifies. -->
24
25 </OTA_ReadRQ>
```

**cultuzz.**

### Response

```
1 <OTA_ProfileReadRS Target="Production" TimeStamp="2012-10-10T10:56:38" Version="3.30"
2   TransactionIdentifier="91166003-026d-4a7a-a957-c8d1dbd11060-1225936121" >
3   <Success/>
4   <Profiles>
5
6   <!-- Each 'ProfileInfo' contains each contractor with their contracts.
7        'CompanyName->CompanyShortName' specifies contractor name and the whole 'Address'
8        element displays the contractor address.-->
9
10  <ProfileInfo>
11    <Profile>
12      <Customer>
13        <Address>
14          <CityName>Berlin</CityName>
15          <PostalCode>10111</PostalCode>
16          <County>Deutschland</County>
17          <CompanyName CompanyShortName="Siemens"/>
18        </Address>
19        <CustLoyalty EffectiveDate="2010-07-22" ExpireDate="2015-12-31" CustomerType="Siemens"
20          MembershipID="3" SignupDate="2012-01-01" LoyalLevel="Active"
21          CustomerType="Siemens2013"
22          RPH="/www/corporateRates_contract/12400_2.2010-07-22-10-42-03.pdf"/>
23        <CustLoyalty EffectiveDate="2010-07-22" ExpireDate="2015-12-31" LoyalLevel="Active"
24          MembershipID="4" SignupDate="2012-07-22" CustomerType="Siemens"
25          CustomerType="Siemens2013"
26          RPH="/www/corporateRates_contract/12400_2.2010-07-22-10-43-05.pdf"/>
27
28        <!-- <CustLoyalty> element specifies complete contract information. 'VendorCode' and
29             'MembershipID' specifies promotion code and id. 'RPH' specifies contract file path.-->
30
31      </Customer>
32    </Profile>
33    <UniqueID ID="2" ID_Context="ContractorID"/>
34
35    <!-- 'UniqueID->ID' specifies for which contractor the above information belongs to. -->
36
37  </ProfileInfo>
38  <ProfileInfo>
39    <Profile>
40      <Customer>
41        <Address>
42          <CityName>Berlin1</CityName>
43          <PostalCode>10112</PostalCode>
44          <County>Deutschland</County>
45          <CompanyName CompanyShortName="Siemens1"/>
46        </Address>
```

```

47     <CustLoyalty EffectiveDate="2010-10-22" ExpireDate="2015-12-31" LoyalLevel="Active"
48         MembershipID="12" SignupDate="2012-09-21" CustomerType="MAG 2010"
49         RPH="/www/12400_8.2010-10-22-09-47-57.pdf"/>
50     <CustLoyalty EffectiveDate="2011-03-15" ExpireDate="2015-12-31" LoyalLevel="Active"
51         MembershipID="25" SignupDate="2012-09-15" CustomerType="MAG 2012"
52         RPH="/www/12400_8.2011-03-15-09-50-16.pdf"/>
53 </Customer>
54 </Profile>
55 <UniqueID ID="8" ID_Context="ContractorID"/>
56 </ProfileInfo>
57 </Profiles>
58 </OTA_ProfileReadRS>

```

## 8.5 Getting corporate products along with other products

The following xml is useful in displaying the complete information related to corporate products along with the normal products.

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      Timestamp="2001-12-17T09:30:47" Target="Production" Version="3.30"
4      PrimaryLangID="en">
5
6      <POS>XXX</POS>
7      <HotelDescriptiveInfos>
8      <HotelDescriptiveInfo HotelCode="12400">
9          <ContentInfos>
10             <ContentInfo Name="ProductList"/>
11             <!-- (or) <ContentInfo Name="Product"/> -->
12
13             </ContentInfos>
14         </HotelDescriptiveInfo>
15     </HotelDescriptiveInfos>
16 </OTA_HotelDescriptiveInfoRQ>

```

**cultuzz.**

### Response

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3      Timestamp="2012-11-16T10:54:53"
4      TransactionIdentifier="043c5a60-a85a-45ee-bc2b-41d1ef587700-1108036995"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <HotelDescriptiveContents HotelCodeContext="Ehotel">
8          <HotelDescriptiveContent CurrencyCode="EUR" HotelCode="12400"
9              HotelName="Mauritzhof Hotel" LanguageCode="de">
10             <TPA_Extensions>
11                 <RatePlans>
12                     <RatePlan RatePlanType="11" MarketCode="1772" RatePlanCode="NDK"
13                         RatePlanCategory="1" RatePlanID="73482"
14                         RatePlanStatusType="Active" InventoryAllocatedInd="true">
15
16                 <!-- 'RatePlanCode' specifies corporate code mapped with this product of the channel
17                     specified under the attribute 'MarketCode'. -->
18
19                 <Description Name="txt:name">
20                     <Text Language="de">Standard Zimmer zur Stra se Finanz I
21                         nformatik 2012</Text>
22                 </Description>
23                 <Rates>...</Rates>
24                 <SellableProducts>...</SellableProducts>
25                 <RatePlanLevelFee>...</RatePlanLevelFee>
26                 <BookingRules>...</BookingRules>
27             </RatePlan>
28             <RatePlan>...</RatePlan>
29             <RatePlan>...</RatePlan>
30         </RatePlans>
31     </TPA_Extensions>
32 </HotelDescriptiveContent>
33 </HotelDescriptiveContents>
34 <TPA_Extensions>
35     <ResponseTime ProcessTime="0.117" ProcessTimeUnit="Seconds"
36         RequestStartTime="2012-11-16 10:54:53.514"
37         ResponseEndTime="2012-11-16 10:54:53.631"/>
38 </TPA_Extensions>
39 </OTA_HotelDescriptiveInfoRS>

```

## 8.6 Mapping Cultuzz product with ContractID (Corporate Code)

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRatePlanNotifRQ PrimaryLangID="de"
3     Timestamp="2009-01-14T14:03:42" Version="3.30"
4     xmlns="http://www.opentravel.org/OTA/2003/05">
5     <POS CultSwitchUUID="ca7a7d94-215e-47e7-9480-0e73238c0bf4-977006006">
6         <Source AgentDutyCode="88d12638eae9df00" AgentSine="1793">
7             <RequestorID ID="12400" ID_Context="CLTZ" Type="10"/>
8             <BookingChannel Type="7"/>
9         </Source>
10    </POS>
11    <RatePlans>
12        <RatePlan InventoryAllocatedInd="true" MarketCode="6484"
13            RatePlanCodeType="RatePlanCode" RatePlanCode="MAK"
14            RatePlanID="73482" RatePlanNotifType="Overlay" RatePlanType="11"/>
15    </RatePlans>
16    <!-- To map a product specified under 'RatePlanID' to a ContractID, the
17         Corporate code should be mention under 'RatePlanCode'.
18
19         For mapping and demapping, 'RatePlanCodeType' should be 'RatePlanCode' (creation
20         and updation) and 'DoesNotApply' respectively. -->
21
22    </RatePlans>
23 </OTA_HotelRatePlanNotifRQ>
```



### Response

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelRatePlanNotifRS Timestamp="2012-11-02T16:48:45"
3     TransactionIdentifier="ca7a7d94-215e-47e7-9480-0e73238c0bf4-977006006"
4     Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5     <Warnings/>
6     <Success/>
7     <RatePlanCrossRefs>
8         <RatePlanCrossRef ResponseRatePlanCode="73482"
9             ResponseRatePlanGroupingCode="CltzProductID"/>
10    </RatePlanCrossRefs>
11    <TPA_Extensions>
12        <ResponseTime ProcessTime="20.473" ProcessTimeUnit="Seconds"
13            RequestStartTime="2012-11-02 16:48:25.528"
14            ResponseEndTime="2012-11-02 16:48:46.001"/>
15    </TPA_Extensions>
16 </OTA_HotelRatePlanNotifRS>
```

## 9 Integrated Channel Management

"Integrated Channel Management", the most modern concept in channel management, which means that the Channel Manager is completely invisible and the entire channel management can be done by the accommodation provider on the user interface of the PMS. To make this work it is necessary that Cultuzz inventory is synchronized with Channel inventory (Cultuzz needs to know the accommodations (objects), room types (product elements) and their rates and policies (products)).

Once this is done, PMS needs a channel management system to connect to several channels via Cultuzz. For this we have the best technical interface specification. Everything can work automatically and without(may be with minimal) manual support. And so following this concept, we automatized the communication between PMS partners and channels completely.

- Accommodation can sell its products on a particular channel (in general)
- Accommodation can sell a particular product on a particular channel



### 9.1 Object - Channel mapping and demapping for both Push and Pull channels

#### Push Channel Mapping

Object needs to provide some basic necessary information regarding the distributor to establish a connection between an Object and the distributor with the below xml.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveContentNotifRQ PrimaryLangID="en"
3    Target="Production" TimeStamp="2007-06-25T12:34:13" Version="3.30"
4    xmlns="http://www.opentravel.org/OTA/2003/05">
5    <POS>...</POS>
6    <HotelDescriptiveContents>
7      <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN"
8        HotelCode="12400" HotelCodeContext="CLTZ">
9        <TPA_Extensions>
10         <ChannelInfos>
11           <ChannelInfo CodeContext="DistributorsConnection"
12             DistributorID="13002" Status="2" State="open"
13             URL="www.feratel.com" TerminalID="HF4568"
14             MapURL="https://germany.channel.travel/tconnector/ota20plus"
15             ResURL="https://germany.channel.travel/tconnector/ota20book" >
16
17       <!-- To map an accommodation to a distributor, we need to specify the distributorID under
18        the attribute 'DistributorID' and Status as '2'.
19
20       To Demap an accommodation to a distributor, we need to specify the distributorID under
21        the attribute 'DistributorID' and Status as '0'.
22
23       Accommodation specific URLs for this distributor must be specified under attributes
24       URL (to send availability and rates), MapURL (to get rate list from distributor),
25       ResURL (to import reservations from the distributor).
26
27       TerminalID is used to provide a type of authentication for channel. -->
28
29     <!-- Accommodation can block/unblock the traffic between the Cultuzz and distributor
30      by using State attribute. While doing this action, accommodation connection status
31      remains as same.
32
33      The attribute 'State' can have values of "open" or "closed". When a value of
34      attribute 'State' is closed means, that particular accommodation will be blocked
35      for this specified distributor which means, the data transfer between Cultuzz and
36      distributor will be blocked for this specific accommodation. "open" for attribute
37      'State', removes this restriction and traffic will continue. -->
38
39      <RegistrationInfo CompanyName="TestChannel" ChannelHotelID="24705"
40        ContractEndDate="2012-10-30T19:28:37" Newpassword="test123"
41        Oldpassword="test123" UserName="Test.CULTUZZ" ContractName="XXX"
42        IncomingOfficeCode="XXX" SequenceCode="XXX">
43
44     <!-- To establish a proper connection between an Object and the distributor, Cultuzz
```

```

45     requires authentication data which is given by distributor to the Object. -->
46
47 <!-- Object can optionally provide the below information with the below optional xml
48 elements. -->
49     <Periods>
50         <Period CodeContext="timeInAdvance">
51             <Deadline OffsetTimeUnit="m" OffsetUnitMultiplier="12"/>
52         </Period>
53         <Period CodeContext="Contract">
54             <Deadline OffsetTimeUnit="m" OffsetUnitMultiplier="12"/>
55         </Period>
56     </Periods>
57
58 <!-- Each Period specifies its own function as mentioned in the CodeContext.
59 OffsetUnitMultiplier provides the duration value and OffsetTimeUnit provides the
60 duration type. 'OffsetTimeUnit' can be m(Months)/w(Weeks)/d(Days). -->
61
62
63 </RegistrationInfo>
64 <ConnectionInfos>
65
66 <!-- Each and every distributor connection process contain 5 steps. Those steps
67 are specified under 'ProcessedStep' and 'Name' attributes. 'UserID' holds the
68 Id of the person who is responsible for that particular step. -->
69
70
71     <ConnectionInfo ProcessedStep="1" Name="Cultuzz received the Contract"
72         UserID="13524" ID_Context="CLTZ"/>
73     <ConnectionInfo ProcessedStep="2" Name="Channel registration is
74         successfully completed" UserID="13524" ID_Context="CLTZ"/>
75     <ConnectionInfo ProcessedStep="3" Name="All the information has been
76         received by cultuzz and no further information is require"
77         UserID="13524" ID_Context="CLTZ"/>
78     <ConnectionInfo ProcessedStep="4" Name="The connection between
79         CultSwitch and channel is established" UserID="13524" ID_Context="CLTZ"/>
80     <ConnectionInfo ProcessedStep="5" Name="Process Completed"
81         UserID="13524" ID_Context="CLTZ"/>
82 </ConnectionInfos>
83 </ChannelInfo>
84 <ChannelInfo CodeContext="DistributorsConnection" DistributorID="13002"
85     Status="0" Action="Disconnect/NewConnection/Apply"
86     DayDelete="2012-10-30T15:57:57"/>
87
88 <!-- Here 'Status' should be '0' for all the different actions under the 'Action' attribute.
89 Only in the case of action as 'Apply', DayDelete attribute is used to specify the date
90 and Status should be "2".
91
92
93 Disconnect: Change the object to channel status and remove the connection information.
94 NewConnection: Remove the all mapping information related to object and channel.
95 Apply: Disconnect the accommodation and channel mapping status on given Date.
96 -->
97
98 </ChannelInfos>
99 </TPA_Extensions>
100 </HotelDescriptiveContent>
101 </HotelDescriptiveContents>
102 </OTA_HotelDescriptiveContentNotifRQ>

```

**cultuzz.**

## Response

```

1 <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
2 Target="Production" TimeStamp="2011-08-01T09:56:01"
3 TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
4 Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5
6 <Success/>
7 <TPA_Extensions>
8 <ResponseTime ProcessTime="16.243" ProcessTimeUnit="Seconds"
9     RequestStartTime="2012-11-16 14:45:22.709"
10     ResponseEndTime="2012-11-16 14:45:38.952"/>
11 </TPA_Extensions>
12
13 </OTA_HotelDescriptiveContentNotifRS>

```

## Pull Channel Mapping

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveContentNotifRQ PrimaryLangID="en"
3   Target="Production" TimeStamp="2007-06-25T12:34:13" Version="3.30"
4     xmlns="http://www.opentravel.org/OTA/2003/05">
5   <POS>...</POS>
6   <HotelDescriptiveContents HotelCode="12400">
7     <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN">
8       <TPA_Extensions>
9         <ChannelInfos>
10          <ChannelInfo CodeContext="DistributorsConnection" DistributorID="12828"
11            State="open" Status="2">
12
13    <!-- To map an accommodation to a distributor, we need to specify the distributorID under
14         the attribute 'DistributorID' and Status as '2'.
15
16         To Demap an accommodation to a distributor, we need to specify the distributorID under
17         the attribute 'DistributorID' and Status as '0'. -->
18
19    <!-- The attribute 'State' can have values of "open" or "closed". When a value of
20         attribute 'State' is closed means, that particular accommodation will be blocked
21         for this specified distributor which means, the data transfer between Cultuzz and
22         distributor will be blocked for this specific accommodation. "open" for attribute
23         'State', removes this restriction and traffic will continue. -->
24
25    <!-- No need to provide the remaining registration information as like Push distributor.-->
26
27          </ChannelInfo>
28        </ChannelInfos>
29      </TPA_Extensions>
30    </HotelDescriptiveContent>
31  </HotelDescriptiveContents>
32 </OTA_HotelDescriptiveContentNotifRQ>
```

**cultuzz.**

## Response

```
1 <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
2   Target="Production" TimeStamp="2011-08-01T09:56:01"
3   TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
4   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5   <Success/>
6   <TPA_Extensions>
7
8   <ResponseTime ProcessTime="11.091" ProcessTimeUnit="Seconds"
9     RequestStartTime="2012-11-16 14:46:56.784"
10    ResponseEndTime="2012-11-16 14:47:07.875"/>
11
12 </TPA_Extensions>
13 </OTA_HotelDescriptiveContentNotifRS>
```

## 9.2 Additional Features for Object - Channel mapping

Object can provide additional Features regarding the distributor to establish a connection between an Object and the distributor with the below xml.

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveContentNotifRQ PrimaryLangID="en"
3      Target="Production" TimeStamp="2007-06-25T12:34:13" Version="3.30"
4      xmlns="http://www.opentravel.org/OTA/2003/05">
5      <POS>...</POS>
6      <HotelDescriptiveContents>
7          <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN"
8              HotelCode="12400" HotelCodeContext="CLTZ">
9              <TPA_Extensions>
10                 <ChannelInfos>
11                     <ChannelInfo CodeContext="DistributorsConnection"
12                         DistributorID="13002" Status="2" State="open" >
13                         <Services>
14                             <Service Code="13002" CodeDetail="CltzDistributorID">
15                                 <Features>
16                                     <Feature AccessibleCode="0" CodeDetail="HotelID"
17                                         ExistsCode="2" ProximityCode="0">
18                                         <Description CodeDetail="Value" ContentCaption="12400"/>
19                                     </Feature>
20                                     <Feature CodeDetail="Period" ExistsCode="23" ProximityCode="0">
21                                         <Description CodeDetail="Value" ContentCaption="2"/>
22                                     </Feature>
23                                     <!-- Here, 'ContentCaption="2"' referred as how many years/months/days of duration. -->
24                                     <Feature AccessibleCode="23" CodeDetail="DurationType"
25                                         ExistsCode="25" ProximityCode="0">
26                                         <Description CodeDetail="Value" ContentCaption="y"/>
27                                     </Feature>
28                                     <!-- Here, 'CodeDetail="DurationType"' indicates the type of duration period in
29                                     years(y)/months(m)/days(d). Attribute 'AccessibleCode="23"' is reference to 'ExistsCode="23"'
30                                     of 'CodeDetail="Period"' which defines Contract Duration. -->
31                                     </Feature>
32                                     <Feature AccessibleCode="0" CodeDetail="ChannelUserID"
33                                         ExistsCode="76" ProximityCode="0">
34                                         <Description CodeDetail="Value" ContentCaption="xxxx"/>
35                                     </Feature>
36                                     <Feature AccessibleCode="0" CodeDetail="ChannelPassword"
37                                         ExistsCode="77" ProximityCode="0">
38                                         <Description CodeDetail="Value" ContentCaption="xxxx"/>
39                                     </Feature>
40                                     <Feature ExistsCode="84" CodeDetail="Validity" ProximityCode="1">
41                                         <Description ContentCaption="2015-11-06::2015-11-12" CodeDetail="Value"/>
42                                     </Feature>
43                                     <Feature ExistsCode="84" CodeDetail="Validity" ProximityCode="2">
44                                         <Description ContentCaption="2016-11-06::2016-11-12" CodeDetail="Value"/>
45                                     </Feature>
46                                     <!-- ExistsCode "84" indicates Validity period of the Hotel. And Hotel may have multiple
47                                     validity periods, so we can use different "ProximityCode" values to insert multiple
48                                     validity periods. -->
49                                     </Features>
50                                 </Service>
51                             </Services>
52                         </ChannelInfo>
53                     </ChannelInfos>
54                 </TPA_Extensions>
55             </HotelDescriptiveContent>
56         </HotelDescriptiveContents>
57     </OTA_HotelDescriptiveContentNotifRQ>
```

**cultuzz.**

### Response

```
1  <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
2      Target="Production" TimeStamp="2011-08-01T09:56:01"
3      TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
4      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5      <Success/>
6      <TPA_Extensions>
7          <ResponseTime ProcessTime="11.091" ProcessTimeUnit="Seconds"
8              RequestStartTime="2012-11-16 14:46:56.784" ResponseEndTime="2012-11-16 14:47:07.875"/>
9      </TPA_Extensions>
10 </OTA_HotelDescriptiveContentNotifRS>
```

## 9.3 Get Distributor's Connection Status List for a Specific Object

Object will send a new XML message to CultSwitch asking for the list of distributors along with their connection status.



```
1 <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05"
2   Timestamp="2011-07-05T09:56:01" Target="Production"
3   Version="3.30"
4   PrimaryLangID="en">
5   <POS>...</POS>
6   <HotelDescriptiveInfos>
7     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ" LanguageCode="en">
8       <ContentInfos>
9         <ContentInfo Name="DistributorsConnection" Code="13002" />
10      </ContentInfos>
11    </HotelDescriptiveInfo>
12  </HotelDescriptiveInfos>
13 </OTA_HotelDescriptiveInfoRQ>
```

*!-- To list the whole information related to a specific distributor by specifying a distributorID under the attribute "Code".*

*Ignore Code attribute, to list all the push and pull distributors connection status information. -->*

### Response

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3   Timestamp="2013-02-28T06:20:55"
4   TransactionIdentifier="bf895b7a-f134-4fed-8b5e-c339f12875e7-1214641009"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent CurrencyCode="EUR" HotelCode="12400"
9       HotelCodeContext="CLTZ" HotelName="Hotel Li Graniti" LanguageCode="en">
10     <TPA_Extensions>
11       <ChannelInfos>
12         <ChannelInfo CodeContext="DistributorsConnection" DistributorID="13002"
13           DistributorStatus="1" HotelStatus="1" Name="Feratel Deskline 3.0"
14           State="open" Status="2" Type="Push" URL="www.feratel.com"
15           MapURL="https://germany.channel.travel/tconnector/ota20plus"
16           ResURL="https://germany.channel.travel/tconnector/ota20book"
17           RegistrationDate="2009-12-23T09:38:38" ActivationTime="2009-12-23T09:38:41"
18           InquiryDate="2009-12-18T14:36:03" AcceptFee="true" AcceptWarranty="false"
19           AnswerDate="2010-01-15T11:18:27" TerminalID="HF4568" >
20
21     <!-- If 'GenerateContract' has a value true, then the Object will have dynamic PDF
22           for this distributor. Else, it has a static PDF. 'RegistrationDate' and
23           'ActivationTime' attributes specifies when the registrations and activations
24           are done. -->
25
26       <ContractInfo Download="true" FileName="pdf_dok2200.pdf"
27         Name="Booking_Aktivierung_Anleitung" ShowPDF="true"/>
28     <RegistrationInfo CompanyName="TestChannel" ChannelHotelID="24705"
29       ContractEndDate="2012-10-30T19:28:37" Newpassword="test123"
30       Oldpassword="test123" UserName="Test.CULTUZZ">
31
32     <Periods>
33       <Period Code="timeInAdavnce">
34         <Deadline OffsetTimeUnit="m" OffsetUnitMultiplier="12"/>
35       </Period>
36       <Period Code="Contract">
37         <Deadline OffsetTimeUnit="m" OffsetUnitMultiplier="12"/>
38       </Period>
39     </Periods>
40   </RegistrationInfo>
41   <ConnectionInfos>
42     <ConnectionInfo ProcessedStep="1" Name="Cultuzz received the Contract"
43       UserID="13524" CodeContext="CLTZ"/>
44     <ConnectionInfo ProcessedStep="2" Name="Channel registration is
45       successfully completed" UserID="13524" CodeContext="CLTZ"/>
46     <ConnectionInfo ProcessedStep="3" Name="All the information has been
47       received by cultuzz and no further information is require"
48       UserID="13524" CodeContext="CLTZ"/>
49     <ConnectionInfo ProcessedStep="4" Name="The connection between
50       CultSswitch and channel is established" UserID="13524"
51       CodeContext="CLTZ"/>
52     <ConnectionInfo ProcessedStep="5" Name="Process Completed"
```



```

52         UserID="13524" CodeContext="CLTZ"/>
53     </ConnectionInfos>
54     <AccountInfo currencyCode="EUR">
55
56         <!-- Extra fees for distributor can be mentioned here. -->
57
58         <Fee Amount="2500.00" Code="Fee1"/>
59         <Fee Amount="1000.00" Code="Fee2"/>
60         <Fee Amount="20.00" Code="Fee3"/>
61     </AccountInfo>
62     <ProductInfo MappedProductsCount="5"/>
63     <HistoryInfos>
64     <HistoryInfo Action="EntsperreHotel" Date="2011-01-20T11:15:48"
65         UserID="14647"/>
66     <HistoryInfo Action="Activate" Date="2009-07-09T19:51:09"
67         UserID="8484"/>
68     </HistoryInfos>
69     <Services>
70     <Service Code="13002" CodeDetail="CltzDistributorID">
71     <Features>
72     <Feature AccessibleCode="0" CodeDetail="HotelID"
73         ExistsCode="2" ProximityCode="0">
74         <Description CodeDetail="Value" ContentCaption="12400"/>
75     </Feature>
76     <Feature CodeDetail="Period" ExistsCode="23" ProximityCode="0">
77     <Description CodeDetail="Value" ContentCaption="2"/>
78     </Feature>
79     <Feature AccessibleCode="23" CodeDetail="DurationType"
80         ExistsCode="25" ProximityCode="0">
81     <Description CodeDetail="Value" ContentCaption="y"/>
82     </Feature>
83     <Feature AccessibleCode="0" CodeDetail="ChannelUserID"
84         ExistsCode="76" ProximityCode="0">
85     <Description CodeDetail="Value" ContentCaption="xxxx"/>
86     </Feature>
87     <Feature AccessibleCode="0" CodeDetail="ChannelPassword"
88         ExistsCode="77" ProximityCode="0">
89     <Description CodeDetail="Value" ContentCaption="xxxx"/>
90     </Feature>
91     <Feature ExistsCode="84" CodeDetail="Validity" ProximityCode="1">
92     <Description ContentCaption="2015-11-06:2015-11-12" CodeDetail="Value"/>
93     </Feature>
94     <Feature ExistsCode="84" CodeDetail="Validity" ProximityCode="2">
95     <Description ContentCaption="2016-11-06:2016-11-12" CodeDetail="Value"/>
96     </Feature>
97     </Features>
98     </Service>
99     </Services>
100    </ChannelInfo>
101    </ChannelInfos>
102    </TPA_Extensions>
103    </HotelDescriptiveContent>
104    </HotelDescriptiveContents>
105    <TPA_Extensions>
106    <ResponseTime ProcessTime="2.415" ProcessTimeUnit="Seconds"
107        RequestStartTime="2013-02-28 06:20:52.853"
108        ResponseEndTime="2013-02-28 06:20:55.268"/>
109    </TPA_Extensions>
110    </OTA_HotelDescriptiveInfoRS>

```

**cultuzz.**

## 9.4 Scheduling Channel Connection Status

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveContentNotifRQ PrimaryLangID="en"
3   Target="Production" TimeStamp="2007-06-25T12:34:13" Version="2.00"
4   xmlns="http://www.opentravel.org/OTA/2003/05">
5   <POS>XXX</POS>
6   <HotelDescriptiveContents HotelCode="12400">
7     <HotelDescriptiveContent HotelCode="12400" Overwrite="true">
8       <TPA_Extensions>
9         <ChannelInfos>
10          <ChannelInfo CodeContext="DistributorsConnection" State="open"
11            DistributorID="6484" ExpireDate="2013-05-10T08:57:40"
12            EffectiveDate="2013-05-31T08:57:40"/>
13
14      <!-- case1: Activate the channel connection status for the time period specified
15        under the attributes EffectiveDate and ExpireDate. After the very next
16        day of ExpireDate, the channel connection status will deactivate
17        automatically and viceversa. -->
18
19      <!-- Case2: <ChannelInfo CodeContext="DistributorsConnection" State="closed"
20        DistributorID="6484" EffectiveDate="2013-05-31T08:57:40"/>
21
22        Here, Deactivate the channel connection status from EffectiveDate to timely unlimited.
23
24      Case3: <ChannelInfo CodeContext="DistributorsConnection" State="open"
25        DistributorID="6484" ExpireDate="2013-05-10T08:57:40"/>
26
27        Activate the channel connection status from the present date to until some
28        future date specified under ExpireDate. After the very next day of ExpireDate,
29        the status will deactivate automatically and viceversa. -->
30
31    </ChannelInfos>
32  </TPA_Extensions>
33 </HotelDescriptiveContent>
34 </HotelDescriptiveContents>
35 </OTA_HotelDescriptiveContentNotifRQ>
```

**cultuzz.**

## 9.5 Listing the Capabilities of a Channel (CCM)

Each and every feature supported by Cultuzz can be called as "Capability" and every Booking channel will have a Capability set.

### Channel Capability Matrix (CCM):

A channel capability matrix is a matrix consisting of the capabilities a particular channel supports. For each capability, this matrix will have three possible characteristics:

- a) Whether a capability is supported and a mandate (required) by channel
- b) Whether a capability is supported but not a mandate (required) by channel
- c) Whether a capability is not supported by channel

As part of Integrated Channel Management (ICM), we have integrated this CCM into our CultSwitch.

Use the following request to know the CCM of a channel.



```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3    TimeStamp="2011-07-05T09:56:01" Target="Production" PrimaryLangID="en">
4    <POS>...</POS>
5    <HotelDescriptiveInfos>
6      <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
7        <ContentInfos>
8          <ContentInfo Name="CCMList" Code="7563"/>
9
10     <!-- If the attribute Code is not specified, then response will contain CapabilityMatrix
11         for all the distributors supported by Cultuzz. -->
12
13     <ContentInfo Name="CCMList" Code="6484"/>
14
15     <!-- Request can contain multiple ContentInfo elements to get CapabilityMatrix for
16         different specific distributors. -->
17
18     </ContentInfos>
19   </HotelDescriptiveInfo>
20 </OTA_HotelDescriptiveInfoRQ>
```

### Response

All the features are listed with the appropriate AccessibleCode. Here the values 26, 24, 19, etc., provided by the ExistCode attribute, refers to the feature IDs and the CodeDetail specifies the name of the feature. Possible values for AccessibleCode are 0/2/3.

0: Not Supported

2: Supported and Not Mandatory

3: Supported and Mandatory

Capabilities can be divided into two categories.

1. Compatibility types

2. Update possibility types

Ex : A Distributor XYZ is allowing products with Booking Guarantee Credit Card, None, Deposit. And every product should have a Guarantee type. So the list, provided by the XML response, will be,

ExistCode \_ CodeDetail \_ AccessibleCode

42 \_ Booking Guarantee: Any \_ not listed

43 \_ Booking Guarantee: Credit Card \_ 2

44 \_ Booking Guarantee: E-mail \_ 0

45 \_ Booking Guarantee: No Guarantee \_ 2

If "42 Booking Guarantee: Any " has value 2/3, then no need to consider others (43,44,45,46) i.e Distributor XYZ is allowing Products with Any Guarantee Type. But in the above case Distributor is not compatible with products having "Booking Guarantee: Any". So the CCM is listed as above.

"FeatureName : Any" means feature with any value is compatible with Channel. Single valued features will be listed like "Feature"(with out ":Any" and with ":XXXX"). "Feature-Name : XXXX" means feature with specific value is compatible with channel.

If Distributor XYZ is accepting Guarantee type update for products, then our matrix will have below entry

#### 47 Booking Guarantee Update with value 2

That means updating Guarantee type of a product is allowed by this channel. In other words, channel is capable of capturing this update from Cultuuzz. So Cultuuzz can process this update to channel.



However this update should be done with in the compatibility level. In our above case, Guarantee type can be changed to Credit Card, None, Deposit. But not to E-Mail, as it is is not supported by the Distributor XYZ.

Channel Capability Matrix (CCM) also supports the Min Limit, Max Limit Values, Label Name and Data-Type of each Capability. If a Channel has a capability with value supported (2/3), then the CCM must be capable to capture if there are any lower and upper limits on the value for that Capability.

Example:

Capability Name = MinStay (Capability Name as Per CultSwitch)

Capability ID = 28

Label\_EN = MinLOS (Naming Convention in Channel)

Min Value = 3

Max Value = 10

Data type = Integer (Means Numeric Values only Supported)

Status = 3 (Supported : Channel Supporting it)

i) CCM captures lower (Min Value) and upper (Max Value) limits and label name with the given data type on the value for that Capability.

ii) If a Hotel wants to set MinLOS for a room for Channel, then CultSwitch will show "Max Allowed Value" for Channel for that capability.

iii) CultSwitch will restrict hotelier to set Capability for a room for a Channel with greater than "Max Allowed Value" for that capability.

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3    Timestamp="2013-02-15T12:12:29"
4    TransactionIdentifier="2ad7d3b5-7ea4-48a1-8153-3a7e79c5842f-720471828"
5    Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6    <Success/>
7    <HotelDescriptiveContents>
8      <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CTLZ"
9        LanguageCode="en">
10     <HotelInfo>
11     <Services>
12       <Service CodeDetail="CltzDistributorID" Code="7563">
13         <Features>
14           <Feature ExistsCode="43" CodeDetail="Booking Guarantee: Credit Card"
15             AccessibleCode="2"/>
16           <Feature ExistsCode="44" CodeDetail="Booking Guarantee: E-mail"
17             AccessibleCode="0"/>

```

```

18     <Feature ExistsCode="45" CodeDetail="Booking Guarantee: No Guarantee"
19           AccessibleCode="2"/>
20     <Feature ExistsCode="46" CodeDetail="Booking Guarantee: Deposit"
21           AccessibleCode="2"/>
22     <Feature ExistsCode="47" CodeDetail="Booking Guarantee Update"
23           AccessibleCode="2"/>
24   </Features>
25 </Service>
26 <Service CodeDetail="CltzDistributorID" Code="6484">
27   <Features>
28     <Feature ExistsCode="24" CodeDetail="MinStay" AccessibleCode="0">
29       <Description ContentCaption="MinLOS" CodeDetail="Label"/>
30       <Description ContentCaption="Integer" CodeDetail="DataType"/>
31       <Description ContentCaption="3" CodeDetail="MinValue"/>
32       <Description ContentCaption="10" CodeDetail="MaxValue"/>
33     </Feature>
34     <Feature ExistsCode="14" CodeDetail="UserName" AccessibleCode="0">
35       <Description ContentCaption="UserID" CodeDetail="Label"/>
36       <Description ContentCaption="String" CodeDetail="DataType"/>
37       <Description ContentCaption="4" CodeDetail="MinValue"/>
38       <Description ContentCaption="100" CodeDetail="MaxValue"/>
39     </Feature>
40
41     <!-- All the features are listed with the appropriate AccessibleCode. Here the values
42     24,14 specified in the attribute ExistCode refers to the capability IDs and the attribute
43     CodeDetail specifies the name of the feature.
44     Possible values for AccessibleCode are 0/2/3.
45     0: Not Supported
46     2: Supported and Not Mandatory
47     3: Supported and Mandatory
48     Label name, Data type, MinValue, MaxValue will be specified under Description elements
49     with the attributes ContentCaption and CodeDetail. -->
50
51   </Features>
52 </Service>
53 </Services>
54 </HotelInfo>
55 </HotelDescriptiveContent>
56 </HotelDescriptiveContents>
57 <TPA_Extensions>
58   <ResponseTime ProcessTime="1.185" ProcessTimeUnit="Seconds"
59     RequestStartTime="2013-02-19 11:37:12.698"
60     ResponseEndTime="2013-02-19 11:37:13.883"/>
61 </TPA_Extensions>
62 </OTA_HotelDescriptiveInfoForS>

```

**cultuzz.**

## 9.6 Listing Hotelier Expectation Matrix (HEM)

### Hotelier Expectation Matrix (HEM):

A hotelier expectation matrix is a matrix consisting of the "hotelier expectations". For each of the identified capabilities we will again have three possible characteristics:

- Whether a hotelier expects this setting to be pushed to channel as a mandate (required)
- Whether a hotelier expects this setting to be pushed to channel but s/he is okay if this setting cannot be applied or not supported by channel (nice to have)
- Whether a hotelier do not expect this setting to be pushed to channel (not-required)

A set of universal capabilities are identified first. By default we have come up with a default hotelier expectation matrix with a fixed set of capabilities and their default settings. It is called as "Default HEM".

For each capability this matrix will have three possible characteristics:

- Nice to Have
- Not Required
- Required

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoForQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   TimeStamp="2011-07-05T09:56:01" Target="Production" PrimaryLangID="en">
4   <POS>...</POS>
5   <HotelDescriptiveInfos>

```

```

6      <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
7      <ContentInfos>
8      <ContentInfo Name="HEMList"/>
9      </ContentInfos>
10     </HotelDescriptiveInfo>
11 </HotelDescriptiveInfos>
12 </OTA_HotelDescriptiveInfoRQ>

```

## Response

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production" Version="3.30"
3   TransactionIdentifier="2ad7d3b5-7ea4-48a1-8153-3a7e79c5842f-720471828"
4   xmlns="http://www.opentravel.org/OTA/2003/05" Timestamp="2013-02-15T12:12:29">
5   <Success/>
6   <HotelDescriptiveContents>
7     <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CLTZ"
8       LanguageCode="en">
9     <HotelInfo>
10    <Services>
11      <Service>
12        <Features>
13          <Feature ExistsCode="42" CodeDetail="Booking Guarantee: Any"
14            AccessibleCode="3"/>
15          <Feature ExistsCode="43" CodeDetail="Booking Guarantee: Credit Card"
16            AccessibleCode="3"/>
17          <Feature ExistsCode="44" CodeDetail="Booking Guarantee: E-mail"
18            AccessibleCode="3"/>
19          <Feature ExistsCode="45" CodeDetail="Booking Guarantee: No Guarantee"
20            AccessibleCode="3"/>
21          <Feature ExistsCode="46" CodeDetail="Booking Guarantee: Deposit"
22            AccessibleCode="3"/>
23          <Feature ExistsCode="47" CodeDetail="Booking Guarantee Update"
24            AccessibleCode="3"/>
25        </Features>
26      </Service>
27    </Services>
28    </HotelInfo>
29    </HotelDescriptiveContent>
30  </HotelDescriptiveContents>
31  <TPA_Extensions>
32    <ResponseTime RequestStartTime="2013-02-19 11:37:12.698" ProcessTime="1.185"
33      ResponseEndTime="2013-02-19 11:37:13.883" ProcessTimeUnit="Seconds"/>
34  </TPA_Extensions>
35 </OTA_HotelDescriptiveInfoRS>

```

**cultuzz.**

## 9.7 Export Hotelier Expectation Matrix (HEM) to Cultuzz

The accommodation providers are free to upload their own hotelier expectation matrix using the following xml.

```

1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveContentNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   Timestamp="2013-02-15T12:12:29" Target="Production" Version="3.30" PrimaryLangID="en">
4   <POS>...</POS>
5   <HotelDescriptiveContents>
6     <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CLTZ">
7     <HotelInfo>
8     <Services>
9       <Service>
10        <Features>
11          <Feature ExistsCode="42" CodeDetail="Booking Guarantee: Any"
12            AccessibleCode="3"/>
13          <Feature ExistsCode="43" CodeDetail="Booking Guarantee: Credit Card"
14            AccessibleCode="3"/>
15          <Feature ExistsCode="44" CodeDetail="Booking Guarantee: E-mail"
16            AccessibleCode="3"/>
17          <Feature ExistsCode="45" CodeDetail="Booking Guarantee: No Guarantee"
18            AccessibleCode="3"/>
19          <Feature ExistsCode="46" CodeDetail="Booking Guarantee: Deposit"
20            AccessibleCode="3"/>
21          <Feature ExistsCode="47" CodeDetail="Booking Guarantee Update"
22            AccessibleCode="3"/>
23        </Features>
24      </Service>
25    </Services>
26  </HotelInfo>
27  </HotelDescriptiveContent>

```

```
28 </HotelDescriptiveContents>
29 </OTA_HotelDescriptiveContentNotifRQ>
```

---

## Response

---

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en" Target="Production"
3   Timestamp="2013-02-15T12:12:29"
4   TransactionIdentifier="2ad7d3b5-7ea4-48a1-8153-3a7e79c5842f-720471828"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <TPA_Extensions>
8     <ResponseTime ProcessTime="0.453" RequestStartTime="2013-02-18 09:56:01.213"
9     ResponseEndTime="2013-02-18 09:56:01.666" ProcessTimeUnit="Seconds"/>
10 </TPA_Extensions>
11 </OTA_HotelDescriptiveContentNotifRS>
```

---

**cultuzz.**

## 9.8 Listing Channel Products

In General, an accommodation provider will create room types and rates in the channel using channel extranet. To map our products to push channel, Cultuzz needs RateID, Room-TypeCode as listed in the channel. To get this rate list from the channel use the below XML.

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en">
4   <POS>...</POS>
5   <HotelDescriptiveInfos>
6     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
7       <ContentInfos>
8         <ContentInfo Name="DistributorRateList" Code="7563" />
9       <!-- Provide distributorID under the attribute Code to get the rate list
10        for a specific distributor. -->
11     </ContentInfos>
12   </HotelDescriptiveInfo>
13 </HotelDescriptiveInfos>
14 </OTA_HotelDescriptiveInfoRQ>
```



### Response

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3   Timestamp="2013-02-15T12:12:29"
4   TransactionIdentifier="2ad7d3b5-7ea4-48a1-8153-3a7e79c5842f-720471828"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CLTZ"
9       LanguageCode="en">
10       <TPA_Extensions>
11         <RatePlans>
12           <RatePlan>
13             <SellableProducts>
14
15             <!-- In the below SellableProduct element, each attribute specifies the following.
16              InvCode : DistributorRoomID, InvType : DistributorRoomName,
17              InvGroupingCode : DistributorRateID, RoomID : DistributorRoomID,
18              RoomType : RoomTypeName, RoomTypeCode : IntegerRoomTypeCode,
19              Description ->Name :DistributorRateName, UniqueID->ID :ClitzDistributorID -->
20
21             <SellableProduct InvCode="897541147" InvType="Single Room"
22               InvGroupingCode="78457441" InvStatusType="Active">
23               <GuestRoom>
24                 <Room RoomID="897541147" RoomType="SingleBedRoom"
25                   RoomTypeCode="7"/>
26               <Quantities StandardOccupancy="1" MaxOccupancy="1"/>
27             </GuestRoom>
28             <Description Name="Standard Rate"/>
29             <UniqueID ID="7563" ID_Context="DistributorRateList" Type="18"/>
30             </SellableProduct>
31             <SellableProduct InvCode="897541148" InvType="Double Room"
32               InvGroupingCode="78457441" InvStatusType="Active">
33               <GuestRoom>
34                 <Room RoomID="897541148" RoomType="DobleBedRoom"
35                   RoomTypeCode="5"/>
36               <Quantities StandardOccupancy="2" MaxOccupancy="3"/>
37             </GuestRoom>
38             <Description Name="Standard Rate"/>
39             <UniqueID ID="7563" ID_Context="DistributorRateList" Type="18"/>
40             </SellableProduct>
41           </SellableProducts>
42         </RatePlan>
43       </RatePlans>
44     </TPA_Extensions>
45   </HotelDescriptiveContent>
46 </HotelDescriptiveContents>
47 <TPA_Extensions>
48   <ResponseTime ProcessTime="0.068" RequestStartTime="2013-02-15 12:12:29.210"
49     ProcessTimeUnit="Seconds" ResponseEndTime="2013-02-15 12:12:29.278"/>
50 </TPA_Extensions>
51 </OTA_HotelDescriptiveInfoRS>
```



## 9.9 Listing Cultuzz Products with Mapping information

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05" Version="3.30"
3   Timestamp="2001-12-17T09:30:47" Target="Production" PrimaryLangID="en">
4   <POS> ... </POS>
5   <HotelDescriptiveInfos>
6     <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
7       <ContentInfos>
8         <ContentInfo Name="Product" />
9         <ContentInfo Name="ProductsOfDistributor" Code="7095"/>
10
11     <!-- To get all products of DistributorID specified under 'Code' attribute.
12          ('X' may be Push/Pull Channel ) -->
13
14         <ContentInfo Name="GetMappings" />
15
16     <!-- To get existing mapping information of this product use the element "GetMappings".
17          Like, ChannelProductID, ChannelProductName, ChannelRoomID, ChannelRoomName.
18
19          NOTE : To achieve 'GetMappings' or/and 'ProductsOfDistributor',
20                  ContentInfo->Name="Product" combination is mandatory. -->
21
22       </ContentInfos>
23     </HotelDescriptiveInfo>
24   </HotelDescriptiveInfos>
25 </OTA_HotelDescriptiveInfoRQ>
```

**cultuzz.**

### Response

```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"
3   Timestamp="2013-02-28T06:51:52"
4   TransactionIdentifier="4bbb987a-9ba4-49a4-9088-69594e9ae9cc-1097052481"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CLTZ"
9       HotelName="Cultuzz" LanguageCode="en" CurrencyCode="EUR">
10     <TPA_Extensions>
11       <RatePlans>
12         <RatePlan InventoryAllocatedInd="false"
13           RatePlanCategory="3" RatePlanID="1210"
14           RatePlanStatusType="Active" RatePlanType="11">
15           <Description Name="txt:name">
16             <Text Language="en"><![CDATA[Comfort Single 1_1]]></Text>
17           </Description>
18           <Description Name="txt:description_short">
19             <Text Language="de"><![CDATA[Comfort Single]]></Text>
20           </Description>
21           <Description Name="txt:description_long"/>
22         </RatePlan>
23       </RatePlans>
24       <SellableProducts>
25         <SellableProduct InvCode="897541147" InvType="Double Room"
26           InvGroupingCode="78457441" InvStatusType="Active">
27           <Description Name="Standard Rate"/>
28           <UniqueID ID="13002" ID_Context="ProductMapping" Type="18"/>
29         </SellableProduct>
30       </SellableProducts>
31       <RatePlanLevelFee>...</RatePlanLevelFee>
32       <BookingRules>...</BookingRules>
33     </RatePlan>
34     <RatePlan>... </RatePlan>
35   </RatePlans>
36   </TPA_Extensions>
37   </HotelDescriptiveContent>
38 </HotelDescriptiveContents>
39 <TPA_Extensions>
40   <ResponseTime ProcessTime="0.808" RequestStartTime="2013-02-28 06:51:51.481"
41     ProcessTimeUnit="Seconds" ResponseEndTime="2013-02-28 06:51:52.289"/>
42 </TPA_Extensions>
43 </OTA_HotelDescriptiveInfoRS>
```

## 9.10 Mapping Cultuzz Product to a Distributor(both push and pull)

Accommodation Provider can map a product to a channel using the below request. If ICM is enabled for this requester, then CultSwitch system checks the CCM and HEM and then allows or disallows the product to be mapped to that channel.

Same request will be used for DeMapping and CheckMapping by altering some attribute values.

### Mapping Cultuzz Product to Push Distributor



```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelRatePlanNotifRQ PrimaryLangID="de" Target="Production" Version="3.30"
3  TimeStamp="2012-08-30T01:48:49" xmlns="http://www.opentravel.org/OTA/2003/05">
4  <POS>...</POS>
5  <RatePlans>
6    <RatePlan RatePlanType="11" RatePlanID="99769" RatePlanNotifType="Overlay"
7      MarketCode="13002" InventoryAllocatedInd="true"
8      RestrictedDisplayIndicator="false" >
9
10   <!-- A product can be created just to be sold to a specific channel. In this case,
11        the DistributorID can be sent with attribute 'MarketCode'.
12        Here, this XML binds the product "99769" specified with attribute 'RatePlanID'
13        to the channel '13002' specified with attribute 'MarketCode'. -->
14
15   <!-- A product can be bound/unbound (using the
16        attribute 'InventoryAllocatedInd') to any number of channels, within a
17        single XML request with multiple 'RatePlan' elements.-->
18
19   <!-- The attribute 'InventoryAllocatedInd' is only allowed in conjunction with
20        attribute 'RatePlanNotifType' with value "Overlay" (update product) and
21        attribute 'MarketCode' with value of the Channel ID to which this product needs
22        to be linked/unlinked. If the value of attribute 'InventoryAllocatedInd' is
23        "true", then it will be bound to the given Channel else it will be unbound. At
24        present, if the attribute 'InventoryAllocatedInd' is present, it only does the
25        binding and unbinding of the product with channel. -->
26
27   <!-- 'RestrictedDisplayIndicator="true"' in the request xml is used to ask Cultuzz
28        the mapping possibility between Cultuzz product and the distributor. -->
29
30
31   <SellableProducts>
32
33   <!-- To map a product to push distributor, specify DistributorRateID, DistributorRoomID
34        with SellableProduct element.
35        In the below SellableProduct element, each attribute specifies the following.
36        InvCode : DistributorRoomID, InvType : DistributorRoomName,
37        InvGroupingCode : DistributorRateID, RoomID : DistributorRoomID,
38        RoomType : RoomTypeName, RoomTypeCode : IntegerRoomTypeCode,
39        Description ->Name :DistributorRateName, UniqueID->ID :CltzDistributorID
40        Note: RatePlan->MarketCode should be same as SellableProduct->UniqueID->ID-->
41
42   <SellableProduct InvCode="897541147" InvType="Double Room"
43     InvGroupingCode="78457441" InvStatusType="Active">
44     <Description Name="Standard Rate"/>
45     <UniqueID ID="13002" ID_Context="ProductMapping" Type="18"/>
46   </SellableProduct>
47 </SellableProducts>
48
49 <!-- To DeMap a product to a distributor use ID_Context as "ProductDeMapping".
50      If InvStatusType is Active, then Cultuzz will activate this mapping.
51      To deactivate this mapping, use InvStatusType as Deactivated. -->
52
53 </RatePlan>
54 <RatePlan RatePlanType="11" RatePlanID="99769" RatePlanNotifType="Overlay"
55   MarketCode="2" InventoryAllocatedInd="true"
56   RestrictedDisplayIndicator="false">
57   <SellableProducts>
58     <SellableProduct InvCode="897541147" InvGroupingCode="ABCDEFGH"
59       InvStatusType="Active" InvType="Interlaken Wellness-Reise inkl.">
60       <Description Name="Interlaken Wellness-Reise inkl." />
61     </SellableProduct>
62   </SellableProducts>
63
64   <!-- @InvCode = Item ID
65   @InvType = Item Name
66   @InvGroupingCode = Auction ID -->
67
68   <UniqueID ID="2" ID_Context="ProductMapping" Type="18" />
69
70   <!-- ID="2" specifies eBay Distributor ID. -->
71
72   </SellableProduct>
73 </SellableProducts>
```

```

72     </RatePlan>
73     <RatePlan>...</RatePlan>
74 </RatePlans>
75 <TPA_Extensions>
76 <Services>
77     <Service CodeDetail="CltzDistributorID" Code="2" InvCode="99769"
78         ExistsCode="897541147" BusinessServiceCode="ABCDEFGH">
79
80         <!-- The 'Service element' specifies the complete product mapping information.
81             @InvCode = CltzProductID
82             @Code = DistributorID
83             @ExistsCode = Item ID
84             @BusinessServiceCode = Auction ID-->
85
86         <Features>
87             <Feature ExistsCode="33" CodeDetail="ExtraBedPrice" AccessibleCode="0" ProximityCode="0">
88                 <Description ContentCaption="99.00" CodeDetail="Value"/>
89
90             <!-- The attribute "ExistsCode" refers to the Feature ID and the Value 33 specifies
91                 the Feature "ExtraBedPrice".-->
92
93             </Feature>
94             <Feature>...</Feature>
95         </Features>
96     </Service>
97 </Services>
98 </TPA_Extensions>
99 </OTA_HotelRatePlanNotifRQ>

```

**cultuzz.**

## Mapping Cultuzz Product to Pull Distributor

```
1 <OTA_HotelRatePlanNotifRQ PrimaryLangID="de" Target="Production" Version="3.30"
2 TimeStamp="2012-08-30T01:48:49" xmlns="http://www.opentravel.org/OTA/2003/05">
3 <POS>...</POS>
4 <RatePlans>
5   <RatePlan RatePlanType="11" RatePlanID="99769" RatePlanNotifType="Overlay"
6     MarketCode="12828" InventoryAllocatedInd="true"
7     RestrictedDisplayIndicator="false" >
8
9   <!-- "99769" is Cultuzz productID and "12828" is the distributorID at Cultuzz. -->
10
11   </RatePlan>
12 </RatePlans>
13 </OTA_HotelRatePlanNotifRQ>
```

## Mapping a Product to Distributor using Partner's ProductID

```
1 <OTA_HotelRatePlanNotifRQ PrimaryLangID="de" Target="Production" Version="3.30"
2 TimeStamp="2012-08-30T01:48:49" xmlns="http://www.opentravel.org/OTA/2003/05">
3   <POS>
4     <Source AgentDutyCode="XXXXXXXX" AgentSine="XXXXX">
5       <RequestorID Type="10" ID="TiscoverObjectID" ID_Context="Tiscover" />
6       <BookingDistributor Type="4"/>
7     </Source>
8   </POS>
9   <RatePlans>
10     <RatePlan RatePlanType="11" RatePlanNotifType="Overlay"
11       MarketCode="13002" InventoryAllocatedInd="true"
12       RestrictedDisplayIndicator="false" >
13
14     <!-- Mapping Partner's Product to Pull and Push channel by the following. -->
15
16     <UniqueID ID="STP146460Pat" ID_Context="PartnersID" Type="18"/>
17
18     <!-- Binding Partner's productID with Cultuzz productID by the element 'UniqueID'.
19       'UniqueID->ID' holds Partner's productID which is to be mapped with Cultuzz
20       ProductID. -->
21
22     <SellableProducts>
23       <SellableProduct InvCode="897541147" InvType="Double Room"
24         InvGroupingCode="78457441" InvStatusType="Active">
25         <Description Name="Standard Rate"/>
26         <UniqueID ID="13002" ID_Context="ProductMapping" Type="18"/>
27       </SellableProduct>
28     </SellableProducts>
29   </RatePlan>
30 </RatePlans>
31 </OTA_HotelRatePlanNotifRQ>
```



## Response

The response for ProductMapping request have the below use cases :

1. Success - Product(s) mapped successfully and updates can be processed to the channel successfully.
2. Success with Warnings - Product(s) mapped successfully, but updates may not be processed. Reasons will be listed in the "Warning" element of the XML. (As it requires some manual work before proceeding with the connection. Once the manual work is finished, the updates will be processed to the channel successfully.)
3. Errors - Product(s) mapping failed. Reasons will be listed in the "Error" element of the XML.

If request contains `RestrictedDisplayIndicator="true"` then Cultuzz considers this request as CheckMapping request. In this scenario, below are the use cases :

1. Success - Product(s) are compatible with channel. Mapping is possible.
2. Success with Warnings - One or more features of the product(s) are not compatible with channel.
3. Errors - Request failed at our end for some other reasons.

---

```
1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelRatePlanNotifRS TimeStamp="2013-03-01T05:36:31"
3      TransactionIdentifier="c6b1dffd-b35d-4dc3-9b68-ab3e78678233-1641594052"
4      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
5      <Warnings/>
6      <Success/>
7      <RatePlanCrossRefs>
8          <RatePlanCrossRef ResponseRatePlanCode="99769"
9              ResponseRatePlanGroupingCode="CltzProductID"/>
10     </RatePlanCrossRefs>
11     <TPA_Extensions>
12         <ResponseTime ProcessTime="4.93" RequestStartTime="2013-03-01 05:36:26.490"
13             ProcessTimeUnit="Seconds" ResponseEndTime="2013-03-01 05:36:31.420"/>
14     </TPA_Extensions>
15 </OTA_HotelRatePlanNotifRS>
```

---

**cultuzz.**

## 10 Channel Management Data

Cultuzz Channel Management, provides the possibility that a particular channel is treated differently from other channels.

CultSwitch supports five channel level modules. Here always CodeContext should be "ChannelManagementInfo", 'Name' holds name of the channel, 'DistributorID' specifies channel id. Module should be identified by module id. Whatever is channel-specific (not product-specific) must be entered here:

Module 1:Channel Allotment

Module 2:Channel Blockout Periods

Module 3:Channel Maximum Number of Rooms per Booking

Module 4:Channel Surcharge OR Reduction

Module 5:Channel Guaranteed Allotment

Module 6:Channel MinStay

**Channel Allotment(Max Allotment) :** The hotelier wants to restrict the number of bookings which he wants to accept from this channel (per day, per week, per month). Allotment contracts are used to designate a certain block of hotel rooms to a channel for a specific period of time. Hotelier can restrict number of rooms allotted for a channel for each day .

**Channel Blockout Periods :** The hotelier doesn't want any booking from this channel for a stay within the blockout period. The channel is closed for these dates (availabilities are zero).

At the request of many hoteliers we allow to blockout particular room types only (instead of blocking the channel as a whole).

**Channel Maximum Number of Rooms per Booking :** The hotelier wants to restricts the number of sold rooms per bookings in this channel. For clarity, if "Maximum number of rooms per booking" = 2, then two rooms is the maximum number of rooms in a single booking but the channel can continue to sell rooms until the availability is zero.

**Channel Surcharge OR Reduction :** The hotelier wants to price this channel differently to other channels. He wants this channel to be cheaper or more expensive, based on room types and/or for a limited period. Surcharge, adds the specified amount to the original price and Reduction, reduces the specified price from the original price.

**Channel Guaranteed Allotment(Min Allotment) :** Allotment contracts are used to designate a certain block of hotel rooms to a channel for a specific period of time. The allotment can be guaranteed or non-guaranteed. While the non-guaranteed allotment is subject to reduction at the hotel's discretion the guaranteed allotment cannot be reduced by the hotel. The hotel must guarantee 100% of the rooms assigned to this channel until the release time has been reached. The release time is a certain number of days prior to the arrival day when any unsold rooms is released back to the hotel (e.g. four days prior to arrival day).

**Channel MinStay :** The Hotelier requests to activate or deactivate the MinStay for specific Channels for a particular duration per room.



## 10.1 Set Channel Management Data

```
1 <?xml version="1.0" encoding="utf-8"?>
2 <OTA_HotelDescriptiveContentNotifRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3   TimeStamp="2011-07-05T09:40:00" Target="Production" Version="3.30"
4   PrimaryLangID="en">
5   <POS>...</POS>
6   <HotelDescriptiveContents>
7     <HotelDescriptiveContent CurrencyCode="EUR" LanguageCode="EN" Overwrite="true"
8       HotelCode="12400" HotelCodeContext="CLTZ">
9     <TPA_Extensions>
10      <ChannelInfos>
11        <ChannelInfo CodeContext="ChannelManagementInfo"
12          DistributorID="2" ExtDistType="0" Name="eBay" Type="2">
13        <Modules>
14
15        <!-- Each 'Module' element specifies module id and name under the attributes 'ID' and
16         'Name'. 'Status' specifies whether that particular module is active or not by the
17         strings Active/Deactive. -->
18
19        <!-- The following each and every module is applicable for the channel specified under
20         <ChannelInfo>. -->
21
22          <Module ID="1" Name="maximum"
23            NameExtern="Kontingent" Status="Active" Type="Local">
24            <Policies>
25              <Policy CodeDetail="RoomTypeCode"
26                Duration="P1D" Quantity="3" RoomTypeCode="27388"/>
27            </Policies>
28          </Module>
29          <Module ID="2" Name="dayblock" NameExtern="Sperrzeiten"
30            Status="Deactive" Type="Local">
31            <Policies>
32              <Policy RoomTypeCode="27388" CodeDetail="RoomTypeCode"
33                Start="2011-08-16T00:00:00" End="2011-08-16T00:00:00"/>
34            </Policies>
35          </Module>
36          <Module ID="3" Name="maxrooms"
37            NameExtern="Maximum number of rooms per booking"
38            Status="Deactive" Type="Local">
39            <Policies>
40              <Policy Quantity="3"/>
41            </Policies>
42          </Module>
43          <Module ID="4" Name="auf_ab_preis" NameExtern="Aufschlag / Abschlag"
44            Status="Deactive" Type="Local/Global">
45            <Policies>
46              <Policy RoomTypeCode="27388" CodeDetail="RoomTypeCode"
47                Start="2011-08-18T00:00:00" End="2011-08-20T00:00:00"
48                Pointer="0" Round="4" Amount="20" PriceCode="Surcharge/Reduction"/>
49            </Policies>
50          </Module>
51          <Module ID="6" Name="stay" Status="Active" Type="Local">
52
53          <!-- In order to Deactivate Minstay, the attribute "Status" should be set as "Deactive"
54           (Status="Deactive") and the attribute "Removal" should be set as "true" (Removal="true")
55           along with a particular "RecordID" (RecordID="57216645"). -->
56
57          <Policies>
58            <Policy RoomTypeCode="34278" CodeDetail="RoomTypeCode" Start="2013-07-08T00:00:00"
59              End="2013-07-21T00:00:00" MinStay="2" Pointer="0"/>
60          </Policies>
61        </Module>
62
63        <!-- 'Round' attribute specifies positions to be rounded in the final calculated amount
64         after applying Surcharge/Reduction. Initially 'Pointer' value should be '0'.
65         Pointer can be used to manage the merged timespan orderings. -->
66
67      </Modules>
68    </ChannelInfo>
69  </ChannelInfos>
70 </TPA_Extensions>
71 <Policies>
72   <Policy CodeDetail="GuaranteedAllotment_Status">
73     <PolicyInfoCodes>
74       <PolicyInfoCode Code="6484" CodeContext="DistributorID" ExistsCode="1"/>
75
76     <!-- Here the attribute ExistsCode="1" indicates Active and ExistsCode="2"
77      indicates Deactive. -->
78
79     </PolicyInfoCodes>
80   </Policy>
81   <Policy Start="2013-08-20" End="2014-10-21" Code="27388"
82     CodeDetail="GuaranteedAllotment_RoomTypeCode" Duration="P2D">
83     <PolicyInfoCodes>
84       <PolicyInfoCode CodeContext="DistributorID" Code="6484" Quantity="3"/>
```

**cultuzz.**

```

85         </PolicyInfoCodes>
86
87         <!-- The Guaranteed Allotment for a particular channel could be provided with 'Policy'
88              element by providing the value of "GuaranteedAllotment_RoomTypeCode" with attribute
89              'CodeDetail' and the RoomTypeCode for which this allotment needs to be considered is
90              specified with attribute 'Code'. The attributes 'Start' and 'End' specifies the date
91              range within which the enclosed Guaranteed Allotment is valid. The attribute 'Durat-
92              ion' specifies the Release Time that accompanies this Guaranteed Allotment. The
93              value of Duration, as per the rules at http://www.w3.org/TR/xmlschema-2/#duration.
94              Ex: P1M2D specifies 1 month + 2 days. .
95         -->
96
97         <!-- Within the element 'PolicyInfoCode', the channel to which this Guaranteed Allotment
98              applies can be specified within attribute 'Code' where as the attribute 'CodeContext'
99              with value "ChannelID" specifies that the given ID within 'Code' is a channel ID.
100              The Guaranteed Allotment value can be specified with attribute 'Quantity'. Multiple
101              'PolicyInfoCode' elements can be used for Guaranteed Allotments for various Channels.
102         -->
103     </Policy>
104 </Policies>
105 </HotelDescriptiveContent>
106 </HotelDescriptiveContents>
107 </OTA_HotelDescriptiveContentNotifRQ>

```

## Response

**cultuazz.**

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveContentNotifRS PrimaryLangID="en"
3      Target="Production" TimeStamp="2011-08-01T09:56:01"
4      TransactionIdentifier="1514dc61-14f9-463a-94e0-19ce2323f2fa--1484716196"
5      Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6      <Success/>
7      <TPA_Extensions>
8          <ResponseTime ProcessTime="2.453" ProcessTimeUnit="Seconds"
9              RequestStartTime="2013-02-01 09:40:01.213"
10              ResponseEndTime="2013-02-01 09:56:03.666"/>
11      </TPA_Extensions>
12  </OTA_HotelDescriptiveContentNotifRS>

```

## 10.2 Get Channel Management Data

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRQ xmlns="http://www.opentravel.org/OTA/2003/05"
3      TimeStamp="2011-07-05T09:56:01" Target="Production"
4      Version="3.30" PrimaryLangID="en">
5      <POS>...</POS>
6      <HotelDescriptiveInfos>
7          <HotelDescriptiveInfo HotelCode="12400" HotelCodeContext="CLTZ">
8
9              <!-- The specific HotelID for which the descriptive info is to be requested, needs to
10                   be specified with the attribute 'AccommodationCode'. For a detailed accommodation
11                   information, each of the following elements may be used but not mandatory. -->
12
13              <Policies SendPolicies="1" />
14
15              <!-- To get Guaranteed Allotment policies -->
16
17              <ContentInfos>
18                  <ContentInfo Name="ChannelManagementInfo" />
19
20              <!-- Provides channel level information with respect to moduleID.
21
22                  <ContentInfo Name="ChannelManagementInfo" Code="DistributorID:moduleID"/>
23
24                  For example, <ContentInfo Name="ChannelManagementInfo" Code="XXXX:2"/>
25
26                  This provides channel information for the module dayblock (1-maximum, 2-dayblock,
27                  3-maxrooms, 4-auf_ab_preis, 5-Guaranteed Allotment) for the channelID 'XXXX'. -->
28
29              </ContentInfos>
30          </HotelDescriptiveInfo>
31      </HotelDescriptiveInfos>
32  </OTA_HotelDescriptiveInfoRQ>

```

## Response

```

1  <?xml version="1.0" encoding="UTF-8"?>
2  <OTA_HotelDescriptiveInfoRS PrimaryLangID="en" Target="Production"

```



```

3   timeStamp="2013-03-01T10:42:44"
4   TransactionIdentifier="39432a06-cbea-4a92-8e25-a5158e160815-1268286432"
5   Version="3.30" xmlns="http://www.opentravel.org/OTA/2003/05">
6   <Success/>
7   <HotelDescriptiveContents>
8     <HotelDescriptiveContent HotelCode="12400" HotelCodeContext="CLTZ"
9       HotelName="Hotel Li Graniti" LanguageCode="en" CurrencyCode="EUR">
10      <TPA_Extensions>
11        <ChannelInfos>
12          <ChannelInfo CodeContext="ChannelManagementInfo"
13            DistributorID="2" ExtDistType="0" Name="eBay" Type="2">
14            <Modules>
15              <Module ID="1" Name="maximum"
16                NameExtern="Kontingent" Status="Active" Type="Local">
17                <Policies>
18                  <Policy CodeDetail="RoomTypeCode"
19                    Duration="P1D" Quantity="3" RoomTypeCode="27388"/>
20                </Policies>
21              </Module>
22              <Module ID="2" Name="dayblock" NameExtern="Sperrzeiten"
23                Status="Deactive" Type="Local">
24                <Policies>
25                  <Policy RoomTypeCode="27388" CodeDetail="RoomTypeCode"
26                    Start="2011-08-16T00:00:00" End="2011-08-16T00:00:00"/>
27                </Policies>
28              </Module>
29              <Module ID="3" Name="maxrooms"
30                NameExtern="Maximum number of rooms per booking"
31                Status="Deactive" Type="Local">
32                <Policies>
33                  <Policy Quantity="3"/>
34                </Policies>
35              </Module>
36              <Module ID="5" Name="auf_ab_preis" NameExtern="Aufschlag / Abschlag"
37                Status="Deactive" Type="Local">
38                <Policies>
39                  <Policy RoomTypeCode="27388" CodeDetail="RoomTypeCode"
40                    Start="2011-08-18T00:00:00" End="2011-08-20T00:00:00"
41                    Pointer="0" Round="4" Amount="20" PriceCode="Surcharge"/>
42                </Policies>
43              </Module>
44              <Module ID="6" Name="Stay" Type="Local">
45
46                <!-- Channel Stay : Hotelier can restrict minimum and maximum stay
47                  for the booking for a particular duration per room . -->
48
49                <Policies>
50                  <Policy RoomTypeCode="27388" CodeDetail="RoomTypeCode"
51                    Start="2011-06-16T00:00:00" End="2011-08-16T00:00:00"
52                    Pointer="0" MinStay="2" MaxStay="999" />
53                </Policies>
54              </Module>
55            </Modules>
56          </ChannelInfo>
57        </ChannelInfos>
58      </TPA_Extensions>
59    </Policies>
60    <Policy CodeDetail="GuaranteedAllotment_Status">
61      <PolicyInfoCodes>
62        <PolicyInfoCode Code="6484" CodeContext="DistributorID" ExistsCode="1"/>
63
64      <!-- Here the attribute ExistsCode="1" indicates Active and ExistsCode="2"
65        indicates Deactive. -->
66
67      </PolicyInfoCodes>
68    </Policy>
69    <Policy Start="2013-08-20" End="2014-10-21" Code="27388"
70      CodeDetail="GuaranteedAllotment_RoomTypeCode" Duration="P2D">
71      <PolicyInfoCodes>
72        <PolicyInfoCode CodeContext="DistributorID" Code="6484" Quantity="3"/>
73      </PolicyInfoCodes>
74
75      <!-- The Guaranteed Allotment for a particular channel could be provided with 'Policy'
76        element by providing the value of "GuaranteedAllotment_RoomTypeCode" with attribute
77        'CodeDetail' and the RoomTypeCode for which this allotment needs to be considered is
78        specified with attribute 'Code'. The attributes 'Start' and 'End' specifies the date
79        range within which the enclosed Guaranteed Allotment is valid. The attribute 'Durat-
80        ion' specifies the Release Time that accompanies this Guaranteed Allotment. The
81        value of Duration, as per the rules at http://www.w3.org/TR/xmlschema-2/#duration.
82        Ex: P1M2D specifies 1 month + 2 days. . -->
83
84      <!-- Within the element 'PolicyInfoCode', the channel to which this Guaranteed Allotment
85        applies can be specified within attribute 'Code' where as the attribute 'CodeContext'
86        with value "ChannelID" specifies that the given ID within 'Code' is a channel ID.
87        The Guaranteed Allotment value can be specified with attribute 'Quantity'. Multiple
88        'PolicyInfoCode' elements can be used for Guaranteed Allotments for various Channels. -->

```

**cultuzz.**

```
90         </Policy>
91     </Policies>
92 </HotelDescriptiveContent>
93 </HotelDescriptiveContents>
94 <TPA_Extensions>
95     <ResponseTime ProcessTime="0.376" RequestStartTime="2013-03-01 10:42:44.257"
96         ProcessTimeUnit="Seconds" ResponseEndTime="2013-03-01 10:42:44.633"/>
97 </TPA_Extensions>
98 </OTA_HotelDescriptiveInfoRS>
```

---

**cultuzz.**

# 11 CultSwitch Spreadsheets

## 11.1 Additional Details Codes to identify the room type

Object Type ID	Object Type Name
3	Holiday Home
4	Pension
5	Hotel
15	ebay Hotel
17	Pseudo Object
19	eHotel Customer
20	Wild East Customer
21	Smart HOTEL Customer
22	Hotel Spider

Table 3: Object Type Codes



Room Type Code	Standard Occupancy	Room Type Name	Allowed Object Type IDs
1	2	Apartment	3,4,5,15,17,19,20,21,22
2	0	Bath Room	3
3	4	Bungalow	3
4	2	Caravan	3
5	2	Double bedroom	4,5,15,17,19,20,21,22
6	3	Three bedroom	4,5,17,19,20,21,22
7	1	Single bedroom	3,4,5,15,17,19,20,21,22
8	5	Holiday home	3
9	5	Holiday apartment	3
10	5	Five bedroom	4,5,17,19,20,21,22
11	4	Guest House	3
12	8	Eight bedroom	3,4,5,17,20
13	2	Junior suite	4,5,17,19,20,21,22
14	2	Duplex	4,5,17,19,20,21,22
15	2	Penthouse	4,5,17,19,20,21,22
16	2	Caravan (Reisemobil/Wohnmobil)	3
17	2	Studio	3,4,5,17,19,20,21,22
18	2	Suite	3,4,5,17,19,20,21,22
19	4	Four bedroom	4,5,15,17,19,20,21,22
20	0	Tent	3
21	2	Twin Room	4,5,17,19,20,21,22
23	6	Room with six beds	3,4,5,17,19,20,21,22
24	7	Room with seven beds	4,5,17,20
25	9	Nine bedroom	4,5,17,20
27	10	Ten bedroom	4,5,17,20
29	12	Twelve bedroom	5
30	1	Bed in Dormitory	5
38	100	Non Room Unlimited	3,4,5,15,17,19,20,21,22
60	1	Pitch	5

Table 4: Room Type Codes

## 11.2 CultSwitch Name-attributes

Code	Name-attribute	Content meaning
1	img:approach_map	In this element an itinerary of the surrounding area from the accommodation could be delivered
2	img:surrounding_map	In this element a map could be delivered with marks of special sights in the surrounding area of the accommodation
3	img:ground_plan	To give more detailed information about the house and the room it is possible to send a description element containing the architectural view with a ground plan
4	img:company_logo	The URL for an image of the company logo
5	img:exterior_view	To have an appropriate presentation on websites it's possible to add an image to which show the building from outside.
6	img:standard	This name value is used for any other unspecified possibilities
7	txt:description_long	For descriptive information
8	txt:description_short	Description as a list of keywords
9	txt:name	Name of the item
10	txt:liability	Description for the accommodation liabilities
11	txt:location	Description for the accommodation location
12	txt:Directions	Description for Directions
13	txt:insider_tips	Description for insider tips

**cultuzz.**

Table 5: CultSwitch Name Attributes

### 11.3 Profile Type (PRT)

OTA-PRT	Type	OTA_Code
1	Customer	Yes
2	GDS	Yes
3	Corporation	Yes
4	Travel agent	Yes
5	Wholesaler	Yes
6	Group	Yes
7	Tour operator	Yes
8	CRO	Yes
9	Rep Company	Yes
10	Internet broker	Yes
11	Airline	Yes
12	Hotel	Yes
13	Car rental	Yes
14	Cruise line	Yes
15	Employee	Yes

**cultuzz.**

Table 6: Property Class Type

### 11.4 Index Point Code (IPC) corresponds to the Customer Service Interface (CSI)

OTA-IPC	Appellation Environment	OTA_Code
3	Distance to the next Highway (in km)	Yes
6	Distance to the next Airport (in km)	Yes
7	Rail Station	Yes
9	Geo location	Yes
10	Distance to the next Bus/Coach Station	Yes
12	Distance to the next Nearest major City	Yes

Table 7: Index Point Code

## 11.5 Property Class Type (PCT) corresponds to the Customer Service Interface (CSI)

OTA-PCT	Appellation	OTA_Code
3	Apartment	Yes
4	Bed and breakfast	Yes
6	Campground	Yes
9	Conference-Venue	Yes
15	Guest Farm	Yes
16	Guest house limited service	Yes
18	Holiday resort	Yes
19	Hostel	Yes
20	Hotel	Yes
21	Inn	Yes
27	Motel	Yes
28	Ranch	Yes
29	Residential apartment	Yes
32	Self catering accommodation	Yes
34	Vacation home	Yes
40	Pension	Yes
47	Full service	Yes
1001	Hut	No
1002	Not specified	No
1003	Youth Guest House	No
1004	Youth Hostel	No
1005	Huts_Hotels	No
1006	Private_Home	No
1007	Private_Room	No
1008	Beach hotel	No
1009	Winter sports hotel	No
1010	Luxury hotel	No
1011	Design hotel	No
1012	Small, intimate, quiet hotel	No
1013	Family hotel	No
1014	Handicapped accessible hotel	No

**cultuzz.**

Table 8: Property Class Type

## 11.6 Supported hotel-facilities (HAC)

Hotel Amenity Codes (HAC) correspond to the Customer Service Interface (CSI)

OTA-HAC	Appellation	OTA_Code
1	Night clerk	Yes
2	24-hour room service	Yes
3	24-hour security	Yes
4	Adjoining rooms	Yes
5	Air conditioning	Yes
6	Airline desk	Yes
7	ATM/Cash machine	Yes
8	Baby sitting	Yes
9	BBQ/Picnic area	Yes
10	Bilingual staff	Yes
11	Bookstore	Yes
12	Boutiques/stores	Yes
13	Brailed elevators	Yes
14	Business library	Yes
15	Car rental desk	Yes
16	Casino	Yes
17	Check cashing policy	Yes
18	Check-in kiosk	Yes
19	Cocktail lounge	Yes
20	Café	Yes
21	Coin operated laundry	Yes
22	Concierge desk	Yes
23	Concierge floor	Yes
24	Conference facilities	Yes
25	Courtyard	Yes
26	Currency exchange	Yes
27	Desk with electrical outlet	Yes
28	Doctor on call	Yes
29	Door man	Yes
30	Driving range	Yes
31	Drugstore/pharmacy	Yes
32	Duty free shop	Yes
33	Lift/Elevators	Yes
34	Executive floor	Yes
35	Exercise gym	Yes
36	Express check-in	Yes
37	Express check-out	Yes
38	Family plan	Yes
39	Florist	Yes
40	Folios	Yes
41	Free airport shuttle	Yes
42	Free parking	Yes
43	Transfer service	Yes
44	Game room	Yes
45	Gift/News stand	Yes

**cultuzz.**

Table 9: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
46	Hairdresser/barber	Yes
47	Accessible facilities	Yes
48	Health club	Yes
49	Heated pool	Yes
50	Housekeeping - daily	Yes
51	Housekeeping - weekly	Yes
52	Ice machine	Yes
53	Indoor parking	Yes
54	Indoor Swimming Pool	Yes
55	Jacuzzi	Yes
56	Jogging track	Yes
57	Kennels	Yes
58	Laundry/Valet service	Yes
59	Liquor store	Yes
60	Live entertainment	Yes
61	Massage services	Yes
62	Nightclub	Yes
63	Off-Site parking	Yes
64	On-Site parking	Yes
65	Outdoor parking	Yes
66	Outdoor pool	Yes
67	Package/Parcel services	Yes
68	Parking	Yes
69	Photocopy center	Yes
70	Playground	Yes
71	Pool	Yes
72	Poolside snack bar	Yes
73	Public address system	Yes
74	Wheelchair Access/Ramp access	Yes
75	Recreational vehicle parking	Yes
76	Restaurant	Yes
77	Room service	Yes
78	Safe deposit box	Yes
79	Sauna	Yes
80	Security	Yes
81	Shoe shine stand	Yes
82	Shopping mall	Yes
83	Solarium	Yes
84	Spa	Yes
85	Sports bar	Yes
86	Steam bath	Yes
87	Storage space	Yes
88	Sundry/Convenience store	Yes
89	Technical concierge	Yes
90	Theatre desk	Yes
91	Tour/sightseeing desk	Yes
92	Translation services	Yes

**cultuzz.**

Table 10: Hotel Amenity Codes



OTA-HAC	Appellation	OTA_Code
93	Travel agency	Yes
94	Truck parking	Yes
95	Valet cleaning	Yes
96	Dry cleaning	Yes
97	Valet parking	Yes
98	Vending machines	Yes
99	Video tapes	Yes
100	Wakeup service	Yes
101	Wheelchair access	Yes
102	Whirlpool	Yes
103	Multilingual staff	Yes
104	Wedding services	Yes
105	Banquet Service	Yes
106	Bell staff/porter	Yes
107	Beauty shop/salon	Yes
108	Complimentary self service laundry	Yes
109	Direct dial telephone	Yes
110	Female traveler room/floor	Yes
111	Pharmacy	Yes
112	Stables	Yes
113	120 AC	Yes
114	120 DC	Yes
115	220 AC	Yes
116	Accessible parking	Yes
117	220 DC	Yes
118	Barbeque grills	Yes
119	Women's clothing	Yes
120	Men's clothing	Yes
121	Children's clothing	Yes
122	Shops and commercial services	Yes
123	Video games	Yes
124	Sports bar open for lunch	Yes
125	Sports bar open for dinner	Yes
126	Room service - full menu	Yes
127	Room service - limited menu	Yes
128	Room service - limited hours	Yes
129	Valet same day dry cleaning	Yes
130	Body scrub	Yes
131	Body wrap	Yes
132	Public area air conditioned	Yes
133	Efolio available to company	Yes
134	Individual Efolio available	Yes
135	Video review billing	Yes
136	Butler service	Yes
137	Complimentary in-room coffee or tea	Yes
138	Complimentary buffet breakfast	Yes
139	Complimentary cocktails	Yes
140	Complimentary coffee in lobby	Yes

**cultuzz.**

Table 11: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
141	Complimentary continental breakfast	Yes
142	Complimentary full american breakfast	Yes
143	Dinner delivery service from local restaurant	Yes
144	Complimentary newspaper delivered to room	Yes
145	Complimentary newspaper in lobby	Yes
146	Complimentary shoeshine	Yes
147	Evening reception	Yes
148	Front desk	Yes
149	Grocery shopping service available	Yes
150	Halal food available	Yes
151	Kosher food available	Yes
152	Limousine service	Yes
153	Managers reception	Yes
154	Medical Facilities Service	Yes
155	Telephone jack adaptor available	Yes
156	All-inclusive meal plan	Yes
157	Breakfast. buffet	Yes
158	Communal bar area	Yes
159	Breakfast. continental/ standard	Yes
160	Full meal plan	Yes
161	Full american breakfast	Yes
162	Meal plan available	Yes
163	Modified american meal plan	Yes
164	Food and beverage outlets	Yes
165	Lounge	Yes
166	Barber shop	Yes
167	Video checkout	Yes
168	Onsite laundry	Yes
169	24-hour food & beverage kiosk	Yes
170	Concierge lounge	Yes
171	Parking fee managed by hotel	Yes
172	Transportation	Yes
173	Breakfast	Yes
174	Lunch served in restaurant	Yes
175	Dinner served in restaurant	Yes
176	Full service housekeeping	Yes
177	Limited service housekeeping	Yes
178	High speed internet access for laptop in public areas	Yes
179	Wireless internet connection in public areas	Yes
180	Additional services/amenities/facilities on proper	Yes
181	Transportation services - local area	Yes
182	Transportation services - local office	Yes
183	DVD/video rental	Yes
184	Parking lot	Yes
185	Parking deck	Yes
186	Street side parking	Yes
187	Cocktail lounge with entertainment	Yes
188	Cocktail lounge with light fare	Yes

**cultuzz.**

Table 12: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
189	Motorcycle parking	Yes
190	Phone services	Yes
191	Ballroom	Yes
192	Bus parking	Yes
193	Children's play area	Yes
194	Children's nursery	Yes
195	Disco	Yes
196	Early check-in	Yes
197	Locker room	Yes
198	Non-smoking rooms (generic)	Yes
199	Train access	Yes
200	Aerobics instruction	Yes
201	Baggage hold	Yes
202	Bicycle rentals	Yes
203	Dietician	Yes
204	Late check-out available	Yes
205	Pet-sitting services	Yes
206	Prayer mats	Yes
207	Sports trainer	Yes
208	Turndown service	Yes
209	DVDs/videos - children	Yes
210	Bank	Yes
211	Lobby coffee service	Yes
212	Banking services	Yes
213	Stairwells	Yes
214	Pet amenities available	Yes
215	Exhibition/convention floor	Yes
216	Long term parking	Yes
217	Children not allowed	Yes
218	Children welcome	Yes
219	Courtesy car	Yes
220	Hotel does not provide pornographic films/TV	Yes
221	Hotspots	Yes
222	Free high speed internet connection	Yes
223	Internet services	Yes
224	Pets allowed	Yes
225	Gourmet highlights	Yes
226	Catering services	Yes
227	Complimentary breakfast	Yes
228	Business center	Yes
229	Business services	Yes
230	Secured parking	Yes
231	Racquetball	Yes
232	Snow sports	Yes
233	Tennis court	Yes
234	Water sports	Yes
235	Child programs	Yes

**cultuzz.**

Table 13: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
236	Golf	Yes
237	Horseback riding	Yes
238	Oceanfront	Yes
239	Beachfront	Yes
240	Hair dryer	Yes
241	Ironing board	Yes
242	Heated guest rooms	Yes
243	Toilet	Yes
244	Parlor	Yes
245	Video game player	Yes
246	Thalassotherapy	Yes
247	Private dining for groups	Yes
248	Hearing impaired services	Yes
249	Carryout breakfast	Yes
250	Deluxe continental breakfast	Yes
251	Hot continental breakfast	Yes
252	Hot breakfast	Yes
253	Private pool	Yes
254	Connecting rooms	Yes
255	Data port	Yes
256	Exterior corridors	Yes
257	Gulf view	Yes
258	Accessible rooms	Yes
259	High speed internet access	Yes
260	Interior corridors	Yes
261	High speed wireless	Yes
262	Kitchenette	Yes
263	Private bath or shower	Yes
264	Fire safety compliant	Yes
265	Welcome drink	Yes
266	Boarding pass print-out available	Yes
267	Printing services available	Yes
268	All public areas non-smoking	Yes
269	Meeting rooms	Yes
270	Movies in room	Yes
271	Secretarial service	Yes
272	Snow skiing	Yes
273	Water skiing	Yes
274	Fax service	Yes
275	Great room	Yes
276	Lobby	Yes
277	Multiple phone lines billed separately	Yes
278	Umbrellas	Yes
279	Gas station	Yes
280	Grocery store	Yes
281	24-hour coffee shop	Yes
282	Airport shuttle service	Yes
283	Luggage service	Yes

**cultuzz.**

Table 14: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
284	Piano Bar	Yes
285	VIP security	Yes
286	Complimentary wireless internet	Yes
287	Concierge breakfast	Yes
288	Same gender floor	Yes
289	Children programs	Yes
290	Building meets local	Yes
291	Internet browser On TV	Yes
292	Newspaper	Yes
293	Parking - controlled access gates to enter parking	Yes
294	Hotel safe deposit box (not room safe box)	Yes
295	Storage space available - fee	Yes
296	Type of entrances to guest rooms	Yes
297	Beverage/cocktail	Yes
298	Cell phone rental	Yes
299	Coffee/tea	Yes
300	Early check in guarantee	Yes
301	Food and beverage discount	Yes
302	Late check out guarantee	Yes
303	Room upgrade confirmed	Yes
304	Room upgrade on availability	Yes
305	Shuttle to local businesses	Yes
306	Shuttle to local attractions	Yes
307	Social hour	Yes
308	Video billing	Yes
309	Welcome gift	Yes
310	Hypoallergenic rooms	Yes
311	Room air filtration	Yes
312	Smoke-free property	Yes
313	Water purification system in use	Yes
314	Poolside service	Yes
315	Clothing store	Yes
316	Electric car charging stations	Yes
317	Office rental	Yes
318	Piano	Yes
319	Incoming fax	Yes
320	Outgoing fax	Yes
321	Semi-private space	Yes
322	Loading dock	Yes
323	Baby kit	Yes
324	Children's breakfast	Yes
325	Cloakroom service	Yes
326	Coffee lounge	Yes
327	Events ticket service	Yes
328	Late check-in	Yes
329	Limited parking	Yes
330	Outdoor summer bar/Café	Yes
331	No parking available	Yes
332	Beer garden	Yes

**cultuzz.**

Table 15: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
333	Garden lounge bar	Yes
334	Summer terrace	Yes
335	Winter terrace	Yes
336	Roof terrace	Yes
337	Beach bar	Yes
338	Helicopter service	Yes
339	Ferry	Yes
340	Tapas bar	Yes
341	Café bar	Yes
342	Snack bar	Yes
1001	per day	No
1002	Baby Changing	No
1003	Beauty Farm	No
1004	Car Park	No
1005	Chapel	No
1006	Drying Room	No
1007	In-house health service	No
1008	Floor Service	No
1009	Guest Lounge	No
1010	Rooftop heliport	No
1011	Holiday gymnastics	No
1012	Indoor Car Park	No
1013	No pets permitted	No
1014	Panorama restaurant	No
1015	Pets welcome	No
1016	Pizzeria	No
1017	Playroom	No
1018	Private ice-skating area	No
1019	Radio in all rooms	No
1020	Reading Lounge	No
1021	Ski boot dryer	No
1022	Ski Storage	No
1023	Terrace	No
1024	Toys	No
1025	Washing machine	No
1026	Wellness Area	No
1027	Winter room	No
1028	Acupuncture	No
1029	Aroma Flower Bath	No
1030	Autohemotherapy	No
1031	Ayurveda	No
1032	Bland Diet	No
1033	Brine Bath	No
1034	Buttermilk Bath	No
1035	Calidarium	No
1036	Cleopatra Bath	No
1037	Evening Primrose Bath	No
1038	Hay Baths	No
1039	Healing Water Spa Treatments	No

**cultuzz.**

Table 16: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
1040	Herbal Bath	No
1041	Inhalations	No
1042	Kinesiotherapy	No
1043	Kneipp Treatments	No
1044	Laconicum	No
1045	La Stone massage	No
1046	Local cure methods	No
1047	Mineral Baths	No
1048	Mineral Oil Baths	No
1049	Moorbad	No
1050	Orange Blossom Bath	No
1051	Oriental massages	No
1052	Other forms of cure	No
1053	Oxygen Therapy	No
1054	Physio Therapy	No
1055	Sea Salt Bath	No
1056	Shiatsu	No
1057	Singing bowls therapy	No
1058	Sports Massage	No
1059	Turkish bath	No
1060	Sulphur Baths	No
1061	Swedish Massage	No
1062	Hot springs	No
1063	Baby-sitting service	No
1064	Concierge Services	No
1065	Dutch Spoken	No
1066	English Spoken	No
1067	French Spoken	No
1068	German speaking	No
1069	Hungarian Spoken	No
1070	Internet access	No
1071	Italian Spoken	No
1072	Night Porter	No
1073	Polish Spoken	No
1074	Russian Spoken	No
1075	Sale of local products	No
1076	Spanish Spoken	No
1077	Swedish Spoken	No
1078	Transfer to cross-country trail	No
1079	Couples	No
1080	Seniors	No
1081	Young Adults	No
1082	Aroma cabin	No
1083	direct thermal access	No
1084	Thermal treatments	No
1085	Finnish sauna	No
1086	Own thermal area in hotel	No

**cultuzz.**

Table 17: Hotel Amenity Codes

OTA-HAC	Appellation	OTA_Code
1088	Infra red sauna	No
1089	Outdoor Swimming Pool	No
1090	Sanarium	No
1091	Sweat Room	No
1092	Vitality Training	No
1093	Asian Bath House	No
1094	Single Traveller	No
1095	Spa Cuisine/Health Foods	No
1096	Organic Foods	No
1097	Indoor Tennis Facilities	No
1098	Skiers' shuttle	No
1099	Stone Sauna	No
1100	Allergic persons	No
1101	Cosmetic Treatments	No

Table 18: Hotel Amenity Codes

**cultuzz.**



## 11.7 Age Qualifying Code (AQC)

OTA-AQC	OTA Description	OTA_Code
1	Over 21	Yes
2	Over 65	Yes
3	Under 2	Yes
4	Under 12	Yes
5	Under 17	Yes
6	Under 21	Yes
7	Infant	Yes
8	Child	Yes
9	Teenager	Yes
10	Adult	Yes
11	Senior	Yes
18	Under 10	Yes

Table 19: Age Qualifying Code

**cultuzz.**

## 11.8 Inventory Count Type (INV)

OTA-INV	OTA Description	OTA_Code
1	Physical	Yes
2	Definitive availability	Yes
3	Tentative availability	Yes
4	Definite sold	Yes
5	Tentative sold	Yes
6	Out of order	Yes
7	Not available for sale	Yes
8	Out of inventory	Yes
9	Off market	Yes
10	Under renovation	Yes
11	Under construction	Yes

Table 20: Inventory Count Type

## 11.9 Recreation Service Type (RST) corresponds to the Customer Service Interface (CSI)

OTA-RST	Appellation	OTA_Code
5	beach	Yes
9	Bowling alley	Yes
10	Children's program, onsite	Yes
13	Cross country skiing	Yes
19	Equipment available in health club	Yes
36	Health club	Yes
61	Horseback riding	Yes
62	Indoor tennis court	Yes
67	Miniature golf	Yes
71	Outdoor tennis courts	Yes
74	Playground	Yes
90	Solarium	Yes
92	Squash Courts	Yes
93	Steam bath	Yes
98	Volleyball	Yes
107	Jacuzzi	Yes
110	Water sports	Yes
111	Billiards	Yes
115	Sun tanning bed	Yes
117	Table tennis	Yes
121	Teen programs	Yes
122	Indoor pool	Yes
156	Ski in/out facilities	Yes
1001	Curling	No
1002	Dance	No
1003	Fishing pond	No
1004	Indoor squash facility	No
1005	Natural ice rink	No
1006	Swimming pond	No
1007	Private boat pier	No
1008	Swimming Pool	No
1009	Windsurf hire	No
1010	Windsurf storage room	No
1011	Sailing school/ rent	No
1012	Petting zoo	No

**cultuzz.**

Table 21: Recreation Service Type

## 11.10 InvTypeCode\_Product Element Categories

ID	Name
1	CLTZ_PEC_ROOMS
2	CLTZ_PEC_MEALS
3	CLTZ_PEC_ROOMS_GUESTROOMS
4	CLTZ_PEC_MEALS_BREAKFAST
5	CLTZ_PEC_MEALS_HALF_BOARD
6	CLTZ_PEC_MEALS_FULL_BOARD
7	CLTZ_PEC_MEALS_ALLINCLUSIVE
8	CLTZ_PEC_BEDS
9	CLTZ_PEC_BEDS_BABY
10	CLTZ_PEC_BEDS_ADDITIONAL
11	CLTZ_PEC_WELLNESS
12	CLTZ_PEC_WELLNESS_COSMETIC_APPLIANCE
13	CLTZ_PEC_LEISURE_FACILITIES
14	CLTZ_PEC_SPECIALS
15	CLTZ_PEC_ADDITIONAL_AMENITY
16	CLTZ_PEC_CANDLELIGHT_DINNER
17	CLTZ_PEC_BEACH_CHAIR
18	CLTZ_PEC_DUNE_TOUR
19	CLTZ_PEC_SPECIALS_DEPARTURE
20	CLTZ_PEC_HARD_PILLOW
21	CLTZ_PEC_SOFT_PILLOW
22	CLTZ_PEC_CLEANING
23	CLTZ_PEC_PETS
24	CLTZ_PEC_LAUNDRY
25	CLTZ_PEC_ELECTRICITY
26	CLTZ_PEC_WATER
27	CLTZ_PEC_HEATING
28	CLTZ_PEC_GAS
29	CLTZ_PEC_WASTE
30	CLTZ_PEC_THREEQUART_BOARD
31	CLTZ_PEC_ONLYOVER_NIGHT
39	CLTZ_PEC_CONTINENTAL
40	CLTZ_PEC_SCOTTISH_BREAKFAST
41	CLTZ_PEC_ENGLISH_BREAKFAST

**cultuzz.**

Table 22: InvTypeCode\_Product Element Categories

## 11.11 Attribute Abbreviation for week days

Week Day	Abbreviation
Monday	Mon
Tuesday	Tue
Wednesday	Weds
Thursday	Thur
Friday	Fri
Saturday	Sat
Sunday	Sun

Table 23: Attribute Abbreviation for week days



## 11.12 Supported Credit Cards

CardCode	Issuer
AC	Argencard
AU	Australian BankCard
AX	AmericanExpress
BA	Bancontact
BC	Bankcard
BL	Carte Bleue
CA	MasterCard/EuroCard
CB	CardeBlanche
CH	Chipper
CL	Cabal
CS	CartaSi
CU	China UnionPay
DC	DinersClub
DR	Dragon
DI	Discover
EF	Eftpos
EV	Expedia Virtual Card
GW	Greatwall
JC	JapanCreditBureau
JS	Jin Sui
MS	Maestro
NI	Nicos
OT	Other Cards
PA	Pacific
PE	Peony
PI	PIN
RC	Red Compra
RE	Red 6000
SO	Solo
SW	Switch
UC	UC
VI	Visa
MC	Mastercard VAN

**cultuzz.**

Table 24: Supported Credit Cards

### 11.13 Room Amenity Code (RMA) corresponds to the Customer Service Interface (CSI)

OTA-RMA	Appellation	OTA_Code
1	Adjoining rooms	Yes
2	Air conditioning	Yes
3	Alarm clock	Yes
4	All news channel	Yes
5	AM/FM radio	Yes
6	Baby listening device	Yes
7	Balcony/Lanai/Terrace	Yes
8	Barbeque grills	Yes
9	Bath tub with spray jets	Yes
10	Bathrobe	Yes
11	Bathroom amenities	Yes
12	Bathroom telephone	Yes
13	Bathtub	Yes
14	Bathtub only	Yes
15	Bathtub/shower combination	Yes
16	Bidet	Yes
17	Bottled water	Yes
18	Cable television	Yes
19	Coffee/Tea maker	Yes
20	Color television	Yes
21	Computer	Yes
22	Connecting rooms	Yes
23	Converters/ Voltage adaptors	Yes
24	Copier	Yes
25	Cordless phone	Yes
26	Cribs	Yes
27	Data port	Yes
28	Desk	Yes
29	Desk with lamp	Yes
30	Dining guide	Yes
31	Direct dial phone number	Yes
32	Dishwasher	Yes
33	Double beds	Yes
34	Dual voltage outlet	Yes
35	Electrical current voltage	Yes
36	Ergonomic chair	Yes
37	Extended phone cord	Yes
38	Fax Machine	Yes
39	Fire alarm	Yes
40	Fire alarm with light	Yes
41	Fireplace	Yes
42	Free toll free calls	Yes
43	Free calls	Yes
44	Free credit card access calls	Yes
45	Free local calls	Yes

**cultuzz.**

Table 25: Room Amenity Code

OTA-RMA	Appellation	OTA_Code
46	Free movies/video	Yes
47	Full kitchen	Yes
48	Grab bars in bathroom	Yes
49	Grecian tub	Yes
50	Hairdryer	Yes
51	High speed internet connection	Yes
52	Interactive web TV	Yes
53	International direct dialing	Yes
54	Internet access	Yes
55	Iron	Yes
56	Ironing board	Yes
57	Whirlpool	Yes
58	King bed	Yes
59	Kitchen	Yes
60	Kitchen supplies	Yes
61	Kitchenette	Yes
62	Knock light	Yes
63	Laptop	Yes
64	Large desk	Yes
65	Large work area	Yes
66	Laundry basket/clothes hamper	Yes
67	Loft	Yes
68	Microwave	Yes
69	Minibar	Yes
70	Modem	Yes
71	Modem jack	Yes
72	Multi-line phone	Yes
73	Newspaper	Yes
74	Non-smoking	Yes
75	Notepads	Yes
76	Office supplies	Yes
77	Oven	Yes
78	Pay per view movies on TV	Yes
79	Pens	Yes
80	Phone in bathroom	Yes
81	Plates and bowls	Yes
82	Pots and pans	Yes
83	Prayer mats	Yes
84	Printer	Yes
85	Private bathroom	Yes
86	Queen bed	Yes
87	Recliner	Yes
88	Refrigerator	Yes
89	Refrigerator with ice maker	Yes
90	Remote control television	Yes
91	Rollaway bed	Yes
92	Safe	Yes
93	Scanner	Yes

**cultuzz.**

Table 26: Room Amenity Code

OTA-RMA	Appellation	OTA_Code
94	Separate closet	Yes
95	Separate modem line available	Yes
96	Shoe polisher	Yes
97	Shower only	Yes
98	Silverware/utensils	Yes
99	Sitting area	Yes
100	Smoke detectors	Yes
101	Smoking	Yes
102	Sofa bed	Yes
103	Speaker phone	Yes
104	Stereo	Yes
105	Stove	Yes
106	Tape recorder	Yes
107	Telephone	Yes
108	Telephone for hearing impaired	Yes
109	Telephones with message light	Yes
110	Toaster oven	Yes
111	Trouser/Pant press	Yes
112	Turn down service	Yes
113	Twin bed	Yes
114	Vaulted ceilings	Yes
115	VCR movies	Yes
116	VCR player	Yes
117	Video games	Yes
118	Voice mail	Yes
119	Wake-up calls	Yes
120	Water closet	Yes
121	Water purification system	Yes
122	Wet bar	Yes
123	Wireless internet connection	Yes
124	Wireless keyboard	Yes
125	Adaptor available for telephone PC use	Yes
126	Air conditioning individually controlled in room	Yes
127	Bathtub & whirlpool separate	Yes
128	Telephone with data ports	Yes
129	CD player	Yes
130	Complimentary local calls time limit	Yes
131	Extra person charge for rollaway use	Yes
132	Down/feather pillows	Yes
133	Desk with electrical outlet	Yes
134	ESPN available	Yes
135	Foam pillows	Yes
136	HBO available	Yes
137	High ceilings	Yes
138	Marble bathroom	Yes
139	List of movie channels available	Yes
140	Pets allowed	Yes

**cultuzz.**

Table 27: Room Amenity Code



OTA-RMA	Appellation	OTA_Code
141	Oversized bathtub	Yes
142	Shower	Yes
143	Sink in-room	Yes
144	Soundproofed room	Yes
145	Storage space	Yes
146	Tables and chairs	Yes
147	Two-line phone	Yes
148	Walk-in closet	Yes
149	Washer/dryer	Yes
150	Weight scale	Yes
151	Welcome gift	Yes
152	Spare electrical outlet available at desk	Yes
153	Non-refundable charge for pets	Yes
154	Refundable deposit for pets	Yes
155	Separate tub and shower	Yes
156	Entrance type to guest room	Yes
157	Ceiling fan	Yes
158	CNN available	Yes
159	Electrical adaptors available	Yes
160	Buffet breakfast	Yes
161	Accessible room	Yes
162	Closets in room	Yes
163	DVD player	Yes
164	Mini-refrigerator	Yes
165	Separate line billing for multi-line phone	Yes
166	Self-controlled heating/cooling system	Yes
167	Toaster	Yes
168	Analog data port	Yes
169	Collect calls	Yes
170	International calls	Yes
171	Carrier access	Yes
172	Interstate calls	Yes
173	Intrastate calls	Yes
174	Local calls	Yes
175	Long distance calls	Yes
176	Operator-assisted calls	Yes
177	Credit card access calls	Yes
178	Calling card calls	Yes
179	Toll free calls	Yes
180	Universal AC/DC adaptors	Yes
181	Bathtub seat	Yes
182	Canopy/poster bed	Yes
183	Cups/glassware	Yes
184	Entertainment center	Yes
185	Family/oversized room	Yes
186	Hypoallergenic bed	Yes
187	Hypoallergenic pillows	Yes
188	Lamp	Yes

**cultuzz.**

Table 28: Room Amenity Code

OTA-RMA	Appellation	OTA_Code
189	Meal included - breakfast	Yes
190	Meal included - continental breakfast	Yes
191	Meal included - dinner	Yes
192	Meal included - lunch	Yes
193	Shared bathroom	Yes
194	Telephone TDD/Textphone	Yes
195	Water bed	Yes
196	Extra adult charge	Yes
197	Extra child charge	Yes
198	Extra child charge for rollaway use	Yes
199	Meal included: full American breakfast	Yes
200	Futon	Yes
201	Murphy bed	Yes
202	Tatami mats	Yes
203	Single bed	Yes
204	Annex room	Yes
205	Free newspaper	Yes
206	Honeymoon suites	Yes
207	Complimentary high speed internet in room	Yes
208	Maid service	Yes
209	PC hook-up in room	Yes
210	Satellite television	Yes
211	VIP rooms	Yes
212	Cell phone recharger	Yes
213	DVR player	Yes
214	iPod docking station	Yes
215	Media center	Yes
216	Plug & play panel	Yes
217	Satellite radio	Yes
218	Video on demand	Yes
219	Exterior corridors	Yes
220	Gulf view	Yes
221	Accessible room	Yes
222	Interior corridors	Yes
223	Mountain view	Yes
224	Ocean view	Yes
225	High speed internet access fee	Yes
226	High speed wireless	Yes
227	Premium movie channels	Yes
228	Slippers	Yes
229	First nighters' kit	Yes
230	Chair provided with desk	Yes
231	Pillow top mattress	Yes
232	Feather bed	Yes
233	Duvet	Yes
234	Luxury linen type	Yes
235	International channels	Yes

**cultuzz.**

Table 29: Room Amenity Code

OTA-RMA	Appellation	OTA_Code
236	Pantry	Yes
237	Dish-cleaning supplies	Yes
238	Double vanity	Yes
239	Lighted makeup mirror	Yes
240	Upgraded bathroom amenities	Yes
241	VCR player available at front desk	Yes
242	Instant hot water	Yes
243	Outdoor space	Yes
244	Hinoki tub	Yes
245	Private pool	Yes
246	High Definition (HD) Flat Panel Television - 32 in	Yes
247	Room windows open	Yes
248	Bedding type unknown or unspecified	Yes
249	Full bed	Yes
250	Round bed	Yes
251	TV	Yes
252	Child rollaway	Yes
253	DVD player available at front desk	Yes
254	Video game player:	Yes
255	Video game player available at front desk	Yes
256	Dining room seats	Yes
257	Full size mirror	Yes
258	Mobile/cellular phones	Yes
259	Movies	Yes
260	Multiple closets	Yes
261	Plates/glassware	Yes
262	Safe large enough to accommodate a laptop	Yes
263	Bed linen thread count	Yes
264	Blackout curtain	Yes
265	Bluray player	Yes
266	Device with mp3	Yes
267	No adult channels or adult channel lock	Yes
268	Non-allergenic room	Yes
269	Pillow type	Yes
270	Seating area with sofa/chair	Yes
271	Separate toilet area	Yes
272	Web enabled	Yes
273	Widescreen TV	Yes
274	Other data connection	Yes
275	Phoneline billed separately	Yes
276	Separate tub or shower	Yes
277	Video games	Yes
278	Roof ventilator	Yes
279	Children's playpen	Yes
280	Plunge pool	Yes

**cultuzz.**

Table 30: Room Amenity Code

## 11.14 Reference Point Category Code (REF)

OTA-REF	Appellation	OTA_Code
1	Airport	Yes
2	Amusement park	Yes
3	Arena	Yes
4	Bar	Yes
5	Bay	Yes
6	Beach	Yes
7	Boat dock	Yes
8	Bus station	Yes
9	Church	Yes
10	City center	Yes
11	Corporation	Yes
12	Educational institution	Yes
13	Ferry station	Yes
14	Financial district	Yes
15	Financial institution	Yes
16	Lake	Yes
17	Landmark	Yes
18	Library	Yes
19	Marina	Yes
20	Market	Yes
21	Medical facility	Yes
22	Metro/subway station	Yes
23	Monument	Yes
24	Museum	Yes
25	Park	Yes
26	Racetrack	Yes
27	Restaurant	Yes
28	River	Yes
29	School	Yes
30	Shopping center	Yes
31	Sports facility	Yes
32	Synagogue	Yes
33	Town center	Yes
34	Train station	Yes
35	University	Yes
36	Zoo	Yes
37	Local area	Yes
1001	Next Highway Exit	No
1002	Car	No

**cultuzz.**

Table 31: Reference Point Category Code

## 11.15 Unit of Measure Code (UOM)

OTA-UOM	Appellation	OTA_Code
1	Miles	Yes
2	Kilometers	Yes
3	Meters	Yes
4	Millimeters	Yes
5	Centimeters	Yes
6	Yards	Yes
7	Feet	Yes
8	Inches	Yes
9	Pixels	Yes
10	Block	Yes
11	Megabytes	Yes
12	Gigabytes	Yes
13	Square feet	Yes
14	Square meters	Yes
15	Pounds	Yes
16	Kilograms	Yes
17	Square inch	Yes
18	Square yard	Yes
19	Acre	Yes
20	Square millimeter	Yes
21	Square centimeter	Yes
22	Hectare	Yes
23	Ounce	Yes
24	Gram	Yes

**cultuzz.**

Table 32: Unit of Measure Code (UOM)

## 11.16 Address Use Type (AUT)

OTA-AUT	Appellation	OTA_Code
1	Delivery	Yes
2	Mailing	Yes
3	Billing	Yes
4	Credit card	Yes
5	Other	Yes
6	Contact	Yes
7	Physical	Yes
8	Pre-opening office	Yes
9	Collection	Yes
10	Chain	Yes
11	Deposit	Yes

Table 33: Address Use Type (AUT)

## 11.17 Relationship Codes (REL)

OTA-REL	Appellation	OTA_Code
1	Asset manager	Yes
2	Franchisee	Yes
3	General manager	Yes
4	Intermediary	Yes
5	Joint venture	Yes
6	LLC	Yes
7	Land owner	Yes
8	Lessee	Yes
9	Lessor	Yes
10	Manager	Yes
11	Marketing agreement	Yes
12	None	Yes
13	Owner	Yes
14	Partner JV	Yes
15	Partner minority	Yes
16	Partnership	Yes
17	Related investments	Yes
18	Subsidiary	Yes

Table 34: Relationship Codes

**cultuzz.**

## 11.18 Option Type Code (OTC)

OTA-OTC	Appellation	OTA_Code
1	Yes	Yes
2	No	Yes
3	Not applicable	Yes
4	Not available	Yes

Table 35: Option Type Code

## 11.19 Payment Type (PMT)

OTA-PMT	Appellation	OTA_Code
1	Cash	Yes
6	Debit card	Yes
7	Cheque	Yes
12	Business check	Yes
1001	Bank Transfer	No

Table 36: Payment Type



## 11.20 Supported Guarantee Types

Guarantee Code	Guarantee Type	Description	OTA_Code
1	None	Direct booking	Yes
2	GuaranteeRequired (email verification)	After generating a reservation, the relevant customer received an email with the verification link	Yes
3	CC/DC/Voucher (Credit card)	An accommodation requires valid Credit card data	Yes
4	Profile	Profile	Yes
5	Deposit	Deposit	Yes
6	PrePay	PrePay	Yes
7	OnArrival	On Arrival	Yes
8	OnDeparture	On Departure	Yes

Table 37: Supported Guarantee Types

## 11.21 Market Codes for Source of Business

Here, the MarketCode value will be changed according to the value of "ReqRespVersion" attribute in OTA\_ReadRQ XML.

1. MarketCode indicates Channel ID value when the PMS requested with the ReqRespVersion below 3.20.
2. MarketCode indicates Distributor ID value when the PMS requested with the ReqRespVersion from 3.20 and above.

Source Of Business	Market Code/Channel_ID (Below ReqRespVersion 3.20)	Market Code/Distributor_ID (From ReqRespVersion 3.20)
Name	AccommodationID (RequestorID)	Cultuzz DistributorID
HRS	1	6484
eBay as channel		2
Booking.com	4	7563
CultBooking		6
CRC	8	9301
Expedia Quick Connect	10	6695
RatesToGo	11	7102
Feratel	15	7094
Reconline (GDS)	16	7095
Hotel.de	17	1475
Venere Connect	18	9479
Unister Ultranet	20	9909
WildEast	21	9482
TOMAS	22	10362
Lastminute	23	10423
NetHotels	24	9480
HotelSpecials	25	10785
Agoda	26	10786
LateRooms	27	13954
Tiscover_PL	28	11508
RateTiger	30	12526
Feratel Deskline 3.0	32	13002
Orbitz	33	14066
Budget Places	34	14168
Intobis	35	14166
Kurzurlaub	36	36760
Initialia	37	36746
Escapio	38	29948
hoteliers.com	46	42772
Secra	50	44142
Hostelworld	60	47768
Cultuzz-CultBooking Channel		13028
Hotel.de Pull		13144
Schmetterling Reisen		14638
RoomAllot Pte Ltd		29952
BestFewo.de		13532

**cultuzz.**

Table 38: Market Codes for Source of Business



Source Of Business	Market Code/Channel_ID (Below ReqRespVersion 3.20)	Market Code/Distributor_ID (From ReqRespVersion 3.20)
Travelocity		11155
Hostelsclub		37628
Ehotel AG		1772
CRC-Pull		43474
Master Bookings		44644
Hotusa		54376
Despiger		54154
Goibibo		56236
Kurz-Mal-weg		55478
FreeTimeCompany		57916
Ultraset/Tourini		50610
Offpeakluxury		56554
Kurzuraub.at		55286
Swisstours		52892
Trivago		51248
TripAdvisor		44432
Caesar Data		48438
GTA		52038
HotelBeds		49102
HotelRez		52212
Ostrovok		53204
Travel Republic		48434

**cultuzz.**

Table 39: Market Codes for Source of Business

## 11.22 CultSwitch name attributes for requesting PriceCalculationInfo

ID	Name
1	Only DuraionSupplemnt
2	Only Earlybird
3	Only DuraionSupplemnt and Earlybird
4	Only LastMinute
5	Only LastMinute and DuraionSupplemnt
6	Only LastMinute and Earlybird
7	Only LastMinute, Earlybird and DuraionSupplemnt
8	Only FreeNights
9	Only FreeNights and DuraionSupplemnt
10	Only FreeNights and Earlybird
11	Only FreeNights, Earlybird and DuraionSupplemnt
12	Only FreeNights and LastMinute
13	Only FreeNights, LastMinute and DuraionSupplemnt
14	Only FreeNights, LastMinute and Earlybird
15	All

Table 40: CultSwitch name attributes for requesting PriceCalculationInfo

## 11.23 Accommodation Chain

No	Name
1	Oberoi Hotels and Resorts
2	Novotel
3	50Plus Hotels

Table 41: Accommodation Classifications

**cultuzz.**

## 11.24 Location Category Codes(LOC)

OTA-LOC	Appellation	OTA_Code
1	Airport	Yes
2	Beach	Yes
4	Downtown	Yes
7	Lake	Yes
8	Mountain	Yes
10	Resort/Town	Yes
27	River	Yes
1001	Country	No
1002	Province	No
1003	Hotel Chain	No
1004	Themed Hotel	No
1005	Virtueller Marketingsverbund	No
1006	Historical building	No
1007	Near harbor	No
1008	Next to thermal bath	No
1009	Outskirts of Village	No
1010	Out in the open	No
1011	Peaceful place61(Horseback riding)	No
1012	In the valley	No
1013	Romantic building	No
1014	Seafront	No
1015	At the beach	No
1016	Motorway nearby	No
1017	District	No

**cultuzz.**

Table 42: Location Category Codes

## 11.25 Distributed Systems

DistribID	Name
1	eBayCOR
2	AirMiles
3	Jacob
4	Tiscover
5	Amadeus
6	Sabre
7	Galileo
8	Worldspan
9	Pegasus
11	Suite8

Table 43: Distributed Systems

## 11.26 Pets Policy Code (PET)

OTA-PET	Appellation	OTA_Code
1001	Bees	No
1002	Calves	No
1003	Cats	No
1004	Cows	No
1005	Chestnuts	No
1006	Dogs	No
1007	Donkey	No
1008	Ducks	No
1009	Fallow deer	No
1010	Flowers	No
1011	Fruits	No
1012	Goats	No
1013	Guinea pig	No
1014	hares	No
1015	Hens	No
1016	Horses	No
1017	Llamas	No
1018	Herbs	No
1019	Other animals	No
1020	Petting animals	No
1021	Pigs	No
1022	Ponies	No
1023	Sheep	No
1024	Trout	No
1025	Vegetables	No

**cultuzz.**

Table 44: Pets Policy Code (PET)

## 11.27 Credit Card Type (CDT)

OTA-CDT	Card Type	OTA_Code
1	Credit	Yes
2	Debit	Yes
3	Central Bill	Yes

Table 45: Credit Card Types

## 11.28 Guest Room Info (GRI)

OTA-GRI	Appellation (CSI)	OTA_Code
10	Double bedrooms	Yes
28	Total rooms and suites	Yes
34	Adjoining rooms or suites	Yes
36	Family/oversized accommodations	Yes
230	Capacity	No
231	Capacity Type	No
1001	Dormitory	No
1002	Holiday house(s)	No
1003	Multiple Bedroom	No
1004	Single Rooms	No
1005	Beds	No
1006	Mr.	No
1007	Ms.	No
1008	Blank	No

Table 46: Guest Room Info (GRI)

**cultuzz.**

## 11.29 Meal Plan Type (MPT)

OTA-MPT	Appellation	OTA_Code
1	All inclusive	Yes
2	American	Yes
3	Bed and breakfast	Yes
4	Buffet breakfast	Yes
5	Caribbean breakfast	Yes
6	Continental plan	Yes
7	English breakfast	Yes
8	European plan	Yes
9	Family plan	Yes
10	Full Board	Yes
11	Full breakfast	Yes
12	Half Board	Yes
13	As brochured	Yes
14	Room only	Yes
15	Self catering	Yes
16	Bermuda	Yes
17	Dinner bed and breakfast plan	Yes
18	Family American	Yes
1001	No Food Arrangements	No
1002	Roll service	No

Table 47: Meal Plan Type (MPT)

## 11.30 Meeting Room Code (MRC)

OTA-MRC	Appellation	OTA_Code
18	Installed stage	Yes
49	TV	Yes
50	TV production service provider)	Yes
51	VCR	Yes
52	Video camera	Yes
91	Number of meeting rooms	Yes
103	Catering	Yes
109	PA system portable	Yes
119	Lectern	Yes
135	Laser Pointer	Yes
148	Wireless microphones	Yes
1001	digital camera	No
1002	DVD-Player	No
1003	Epidiascope	No
1004	Gym mats	No
1005	Large-Format Screen	No
1006	Magnet board	No
1007	Mixer	No
1008	moderation-kit	No
1009	OHP	No
1010	Photo-Copying Machine	No
1011	Seminar support	No
1012	Simultaneous Interpretation Facilities	No
1013	video projector	No
1014	WLAN	No
1015	Camcorder	No
1016	Screen	No

**cultuzz.**

Table 48: Meeting Room Code (MRC)

### 11.31 Business Srvc Type (BUS)

OTA-BUS	Appellation	OTA_Code
1	Computer	Yes
43	Flip Chart	Yes
50	Whiteboard	Yes
91	Slide Projector	Yes
97	E-mail service	Yes
1001	Fax and E-Mail	No

Table 49: Business Srvc Type (BUS)

### 11.32 Recreation Srvc Detail Code (REC)



OTA-REC	Appellation	OTA_Code
16	Body wrap	Yes
21	Manicures/pedicures	Yes
22	Massages	Yes
41	Services availalble	Yes
48	Slope	Yes

Table 50: Recreation Srvc Detail Code (REC)

### 11.33 Attraction Category Code (ACC)

OTA-ACC	Appellation	OTA_Code
27	Library	Yes
56	Winery	Yes
73	Bar	Yes
90	Attraction Category Code	Yes
91	Bowling	Yes
100	Factory/Business Tour	Yes

Table 51: Attraction Category Code (ACC)

### 11.34 Main Cuisine Code (CUI)

OTA-CUI	Appellation	OTA_Code
49	International	Yes
57	Vegetarian	Yes
1001	Wellness Cuisine	No
1002	Rustic Cuisine	No
1003	Authentic Specialties of the Region	No
1004	Fresh farm produce	No

Table 52: Main Cuisine Code (CUI)

### 11.35 Picture Categories (PIC)



OTA-PIC	Appellation	OTA_Code
1	Exterior view	Yes
2	Lobby view	Yes
3	Pool view	Yes
4	Restaurant	Yes
5	Health club	Yes
6	Guest room	Yes
7	Suite	Yes
8	Meeting room	Yes
9	Ballroom	Yes
10	Golf course	Yes
11	Beach	Yes
12	Spa	Yes
13	Bar/Lounge	Yes
14	Recreational facility	Yes
15	Logo	Yes
16	Basics	Yes
17	Map	Yes
18	Promotional	Yes
19	Hot news	Yes
20	Miscellaneous	Yes
21	Guest room amenity	Yes
22	Property amenity	Yes
23	Business center	Yes

Table 53: OTA-Picture Categories (PIC)



### 11.36 Other OTACodes

CODE	OTA_TYPE	Appellation	OTA_Code
4	Transportation Code(TRP)	Cable car	Yes
17	Transportation Code(TRP)	Shuttle	Yes
28	Equipment Type(EQP)	Wheelchair accessible van	Yes
35	Equipment Type(EQP)	Ski rental	Yes
36	Equipment Type(EQP)	Ski equipped	Yes
9	Restaurant Srvc Info(RSI)	Self service	Yes
14	Restaurant Srvc Info(RSI)	Dedicated non-smoking section	Yes
1001	Restaurant Srvc Info(RSI)	Special meals for kids	No
7	Restaurant Category Code(RES)	Family	Yes
1	Restaurant Policy Code(RPC)	Accepted only for large groups	Yes
1	Distribution Type(DTB)	Fax	Yes
1	Fare Restriction(FAR)	none	Yes
11	Contact Srvc Code(CSC)	Room service	Yes
8	Information Type(INF)	Awards	Yes

**cultuzz.**

Table 54: Other OTACodes

### 11.37 Supplement Types

CODE	Appellation	OTA_Code
50	Fixed Price for n persons	No
51	Amount of reduction on daily Price for n persons	No
52	Amount of surcharge on daily Price for n persons	No
53	Percent of reduction on daily Price for n persons	No
54	Percent of surcharge on daily Price for n persons	No
55	Fixed Price for n'th person	No
56	Amount reduction for n'th person on daily price	No
57	Amount surcharge for n'th person on daily price	No
58	Percent reduction for n'th person on daily price	No
59	Percent surcharge for n'th person on daily price	No
60	Fixed Amount for every guest thereupon	No
61	Amount reduction for every guest thereupon	No
62	Amount surcharge for every guest thereupon	No
63	Percent reduction for every guest thereupon	No
64	Percent surcharge for every guest thereupon	No

Table 55: Supplement Types

## 11.38 Accommodation Type Codes

ID	Type
1	root
2	Sonstiges
3	Ferienwohnung
4	Pension
5	Hotel
8	Restaurant
9	Tourismus
12	Distributor
13	Industrie
14	Logistikzentrum
15	ebayhotel
16	Vertriebs-Partner
17	PseudoObjekt
18	CRS_Hotel
19	eHotel_Customer
20	wildEast_Customer
21	smarHOTEL_Customer
22	HotelSpider
24	Sales Representative
25	Holiday home
27	Stephen Liu

**cultuzz.**

Table 56: Accommodation Type Codes

## 11.39 Hotel Classifications

Name	Range
Dehoga	0 - 5 Stars
SGS [Societe Generale de Surveillance]	0-7 stars
Hotelleriesuisse	0-5 stars
Hotelstars Union	Stars 1, 1S, 2, 2S ... 5, 5S
OHG [Official Hotel Guide]	1-10 classes
TGC [Tourism Grading Council Southafrica]	

Table 57: Hotel Classifications

## 11.40 Additional Features

Feature ID	Feature Name	Description
1	FSA	Free Sale Allotment
2	Hotel ID	Hotel ID
3	BoardType	BoardType
4	BoardExtraPrice	BoardExtraPrice
6	Pricebasis	Pricebasis
8	Occupancy	Occupancy
9	Min	MinOccupancy
10	Base	BaseOccupancy
11	Max	MaxOccupancy
12	NumerOfAdults	NumerOfAdults
14	Children	ChildrenPrices
15	bisAlter	bisAlter
16	Fee	fee
17	Board	Board
20	OccupancyValue	OccupancyValue
22	Price	Price
23	Period	Period
25	DurationType	DurationType(Days,Weeks,months,Years)
27	ContactDuration	ContactDuration
29	ContactEndDate	ContactEndDate
39	Price	Price
41	Currency	Currency
43	Token	Token
45	MSKU offer	MSKU offer
47	OfferStatus	OfferStatus
49	SiteID	SiteID
51	VariationStart	VariationStart
53	VariationEnd	VariationEnd
55	AuctionID	AuctionID
76	ChannelUserID	ChannelUserID
77	ChannelPassword	ChannelPassword
78	Multiple Accounts	Multiple Accounts
80	PriceModel	PriceModel
82	ProductMappingStatus	ProductMappingStatus
85	Qualifier	Qualifier
87	ContractId	ContractId
89	PriceType	PriceType
91	ContractType	ContractType
93	LandLord ID	LandLord ID

**cultuzz.**

Table 58: Additional Features

## 11.41 Product/Room Amenities

No.	typ	OTA_Code	text
1	1	1	Adjoining rooms
2	1	2	Air conditioning
3	1	3	Alarm clock
4	1	4	All news channel
5	1	5	AM/FM radio
6	1	6	Baby listening device
7	1	7	Balcony/Lanai/Terrace
8	1	8	Barbeque grills
9	1	9	Bath tub with spray jets
10	1	10	Bathrobe
11	1	11	Bathroom amenities
12	1	12	Bathroom telephone
13	1	13	Bathtub
14	1	14	Bathtub only
15	1	15	Bathtub/shower combination
16	1	16	Bidet
17	1	17	Bottled water
18	1	18	Cable television
19	1	19	Coffee/Tea maker
20	1	20	Color television
21	1	21	Computer
22	1	22	Connecting rooms
23	1	23	Converters/ Voltage adaptors
24	1	24	Copier
25	1	25	Cordless phone
26	1	26	Cribs
27	1	27	Data port
28	1	28	Desk
29	1	29	Desk with lamp
30	1	30	Dining guide
31	1	31	Direct dial phone number
32	1	32	Dishwasher
33	1	33	Double beds
34	1	34	Dual voltage outlet
35	1	35	Electrical current voltage
36	1	36	Ergonomic chair
37	1	37	Extended phone cord
38	1	38	Fax machine
39	1	39	Fire alarm
40	1	40	Fire alarm with light
41	1	41	Fireplace
42	1	42	Free toll free calls
43	1	43	Free calls
44	1	44	Free credit card access calls
45	1	45	Free local calls
46	1	46	Free movies/video
47	1	47	Full kitchen

**cultuzz.**

Table 59: Product/Room Amenities

No.	typ	OTA_Code	text
48	1	48	Grab bars in bathroom
49	1	49	Grecian tub
50	1	50	Hairdryer
51	1	51	High speed internet connection
52	1	52	Interactive web TV
53	1	53	International direct dialing
54	1	54	Internet access
55	1	55	Iron
56	1	56	Ironing board
57	1	57	Jacuzzi
58	1	58	King bed
59	1	59	Kitchen
60	1	60	Kitchen supplies
61	1	61	Kitchenette
62	1	62	Knock light
63	1	63	Laptop
64	1	64	Large desk
65	1	65	Large work area
66	1	66	Laundry basket/clothes hamper
67	1	67	Loft
68	1	68	Microwave
69	1	69	Minibar
70	1	70	Modem
71	1	71	Modem jack
72	1	72	Multi-line phone
73	1	73	Newspaper
74	1	74	Non-smoking
75	1	75	Notepads
76	1	76	Office supplies
77	1	77	Oven
78	1	78	Pay per view movies on TV
79	1	79	Pens
80	1	80	Phone in bathroom
81	1	81	Plates and bowls
82	1	82	Pots and pans
83	1	83	Prayer mats
84	1	84	Printer
85	1	85	Private bathroom
86	1	86	Queen bed
87	1	87	Recliner
88	1	88	Refrigerator
89	1	89	Refrigerator with ice maker
90	1	90	Remote control television
91	1	91	Roll-Aways
92	1	92	Safe
93	1	93	Scanner
94	1	94	Separate closet
95	1	95	Separate modem line available
96	1	96	Shoe polisher
97	1	97	Shower only

**cultuzz.**

Table 60: Product/Room Amenities

No.	typ	OTA_Code	text
98	1	98	Silverware/utensils
99	1	99	Sitting area
100	1	100	Smoke detectors
101	1	101	Smoking
102	1	102	Sofa bed
103	1	103	Speaker phone
104	1	104	Stereo
105	1	105	Stove
106	1	106	Tape recorder
107	1	107	Telephone
108	1	108	Telephone for hearing impaired
109	1	109	Telephones with message light
110	1	110	Toaster oven
111	1	111	Trouser/Pant press
112	1	112	Turn down service
113	1	113	Twin bed
114	1	114	Vaulted ceilings
115	1	115	VCR movies
116	1	116	VCR player
117	1	117	Video games
118	1	118	Voice mail
119	1	119	Wake-up calls
120	1	120	Water closet
121	1	121	Water purification system
122	1	122	Wet bar
123	1	123	Wireless internet connection
124	1	124	Wireless keyboard
125	1	125	Adaptor available for telephone PC use
126	1	126	Air conditioning individually controlled in room
127	1	127	Bathtub
128	1	128	Telephone with data ports
129	1	129	CD player
130	1	130	Complimentary local calls time limit
131	1	131	Extra person charge for rollaway use
132	1	132	Down/feather pillows
133	1	133	Desk with electrical outlet
134	1	134	ESPN available
135	1	135	Foam pillows
136	1	136	HBO available
137	1	137	High ceilings
138	1	138	Marble bathroom
139	1	139	List of movie channels available
140	1	140	Pets allowed
141	1	141	Oversized bathtub
142	1	142	Shower
143	1	143	Sink in-room
144	1	144	Soundproofed room
145	1	145	Storage space
146	1	146	Tables and chairs

**cultuzz.**

Table 61: Product/Room Amenities

No.	typ	OTA_Code	text
147	1	147	Two-line phone
148	1	148	Walk-in closet
149	1	149	Washer/dryer
150	1	150	Weight scale
151	1	151	Welcome gift
152	1	152	Spare electrical outlet available at desk
153	1	153	Non-refundable charge for pets
154	1	154	Refundable deposit for pets
155	1	155	Separate tub and shower
156	1	156	Entrance type to guest room
157	1	157	Ceiling fan
158	1	158	CNN available
159	1	159	Electrical adaptors available
160	1	160	Buffet breakfast
161	1	161	Accessible room
162	1	162	Closets in room
163	1	163	DVD player
164	1	164	Mini-refrigerator
165	1	165	Separate line billing for multi-line phone
166	1	166	Self-controlled heating/cooling system
167	1	167	Toaster
168	1	168	Analog data port
169	1	169	Collect calls
170	1	170	International calls
171	1	171	Carrier access
172	1	172	Interstate calls
173	1	173	Intrastate calls
174	1	174	Local calls
175	1	175	Long distance calls
176	1	176	Operator-assisted calls
177	1	177	Credit card access calls
178	1	178	Calling card calls
179	1	179	Toll free calls
180	1	180	Universal AC/DC adaptors
181	1	181	Bathtub seat
182	1	182	Canopy/poster bed
183	1	183	Cups/glassware
184	1	184	Entertainment center
185	1	185	Family/oversized room
186	1	186	Hypoallergenic bed
187	1	187	Hypoallergenic pillows
188	1	188	Lamp
189	1	189	Meal included - breakfast
190	1	190	Meal included - continental breakfast
191	1	191	Meal included - dinner
192	1	192	Meal included - lunch
193	1	193	Shared bathroom
194	1	194	Telephone TDD
195	1	195	Water bed
196	1	196	Extra adult charge

**cultuzz.**

Table 62: Product/Room Amenities

No.	typ	OTA_Code	text
197	1	197	Extra child charge
198	1	198	Extra child charge for rollaway use
199	1	199	Meal included: full American breakfast
200	1	200	Futon
201	1	201	Murphy bed
202	1	202	Tatami mats
203	1	203	Single bed
204	1	204	Annex room
205	1	205	Free newspaper
206	1	206	Honeymoon suites
207	1	207	Complimentary high speed internet in room
208	1	208	Maid service
209	1	209	PC hook-up in room
210	1	210	Satellite television
211	1	211	VIP rooms
212	1	212	Cell phone recharger
213	1	213	DVR player
214	1	214	iPod docking station
215	1	215	Media center
216	1	216	Plug
217	1	217	Satellite radio
218	1	218	Video on demand
219	1	219	Exterior corridors
220	1	220	Gulf view
221	1	221	Handicap room
222	1	222	Interior corridors
223	1	223	Mountain view
224	1	224	Ocean view
225	1	225	High speed internet access fee
226	1	226	High speed wireless
337	1	501	Room description in English
338	1	502	Room description in German
342	1	228	Seperate Beds
340	1	227	Room Size
356	1	503	Infrared cabin
358	1	504	Baby Cot
364	1	505	Sauna
366	1	506	Desk
370	1	507	Internet - LAN
372	1	508	Internet - WLAN
374	1	509	General Room Facilities
376	1	510	Room safe
378	1	511	Rooms with water-beds
382	1	107	Telefon in room
384	1	512	Clock Radio
386	1	513	Natural Fibres
388	1	514	Beds without metal
392	1	515	Japanese futon beds
396	1	516	E-mail in Room
400	1	517	Answering Machine

**cultuzz.**

Table 63: Product/Room Amenities



No.	typ	OTA_Code	text
402	1	518	DSL Internet Access
404	1	519	Business fax / modem connection
406	1	520	Internet access (charges apply)
408	1	521	Television LCD/plasma screen
410	1	522	Wireless internet access (charges apply)
412	1	523	Wireless internet access (complimentary)
414	1	524	Television
498	1	541	Bedding
496	1	540	Cooker Hood
494	1	539	Electric Stove
492	1	538	Crockery
490	1	537	Baking Pipe
488	1	536	Baby Bath Tub
486	1	535	High Chair
484	1	534	Use of Kitchen
482	1	533	Table Linen
480	1	532	Laundromat
478	1	531	Kitchen With Dining Area
476	1	530	Safe Deposit
474	1	529	Power Sockets
472	1	528	Pay TV
470	1	527	Baby Monitor
468	1	526	Running Water
466	1	525	Corner Tub
550	1	542	Settee
227	2	1	Away from the elevator
228	2	2	Back of building
229	2	3	Bottom floor
230	2	4	Corner
231	2	5	East
232	2	6	Frequent guest floor
233	2	7	Front of building
234	2	8	High floor
235	2	9	Low floor
236	2	10	Near the elevator
237	2	11	North
238	2	12	South
239	2	13	Top floor
240	2	14	West
241	2	15	Concierge floor
242	2	16	First floor
243	2	17	Ground floor
244	2	18	Lobby level
245	2	19	Poolside
246	2	20	Quiet room
247	2	21	Tower room
248	2	22	Wing room
249	2	23	Main building
250	2	24	Near stairs

**cultuzz.**

Table 64: Product/Room Amenities

No.	typ	OTA_Code	text
251	2	25	Executive floor
252	2	26	Ground floor inside access
253	2	27	Ground floor outside access
534	2	510	16th Floor
532	2	509	17th Floor
530	2	508	18th Floor
528	2	507	Basement
526	2	506	Street
524	2	505	Valley
522	2	504	Country
504	2	503	2nd Floor
502	2	502	3rd Floor
500	2	501	4th Floor
536	2	511	10th Floor
538	2	512	11th Floor
540	2	513	12th Floor
542	2	514	13th Floor
544	2	515	14th Floor
546	2	516	15th Floor
548	2	517	Loggia
552	2	518	19th Floor
554	2	519	20th Floor
556	2	520	5th Floor
558	2	521	6th Floor
560	2	522	7th Floor
562	2	523	8th Floor
564	2	524	9th Floor
254	3	1	Airport view
255	3	2	Bay view
256	3	3	City view
257	3	4	Courtyard view
258	3	5	Golf view
259	3	6	Harbor view
260	3	7	Intercoastal view
261	3	8	Lake view
262	3	9	Marina view
263	3	10	Mountain view
264	3	11	Ocean view
265	3	12	Pool view
266	3	13	River view
267	3	14	Water view
268	3	15	Beach view
269	3	16	Garden view
270	3	17	Park view
271	3	18	Forest view
272	3	19	Rain forest view
273	3	20	Various views
274	3	21	Limited view
275	3	22	Slope view

**cultuzz.**

Table 65: Product/Room Amenities

No.	typ	OTA_Code	text
288	3	25	Sea view
344	3	28	Panoramic View
276	4	501	Allergic persons accessible
277	4	502	Handicapped friendly
278	4	503	Garden furniture
279	4	214	Pets on request
280	4	504	Tiled stove
281	4	505	Baby's high chair
282	4	506	Landside
283	4	507	Separate kitchen
284	4	508	Separate entrance
285	4	509	Separate lavatory
286	4	510	Baby's changing table
287	4	91	Rollaway bed
289	4	511	Shared shower
290	4	512	Shared bath
291	4	513	Shared Toilet
292	4	514	Running water (cold and warm)
293	4	515	Double washbasin
294	4	243	Toiletries
295	4	516	Bath
296	4	517	Make-up mirror
297	4	518	Adapted for wheel-chairs
298	4	519	Location with preferential view
299	4	520	Coat hangers
300	4	521	Coffee Table
301	4	522	Connecting door
302	4	523	Flowers
303	4	524	Normal door lock
304	4	525	Key card system
305	4	526	Mineral water
306	4	527	Mirror
307	4	528	Bed linen
308	4	529	Door spy
309	4	530	Shaver Point
310	4	531	Showering hood
311	4	532	Fire sprinkler
312	4	228	Slippers
313	4	533	Temperature check
314	4	534	Shampoo
315	4	535	Towel
316	4	208	Turndown Service
317	4	536	Port view
318	4	537	Welcome Drink
319	4	538	Windows to open
320	4	265	Volt-110
321	4	539	Volt-240
322	4	113	120 AC
323	4	114	120 DC
324	4	115	220 AC

**cultuzz.**

Table 66: Product/Room Amenities

No.	typ	OTA_Code	text
325	4	117	220 DC
326	4	540	AM/FM Alarm Clock
327	4	541	Dry-Cleaning Service
328	4	542	Easy Chair
329	4	543	Soap
330	4	544	Rails in bathroom
331	4	545	Raised toilet with grab bars
332	4	546	Safety bar in shower
333	4	547	Walk-in shower
334	4	548	Closed-caption TV
335	4	549	Television amplifier
336	4	550	Visual alarm
346	4	551	Suitable for guests with impairments of senses
348	4	552	Visitors WC
350	4	553	Additional bathroom
352	4	554	Disabled accessible
354	4	555	Wheelchair friendly
360	4	556	Pool (Heated)
362	4	71	Pool
368	4	557	Swimming Pool
380	4	558	Whirlpool in room
390	4	559	Water boiler
394	4	560	Wooden Floor
398	4	561	Furniture without plastics
520	4	569	Groups
518	4	568	Seniors
516	4	567	Single Traveller
514	4	566	Business Traveller
512	4	565	Young Adults
510	4	564	Allergy Sufferers
508	4	563	Children
506	4	562	Couples

Table 67: Product/Room Amenities

# Index

AcceptedPayment, [17](#), [46](#), [56](#)  
Accommodation, [17](#)  
Accommodation Amenity, [17](#)  
AccommodationCategory, [17](#)  
AccommodationCode, [17](#)  
AccommodationID, [17](#)  
ACTIVE, [117](#)  
Additional Rate Categories, [21](#)  
Additional Rate Categories, [113](#)  
Advance Booking Offset, [17](#)  
Advanced Payments, [17](#)  
AgentDutyCode, [17](#)  
AgentSine, [17](#)  
AgeQualifyingCode, [137](#)  
AmountPercent, [94](#)  
ArrivalDaysOfWeek, [17](#)  
Auction Start Price, [17](#), [113](#)  
**Authentication**  
    BookingChannelType, [37](#)  
**Authentication**, [36](#)  
    POS, [36](#)  
    UserIdentification, [37](#)  
AutoReplenishment, [45](#)  
AvailableDaysOfWeek, [17](#)  
Award, [17](#)  
  
Booking\_ID, [149](#)  
BookingChannelType, [17](#), [37](#)  
BookingRule, [17](#), [97](#), [101](#)  
Bucher ID, [17](#)  
Bucher\_ID, [149](#)  
BuyItNow Price, [17](#), [113](#)  
  
**Cancellation reply**, [74](#)  
CancelPenalty, [17](#), [96](#), [100](#)  
CancelPolicy, [94](#), [97](#)  
CardCode, [46](#)  
CardType, [46](#), [56](#)  
Channel ID, [17](#)  
**Channel Management Data**, [205](#)  
Channel Management(room logic), [17](#)  
**Channel\_Administration**, [173](#)  
Check-In Time, [17](#)  
Check-Out Time, [17](#)  
ClitzInventoryValidity, [18](#)  
ClitzProductElement, [18](#)  
ClitzProductElementValidity, [18](#)  
Conditional Availability, [18](#), [114](#)  
ConfirmClassCode, [108](#)  
Corporate Rate, [17](#)  
CreateDateTime, [66](#), [74](#), [75](#)  
CRS, [11](#), [17](#)  
CSI, [18](#)  
CultBooking, [18](#)  
**CultSwitch Spreadsheets**, [210](#)

Accommodation Chains, [240](#)  
Accommodation Type Codes, [248](#)  
Additional Detail Codes, [210](#)  
Additional Features, [250](#)  
Address Use Type (AUT), [236](#)  
Age Qualifying Code (OTA-AQC), [224](#)  
Attraction Category Code (ACC), [245](#)  
Business Srvc Type (BUS), [245](#)  
Credit Card Type (OTA-CDT), [242](#)  
CultSwitch name-attributes, [211](#)  
Distributed Systems, [241](#)  
Guest Room Info (GRI), [243](#)  
Hotel Classifications, [248](#)  
Index Point Code (IPC), [212](#)  
Inventory Count Type (OTA-INV), [224](#)  
InvTypeCode\_Product Element Categories, [226](#)  
Location Category Codes(LOC), [241](#)  
Main Cuisine Code (CUI), [246](#)  
Meal Plan Type (MPT), [243](#)  
Meeting Room Code (MRC), [244](#)  
Option Type Code (OTC), [237](#)  
OTA-HAC, [214](#)  
Other OTACodes, [247](#)  
Payment Type(PMT), [238](#)  
Pets Policy Code (PET), [242](#)  
Picture Categories (PIC), [246](#)  
PriceCalculationInfo, [240](#)  
Product/Room Amenities, [249](#)  
Profile Type (PRT), [212](#)  
Property Class Type (PCT), [213](#)  
Recreation Service Type (RST), [225](#)  
Recreation Srvc Detail Code (REC), [245](#)  
Reference Point Category Code (REF), [235](#)  
Relationship Codes (REL), [237](#)  
Room Amenity Code (RMA), [229](#)  
Supplement Types, [247](#)  
Supported accommodation-facilities, [214](#)  
Supported credit cards, [228](#)  
Supported Guarantee Types, [238](#)  
Unit of Measure Code (UOM), [236](#)  
  
Cultuzz Customers, [18](#)  
CultuzzAccommodationCode, [18](#)  
  
Data model of Room, [86](#)  
DayBlock, [18](#)  
DEACTIVATED, [117](#)  
Delete RatePlan, [107](#)  
DepartureDaysOfWeek, [18](#)  
DistribSystem, [18](#)  
Distributor, [11](#), [18](#)  
Distributor Credentials, [18](#)  
Dow-Restriction, [18](#)

**cultuzz.**

Early Bird, [20](#)  
 EarlyBird, [108](#)  
 EffectiveDate, [67](#)  
 ElementID, [18](#)  
  
 FixedPriceForProduct, [112](#)  
  
 GDS, [18](#)  
 GlobalReservationReadRequest, [61](#)  
 GuaranteeCode, [18](#)  
 Guaranteed Allotment, [18](#)  
 Guaranteed Allotment, [56](#), [207](#), [208](#)  
 GuaranteeType, [18](#)  
 GuarenteedInd, [18](#)  
 GuestRoomInfo, [44](#)  
  
 HTTP-Ping, [36](#)  
  
 Incomplete Bookings, [19](#)  
 InfoSource, [19](#)  
 Integrated Channel Management, [19](#)  
**Integrated Channel Management**, [187](#)  
 Invalid and Incomplete Bookings, [156](#)  
 Invalid Bookings, [19](#)  
 InvCode, [19](#)  
 Inventory, [19](#)  
 InventoryAllocatedInd, [201](#)  
 InventoryCodes, [19](#)  
 InventoryPriceInTime, [19](#)  
 invgroupingcode, [19](#)  
 InvNotifType, [90](#)  
 IsRoom, [132](#)  
  
 Last Minute, [19](#)  
 LastMinute, [108](#)  
 LatestUpdateTime, [19](#)  
 Length of Stay, [19](#)  
 LocationCategory, [19](#)  
 LongStayDiscountAndShortStaySurcharge, [19](#)  
  
 MarketCode, [19](#), [201](#)  
 MaxAdvanceBookingOffset, [108](#)  
 MaxAdvancedBookingOffset, [19](#)  
 MaximumAllotment, [19](#)  
 MaxLOS, [19](#)  
 MaxOccupancy, [19](#)  
 MessageSignatureKey, [20](#)  
 MinAdvancedBookingOffset, [20](#)  
 MinLOS, [20](#), [135](#)  
 MinmumAdvanceBooking, [108](#)  
 MinOccupancy, [20](#)  
  
 New RatePlan, [107](#)  
 No-Show, [20](#)  
**NoShow reply**, [75](#)  
 NoShowPolicy, [101](#)  
 Notifications sent by CultSwitch, [32](#)  
 NumberOfUnits, [132](#), [134](#)  
  
 Object-Channel Mapping, [20](#)

ObjectID, [17](#)  
 Occupancy, [20](#)  
 OffsetDropTime, [20](#)  
 OffsetTimeMultiplier, [94](#)  
 OffsetTimeUnit, [20](#), [94](#)  
 OffsetUnitMultiplier, [20](#)  
 OldestUpdateTime, [20](#)  
 OTA, [20](#)  
 OTA-CodeTable, [20](#)  
 OTA-HotelSearchRQ/RS, [30](#)  
**OTA\_CancelRQ/RS**  
     OTA\_CancelRQ  
         Booking\_ID, [149](#)  
         Bucher\_ID, [149](#)  
         UniqueID, [149](#)  
**No-Show**, [31](#), [151](#)  
**OTA\_CancelRQ/RS**, [31](#), [149](#)  
     No-Show, [151](#)  
     OTA\_CancelRQ, [149](#)  
     OTA\_CancelRS, [149](#), [151](#)  
**OTA\_HotelAvailRQ/RS**  
     OTA\_HotelAvailRQ  
         RateInfoDetails, [130](#)  
         RatePlanType, [131](#)  
         ResponseType, [130](#)  
     OTA\_HotelAvailRS  
         IsRoom, [132](#)  
         NumberOfUnits, [132](#), [134](#)  
         RatePlanID, [132](#), [134](#)  
         RatePlanType, [132](#), [134](#)  
         RoomTypeCode, [132](#), [134](#)  
**OTA\_HotelAvailRQ/RS**, [31](#)  
     OTA\_HotelAvailRQ  
         RatePlanType, [130](#)  
         RatePlanTypeCode, [130](#)  
     OTA\_HotelAvailRQ for Distributors, [130](#)  
     OTA\_HotelAvailRQ for PMS, [126](#)  
     OTA\_HotelAvailRQ/RS, [130](#)  
     OTA\_HotelAvailRS for Distributors, [132](#)  
     OTA\_HotelAvailRS for PMS, [126](#)  
**OTA\_HotelDescriptiveContentNotifRQ/RS**  
     OTA\_HotelDescriptiveContentNotifRQ, [42](#)  
         AutoReplenishment, [45](#)  
         CardType, [46](#)  
         Guaranteed Allotment, [207](#), [208](#)  
         GuestRoomInfo, [44](#)  
         Overwrite, [42](#)  
         Release Time, [207](#), [208](#)  
         StayRequirement, [46](#)  
**OTA\_HotelDescriptiveContentNotifRQ/RS**,  
     [29](#), [42](#)  
**OTA\_HotelDescriptiveInfoRQ/RS**  
     OTA\_HotelDescriptiveInfoRQ  
         Guaranteed Allotment, [56](#)  
         Release Time, [56](#)  
     OTA\_HotelDescriptiveInfoRS  
         CardType, [56](#)  
         StayRequirement, [56](#)

**cultuzz.**

- OTA\_HotelDescriptiveInfoRQ/RS**, 29, 52
  - OTA\_HotelDescriptiveInfoRQ, 52
  - OTA\_HotelDescriptiveInfoRS, 52
- OTA\_HotelInvCountNotifRQ/RS, 30
- OTA\_HotelInvCountNotifRQ/RS**
  - OTA\_HotelInvCountNotifRQ, 77
  - StatusApplicationControl, 77
- OTA\_HotelInvCountNotifRQ/RS**, 77
  - OTA\_HotelInvCountNotifRQ, 77
- OTA\_HotelRateAmountNotifRQ/RS**
  - OTA\_HotelRateAmountNotifRQ, 78
  - RateAmountMessage, 78
- OTA\_HotelRateAmountNotifRQ/RS**, 30, 78
  - OTA\_HotelRateAmountNotifRQ, 78
  - OTA\_HotelRateAmountNotifRS, 82
- OTA\_HotelRatePlanNotifRQ/RS, 30
- OTA\_HotelRatePlanNotifRQ/RS**
  - OTA\_HotelRatePlanNotifRQ
    - Additional Rate Categories, 113
    - ConfirmClassCode, 108
    - EarlyBird, 108
    - LastMinute, 108
    - MaxAdvanceBookingOffset, 108
    - MinAdvanceBookingOffset, 108
    - PaymentPolicy, 103
    - PaymentPolicy Creation, 103
    - Price Room Source, 113
  - OTA\_HotelRatePlanNotifRS, 112
- OTA\_HotelRatePlanNotifRQ/RS**, 85
  - OTA\_HotelRatePlanNotifRQ
    - BookingRule, 97, 101
    - CancelPenalty, 96, 100
    - InvNotifType, 90
    - PaymentPolicy Updation, 103
    - PolicyCode, 96, 100
    - RatePlanNotifType, 117
    - RatePlanType, 91
  - OTA\_HotelRatePlanNotifRS
    - FixedPriceForProduct, 112
    - Product Auction Start Price, 113
    - Product BuyItNow Price, 113
    - Product Conditional Availability, 114
    - Product Price Room Source, 113
    - Product Price Variation, 112
    - Product VariantPrice, 115
    - Product VariantPrice for Child, 115
    - ProductElement (Non\_Room) availability for Product, 114
- OTA\_HotelResNotifRQ, 32
- OTA\_HotelResNotifRQ**
  - ResID\_Source, 154
  - ResID\_SourceContext, 154
  - ResID\_Value, 154
  - ResStatus, 152
  - RoomStayReservation, 152
- OTA\_HotelResNotifRQ**, 152
  - Invalid and Incomplete Bookings, 156
- OTA\_HotelResRQ**
  - AgeQualifyingCode, 137
  - RatePlanID, 137
  - ResStatus, 137
- OTA\_HotelResRQ**, 137, 142
- OTA\_HotelResRQ/RS**, 31
- OTA\_HotelResRS, 142
- OTA\_HotelRoomListRQ/RS**, 157
  - OTA\_HotelAvailNotifRQ, 166
  - OTA\_HotelAvailNotifRS, 166
  - OTA\_HotelRoomListRQ, 157
  - RatePlanType, 158
  - OTA\_HotelRoomListRS, 165
- OTA\_HotelSearchRQ/RS**
  - OTA\_HotelSearchRQ, 124
  - PrimaryLangID, 124
  - OTA\_HotelSearchRS, 125
- OTA\_HotelSearchRQ/RS**, 122, 124
  - OTA\_HotelSearchRQ, 124
- OTA\_ProfileCreateRQ/RS**, 29
  - OTA\_ProfileCreateRQ, 38
  - OTA\_ProfileCreateRS, 40
- OTA\_ReadRQ**
  - GlobalReservationReadRequest, 61
- OTA\_ReadRQ**
  - ReqRespVersion, 60
- OTA\_ReadRQ**, 60
  - OTA\_ReadRQ/OTA\_ResRetrieve, 30
- OTA\_ResRetrieveRS**, 66, 74
  - CreateDateTime, 66, 74
  - UniqueID, 66, 75
- Overwrite, 42
- PaymentPolicy, 103, 106
- PMS, 11, 21
- PMS Certification**, 24
  - PMS Certification 2009, 23
  - PMS Certification 2011, 23
  - PMS Certification 2012, 23
  - PMS Certification 2013, 23
- PMS\_Administration**, 167
  - PolicyCode, 94, 96, 100
  - POS, 21, 36
  - Pre Payment, 17
  - PrePay, 17
  - Price Room Source, 21, 113
  - Price Room Source, 113
  - PrimaryLangID, 124
  - Product, 21
  - Product Element, 85
  - Product Element mapped with Room, 85
  - Product Price Variation, 112
  - Product-Channel Mapping, 21
  - ProductElement, 21
  - ProductID, 21
- PromotionCodes and CorporateContracts**, 180
- Property Management System, 11



RateInfoDetails, [21](#), [130](#)  
RateOnly, [108](#)  
RatePlanAndRate, [108](#)  
RatePlanCategory, [108](#)  
RatePlanID, [21](#), [108](#), [132](#), [134](#), [137](#)  
RatePlanNotifScopeType, [108](#)  
RatePlanNotifType, [107](#), [117](#)  
RatePlanOnly, [108](#)  
RatePlanStatusType, [117](#)  
RatePlanType, [67](#), [91](#), [107](#), [130--132](#), [134](#), [158](#)  
RatePlanTypeCode, [130](#)  
Release Time, [21](#)  
Release Time, [56](#), [207](#), [208](#)  
ReqRespVersion, [60](#)  
ResGuestsRPH, [22](#)  
ResponseRatePlanCode, [112](#)  
ResponseType, [130](#)  
ResStatus, [137](#), [152](#)  
Room Amenity, [22](#)  
RoomCode, [22](#)  
RoomID, [22](#)  
RoomStayReservation, [152](#)  
RoomTypeCode, [90](#), [134](#)  
RPT, [130](#)  
  
Salt Code, [22](#)  
Secure-Hash-Algorithm, [82](#)  
Sellable products, [22](#)  
SellableProduct, [90](#)  
SourceOfBusiness, [66](#)  
StandardOccupancy, [22](#)  
StatusApplicationControl, [77](#)  
StayRequirement, [46](#)  
StaySupplements, [114](#)  
  
TPA\_Extensions, [22](#)  
Travel Sector, [22](#)  
  
UniqueID, [66](#), [75](#), [149](#)  
Update/Overlay RatePlan, [107](#)  
UserIdentification, [37](#)  
  
VariantPrice, [115](#)

