VC EXTRANET – HOTELLINK

APIs SPECIFICATION

Version	Date	By	Notes
1.0	12 Dec 2016	Hung Le	Initial
1.1	15 Sep 2020	Duc Le	Update the name

Table of Contents

1. VC Extranet – HotelLink Overview

VC Extranet - HotelLink is designed to connect VC and partner system (wholesales' system) to allows wholesales use instantly hotels managed by Vivu Journeys in their quotes or bookings.

VC Extranet - HotelLink provides a set of APIs Messaging based on OTA XML messages (defined by OpenTravel Alliance - opentravel.org), so it is easy to adapt with many reservation systems . Below is its overview picture.
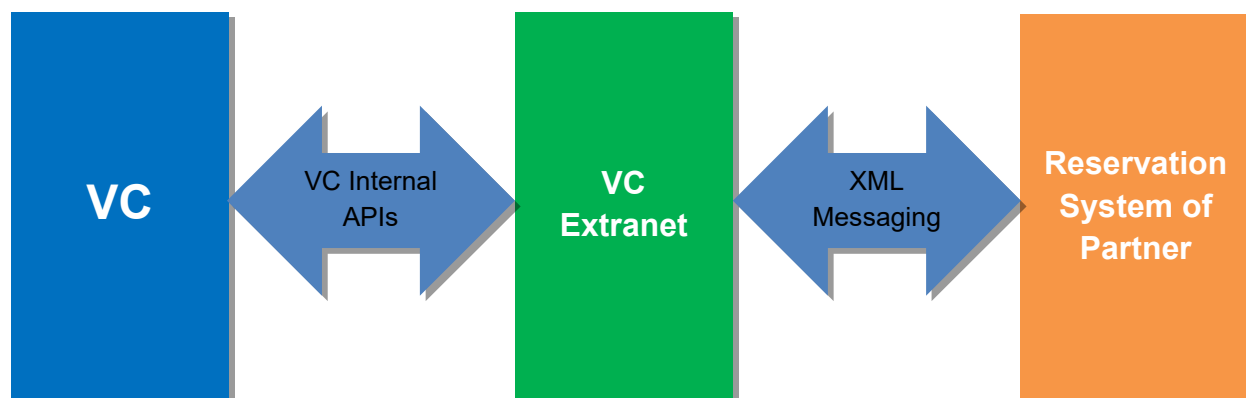

Figure 1: VC Extranet– HotelLink Overview

<u>Web service URL:</u> We will provide a private web service URL with authorized IP addresses for accessing after we finish environment setup.

2. APIs Messaging

Below is list of XML messages which is used by VC Extranet - HotelLink.

XML Message	Description
VC_HotelAvailRQ	Request to verify the availability and rates for a specific room for a particular stay.
VC_HotelAvailRS	Respond and provide the availability information of the requested room and dates as well as the applicable rates for each of the nights of stay.
VC_HotelResRQ	Request a booking for a particular stay and guest configuration at the specified property and room.
VC_HotelResRS	Respond to a hotel reservation request.

VC_HotelResModifyRQ	Request to modify an existing hotel booking. Note: we will cancel old booking content and make new booking content.
VC_HotelResModifyRS	Respond to modification request on an existing hotel booking.
VC_ReadRQ	Request to retrieve a booking
VC_ResRetrieveRS	Response to read request with information of specific booking
VC_CancelRQ	Request to cancel a booking.
VC_CancelRS	Respond to the cancel request by returning the details of cancellation or error information.

3. Message Specification & Example

This section provides specifications and examples of XML messages mentioned in Section 2.

3.1 VC_HotelAvailRQ

Specification:

Element	Attributes	Format	Occurrence	Description
VC_HotelAvailRQ			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
	RequestedCurrency	String	Optional	Used to indicate the relative currency conversion rates.
POS			1	The point of sale information.
Source			1	The source of the

				request.
RequestorID			1	The corporate (requestor) identifier.
	Type	OTA_CodeType	Mandatory	A reference to the type of requestor. Selected values from OTA Specified Unique ID Type (UIT) list.
	ID	String	Mandatory	A unique identifying value assigned by the creating system to assist in identifying the integration partner. This should be the name of the group or company name describing the partner.
AvailRequestSegments			1	A collection of AvailRequestSegment.
AvailRequestSegment			1..99	Each segment contains a collection of criteria that requests a bookable entity.
HotelSearchCriteria			1	Availability search criteria should be specified here.
Criterion			1	Child elements that identify a single search criterion by criteria type.
HotelRef			1	Hotel reference information.
	BrandCode	String	Optional	A code that identifies the brand or flag of a hotel, often used for independently-owned or franchised properties that are known by a specific brand.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
StayDateRange			1	Range of dates or fixed set of dates for Availability Request.
	Start	Date	Mandatory	Check-in date or arrival date.
	End	Date	Mandatory	Check-out or departure date.

RoomStayCandidates			1	A collection of RoomStayCandidate.
RoomStayCandidate			1..99	This includes your guest count criteria for each room.
	RoomType	String	Optional	Room type name
	RoomID	Numeric	Optional	The unique identification of a room in the system.
	Quantity	Numeric	Mandatory	Defines the number of rooms in question.
	RPH	Numeric	Mandatory	A unique identifier for this room stay candidate.
GuestCounts			1	A collection of GuestCount by age group.
GuestCount			1..99	A recurring element that identifies the number of guests and ages of the guests.
	Count	Numeric	Mandatory	The number of guests in one Age group or Count.
	Age	Numeric	Optional	The age of guest(s).

Example:

```
<?xml version="1.0" encoding="UTF-8"?>
<VC_HotelAvailRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" TimeStamp="2014-05-
01T06:39:07+07:00" Target="Production" Version="1.2" RequestedCurrency="AUD">
<POS>
<Source>
<RequestorID Type="5" ID="FC"/>
</Source>
</POS>
<AvailRequestSegments>
<AvailRequestSegment>
<HotelSearchCriteria>
<Criterion>
<HotelRef BrandCode="Victoria Angkor Resort &amp; Spa Siem Reap" HotelCode="8554000030"/>
<StayDateRange Start="2014-09-28" End="2014-09-30"/>
<RoomStayCandidates>
<RoomStayCandidate Quantity="2" RPH="1">
<GuestCounts>
<GuestCount Count="2" Age="25"></GuestCount>
<GuestCount Count="1" Age="10"></GuestCount>
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3.2 VC_HotelAvailRS

Specification:

Element	Attributes	Format	Occurrence	Description
VC_HotelAvailRS			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
Success			0..1	The presence of the empty Success element explicitly indicates that the request message was successful. This is used in conjunction with the Warning element to report any warnings or business errors.
Warnings			0..1	Used in conjunction with the Success element to define one or more business errors. Collection of warnings.
Errors			0..1	Errors are returned if the request was unable

				to be processed. A collection of errors that occurred during the processing of a message.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details on the Room Stay including Room Types, Rates, Guest Counts andrelated information.
	RoomStayCandidateRPH	Numeric	Mandatory	A reference to RPH ofa requested room stay candidate.
	RoomStayStatus	String	Mandatory	The status of the room stay. OnRequest Available Unable
BasicPropertyInfo			1	Property Information for the Room Stay.
	BrandCode	String	Optional	A code that identifies the brand or flag of a hotel, often used for independently-owned or franchised properties that are known by a specific brand.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomType	String	Optional	Room type name
	RoomID	Numeric	Mandatory	The unique identification of a room in the system.
Occupancy			1	Occupancy information of room type.
	MaxOccupancy	Numeric	Mandatory	Maximum of guests in the room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of

				the rate plan as used in the booking process.
	RatePlanName	String	Optional	The name of the rate plan or group.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
RoomRates			1	A collection of RoomRate.
RoomRate			1..99	Rate of room type.
	RoomID	String	Mandatory	The unique identification of a room in the system.
	RatePlanID	String	Mandatory	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Optional	Code of the rate plan. CON = contracted rate PRO = promotion rate
Rates			1	A collection of Rate.
Rate			1..99	A collection of elements that define the amount of the rate, taxes, associated fees, additional occupant amounts as well as payment and cancellation policies.
	EffectiveDate	Date	Mandatory	The date to which this rate applies.
	ExpireDate	Date	Optional	The date to which this rate expires.
Total			1	The total of all rates for this room rate type. The total amount

				charged for the service including additional amounts and fees.
	AmountAfterTax	Money	Mandatory	The total amount including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
RateDescription			1	Description of the rate.
Text			1	Text description of the rate.
TPA_Extensions			0..1	Define extended elements (supplements) if any.
Supplement			1	Mandatory supplement or surcharge.
	Type	String	Mandatory	Type of the supplement / surcharge.
	Name	String	Mandatory	Name of the supplement / surcharge.
	Quantity	Numeric	Mandatory	Quantity of the supplement / surcharge.
	AmountAfterTax	Money	Mandatory	The total amount of the supplement/surcharge including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
	Mandatory	String	Mandatory	Indicate that the supplement/surcharge is Mandatory or not.
CancelPolicies			0..1	A collection of CancelPenalty.
CancelPenalty			1..99	The cancellation penalty of the hotel.
Deadline			1	Cancellation deadline
	AbsoluteDeadline	Datetime	Mandatory	Defines the absolute deadline.
AmountPercent			1	Cancellation fee expressed as a fixed amount, or percentage of/or room nights.
	Percent	String	Mandatory	The percentage used

				to calculate the amount.
	Amount	Money	Optional	A monetary amount.
	CurrencyCode	String	Optional	Code of currency is applied.
PenaltyDescription			0..1	Text description of the Penalty.
Text			1	Text description of the Penalty.

Example:

```
<?xml version="1.0" encoding="utf-8"?>
<VC_HotelAvailRS xmlns:xsi="http://www.w3.org/2001/XMLSchema-
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<Occupancy MaxOccupancy="4"/>
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Late check out after 6PM: 100% charge</Text>
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</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="14922"RatePlanCode="PRO_FD"RatePlanID="2485">
<Rates>
<RateEffectiveDate="2014-09-28"ExpireDate="2014-09-29">
<TotalAmountAfterTax="200.00"CurrencyCode="USD"/>
<RateDescription>
<Text>term condition</Text>
</RateDescription>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="100%"/>
```

```xml
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="14922"RatePlanCode="PRO_FD"RatePlanID="2485">
<Rates>
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<TotalAmountAfterTax="200.00"CurrencyCode="USD"/>
<RateDescription>
<Text>term condition</Text>
</RateDescription>
<CancelPolicies>
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<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="100%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
<RoomStayRoomStayCandidateRPH="3"RoomStayStatus="Available">
<BasicPropertyInfoBrandCode="Park Hyatt Siem Reap"HotelCode="8561005313">
<RoomTypes>
<RoomTypeRoomType="Park Deluxe King"RoomID="15345">
<OccupancyMaxOccupancy="4"/>
</RoomType>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanName="Park Hyatt Siem Reap (FC)"RatePlanCode="CON"RatePlanID="208005"/>
<RatePlanRatePlanName="Stay 3 Pay 2 Promotion"RatePlanCode="PRO_SP"RatePlanID="2519"/>
</RatePlans>
<RoomRates>
<RoomRateRoomID="15345"RatePlanCode="CON"RatePlanID="208005">
<Rates>
<RateEffectiveDate="2014-09-27"ExpireDate="2014-09-28">
<TotalAmountAfterTax="480.00"CurrencyCode="USD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season surcharge"Quantity="3"AmountAfterTax="20.00"CurrencyCode="USD"Mandatory="true"/>
</TPA_Extensions>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="50%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
```

```xml
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="15345"RatePlanCode="CON"RatePlanID="208005">
<Rates>
<RateEffectiveDate="2014-09-28"ExpireDate="2014-09-29">
<TotalAmountAfterTax="480.00"CurrencyCode="USD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="3"AmountAfterTax="20.00"CurrencyCode="USD"Mandatory="true"/>
</TPA_Extensions>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="50%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="15345"RatePlanCode="CON"RatePlanID="208005">
<Rates>
<RateEffectiveDate="2014-09-29"ExpireDate="2014-09-30">
<TotalAmountAfterTax="480.00"CurrencyCode="USD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="3"AmountAfterTax="20.00"CurrencyCode="USD"Mandatory="true"/>
</TPA_Extensions>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="50%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="15345"RatePlanCode="PRO_SP"RatePlanID="2519">
<Rates>
<RateEffectiveDate="2014-09-27"ExpireDate="2014-09-28">
<TotalAmountAfterTax="480.00"CurrencyCode="USD"/>
<RateDescription>
<Text>term condition</Text>
```

```xml
</RateDescription>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="100%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="15345"RatePlanCode="PRO_SP"RatePlanID="2519">
<Rates>
<RateEffectiveDate="2014-09-28"ExpireDate="2014-09-29">
<TotalAmountAfterTax="480.00"CurrencyCode="USD"/>
<RateDescription>
<Text>term condition</Text>
</RateDescription>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="100%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
<RoomRateRoomID="15345"RatePlanCode="PRO_SP"RatePlanID="2519">
<Rates>
<RateEffectiveDate="2014-09-29"ExpireDate="2014-09-30">
<TotalAmountAfterTax="0.00"CurrencyCode="USD"/>
<RateDescription>
<Text>term condition</Text>
</RateDescription>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="100%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
</RoomStays>
</VC_HotelAvailRS>
```

3.3 VC_HotelResRQ

Specification:

Element	Attributes	Format	Occurrence	Description
VC_HotelResRQ			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
POS			1	The point of sale information.
Source			1	The source of the request.
RequestorID			1	The corporate (requestor) identifier.
	Type	OTA_CodeType	Mandatory	A reference to the type of requestor. Selected values from OTA Specified Unique ID Type (UIT) list.
	ID	String	Mandatory	A unique identifying value assigned by the creating system to assist in identifying the integration partner. This should be the name of the group or company name describing the partner.
HotelReservations			1	A collection of HotelReservation.
HotelReservation			1..99	The current reservation being requested.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details of the Room Stay, including room type, rates and guest configuration. Repeat element for each room required (e.g., 2 RoomStayCandidate

				elements for a 2 room booking).
	IndexNumber	Numeric	Mandatory	A unique number used to further identify a booked item within a list of booked items.
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomID	String	Mandatory	A string value representing the unique identification of a room if the request is looking for a specific room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of the rate plan as used in the booking process.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
GuestCounts			1	A collection of GuestCount.
GuestCount			1..99	A recurring element that identifies the number of guests and ages of the guests.
	Count	Numeric	Mandatory	The number of guests.
	Age	Numeric	Optional	The age of the guest(s) in years.
	ResGuestRPH	Numeric	Optional	A reference to the guest(s)group.

TimeSpan			1	The Time Span which covers the Room Stay.
	Start	Date	Mandatory	Check-in or arrival date.
	End	Date	Mandatory	Check-out or departure date.
BasicPropertyInfo			1	Property information for the RoomStay.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
SpecialRequests			0..1	A collection of SpecialRequest.
SpecialRequest			1..99	Special requests for a particular guest, service or reservation.
Text			1	Content of the special request.
ResGuests			1	A collection of ResGuest.
ResGuest			1..99	The ResGuest object contains the information about a guest associated with a reservation.
	ResGuestRPH	Numeric	Optional	Refer to ResGuestRPH of GuestCount.
Profiles			1	A collection of ProfileInfo.
ProfileInfo			1..99	Customer (guest) profile information.
Profile			1	Profile information.
Customer			1	Detailed Customer information for this Profile.
PersonName			1	Customer name.
Salutation			1	Salutation: Mr, Mrs etc.
GivenName			1	Given name of customer.
Surname			1	Surname of customer.
Telephone			0..1	Telephone of customer.
Email			0..1	Email of customer.

CitizenCountryName			0..1	Redident country of the guest.
	Code	String	Mandatory	Code (2 characters) of the country.
ResGlobalInfo			1	The profile of a person who contacts for the reservation (used for loyalty programs, payment methods, etc.).
Guarantee			0..1	The guarantee information associated to the Reservation.
	GuaranteeType	String	Mandatory	An enumerated type defining the guarantee to be applied to this Reservation. PrePay = payment is required at booking Deposit = deposit is required Voucher = use voucher None = no guarantee is required
GuaranteesAccepted			1	A list of GuaranteeAccepted.
GuaranteeAccepted			1..99	Guarantee detail.
PaymentCard			0..1	Specific payment card information.
	CardCode	String	Mandatory	Issuer code. VI = VISA CARD MA = MASTER CARD VI = VISA AM = AMERICAN EXPRESS
	ExpireDate	String	Mandatory	Indicates the ending date.
CardNumber			1	Credit card number embossed on the card.
	Token	String	Mandatory	Encoded card number.
SeriesCode			1	Verification digits.
	Token	String	Mandatory	Encoded verification digits.
CardHolderName			1	Card holder name.
TPA_Extensions			1	Define extended elements.
AgentReferenceCode			1	Reference code of the reservation which is

				provided by agent.

Example:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<VC_HotelResRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="1.2" TimeStamp="2014-05-01T06:39:07+07:00" Target="Production">
<POS>
<Source>
<RequestorID Type="5" ID="FC"/>
</Source>
</POS>
<HotelReservations>
<HotelReservation>
<RoomStays>
<RoomStay IndexNumber="1">
<RoomTypes>
<RoomType RoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlan RatePlanCode="CON" RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCount Count="2" Age="25" ResGuestRPH="1"></GuestCount>
<GuestCount Count="1" Age="10"></GuestCount>
</GuestCounts>
<TimeSpan Start="2014-09-27" End="2014-09-30"/>
<BasicPropertyInfo HotelCode="8554000030"/>
<SpecialRequests>
<SpecialRequest>
<Text>1 king</Text>
</SpecialRequest>
<SpecialRequest>
<Text>Non-Smoking</Text>
</SpecialRequest>
</SpecialRequests>
</RoomStay>
<RoomStay IndexNumber="2">
<RoomTypes>
<RoomType RoomID="14922"/>
</RoomTypes>
<RatePlans>
<RatePlan RatePlanCode="CON" RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCount Count="3" ResGuestRPH="2"></GuestCount>
</GuestCounts>
<TimeSpan Start="2014-09-27" End="2014-09-30"/>
<BasicPropertyInfo HotelCode="8554000030"/>
</RoomStay>
</RoomStays>
<ResGuests>
<ResGuest ResGuestRPH="1">
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation>Mr.</Salutation>
<GivenName>Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<Telephone PhoneNumber="0403000404"/>
<Email>testy@test.com</Email>
<CitizenCountryNameCode="AU">
</Customer>
</Profile>
</ProfileInfo>
```

```xml
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation>Mrs.</Salutation>
<GivenName>Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<TelephonePhoneNumber="0403000404"/>
<Email>testy@test.com</Email>
<CitizenCountryNameCode="AU">
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
<ResGuestResGuestRPH="2">
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation>Mr.</Salutation>
<GivenName>Andy</GivenName>
<Surname>Nguyen</Surname>
</PersonName>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation></Salutation>
<GivenName>FC</GivenName>
<Surname>Staff</Surname>
</PersonName>
<TelephonePhoneNumber="123456789"/>
<Email>fcstaff@email.com</Email>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
<GuaranteeGuaranteeType="PrePay">
<GuaranteesAccepted>
<GuaranteeAccepted>
<PaymentCardCardCode="VI"ExpireDate="1215">
<CardNumberToken="heoARMY1UHarw0wD9qQ10whVs1d0Y+T9d0gVmABFvvs"/>
<SeriesCodeToken="IaA9h7gMn4Q"/>
<CardHolderName>Mr A</CardHolderName>
</PaymentCard>
</GuaranteeAccepted>
</GuaranteesAccepted>
</Guarantee>
</ResGlobalInfo>
<TPA_Extensions>
<AgentReferenceCode>IH\12345</AgentReferenceCode>
</TPA_Extensions>
</HotelReservation>
</HotelReservations>
</VC_HotelResRQ>
```

3.4 VC_HotelResRS

<u>Specification:</u>

Element	Attributes	Format	Occurrence	Description
VC_HotelResRS			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
Success			0..1	The presence of the empty Success element explicitly indicates that the request message was successful. This is used in conjunction with the Warning element to report any warnings or business errors.
Warnings			0..1	Used in conjunction with the Success element to define one or more business errors. Collection of warnings.
Errors			0..1	Errors are returned if the request was unable to be processed. A collection of errors that occurred during the processing of a message.
HotelReservations			1	A collection of HotelReservation.
HotelReservation			1..99	The current reservation being requested.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details of the Room Stay, including room

				type, rates and guest configuration. Repeat element for each room required (e.g., 2 RoomStayCandidate elements for a 2 room booking).
	RoomStayStatus	String	Mandatory	The status of the room stay. OnRequest Confirmed Unable
	IndexNumber	Numeric	Mandatory	A unique number used to further identify a booked item within a list of booked items.
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomID	String	Mandatory	A string value representing the unique identification of a room if the request is looking for a specific room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of the rate plan as used in the booking process.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
GuestCounts			1	A collection of GuestCount.
GuestCount			1..99	A recurring element that identifies the number of guests and

				ages of the guests.
	Count	Numeric	Mandatory	The number of guests.
	Age	Numeric	Optional	The age of the guest(s) in years.
	ResGuestRPH	Numeric	Optional	A reference to the guest(s)group.
TimeSpan			1	The Time Span which covers the Room Stay.
	Start	Date	Mandatory	Check-in or arrival date.
	End	Date	Mandatory	Check-out or departure date.
BasicPropertyInfo			1	Property information for the RoomStay.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
RoomRates			1	A collection of RoomRate.
RoomRate			1..99	Rate of room type.
Rates			1	A collection of Rate.
Rate			1..99	A collection of elements that define the amount of the rate, taxes, associated fees, additional occupant amounts as well as payment and cancellation policies.
Total			1	The total of all rates for this room rate type. The total amount charged for the service including additional amounts and fees.
	AmountAfterTax	Money	Mandatory	The total amount including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
RateDescription			1	Description of the rate.
Text			1	Text description of the rate.
TPA_Extensions			0..1	Define extended elements (supplements) if any.

Supplement			1	Mandatory supplement or surcharge.
	Type	String	Mandatory	Type of the supplement / surcharge.
	Name	String	Mandatory	Name of the supplement / surcharge.
	Quantity	Numeric	Mandatory	Quantity of the supplement / surcharge.
	AmountAfterTax	Money	Mandatory	The total amount of the supplement/surcharge including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
	Mandatory	String	Mandatory	Indicate that the supplement/surcharge is Mandatory or not.
CancelPolicies			0..1	A collection of CancelPenalty.
CancelPenalty			1..99	The cancellation penalty of the hotel.
Deadline			1	Cancellation deadline
	AbsoluteDeadline	Datetime	Mandatory	Defines the absolute deadline.
AmountPercent			1	Cancellation fee expressed as a fixed amount, or percentage of/or room nights.
	Percent	String	Mandatory	The percentage used to calculate the amount.
	Amount	Money	Optional	A monetary amount.
	CurrencyCode	String	Optional	Code of currency is applied.
PenaltyDescription			0..1	Text description of the Penalty.
ResGlobalInfo			1	A container of reservation ID
HotelReservationIDs			1	A collection of HotelReservationID.
HotelReservationID			1	Unique identifier associated with the reservation.

	ResID_Value	String	Mandatory	Reservation confirmation number generateduniquely by the system.

Example:

```xml
<?xmlversion="1.0"encoding="UTF-8"?>
<VC_HotelResRSxmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"Version="1.2"TimeStamp="2014-05-01T06:39:08+07:00"Target="Production">
<Success/>
<HotelReservations>
<HotelReservation>
<RoomStays>
<RoomStayIndexNumber="1"RoomStayStatus="OnRequest">
<RoomTypes>
<RoomTypeRoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanCode="CON"RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCountCount="2"Age="25"ResGuestRPH="1"></GuestCount>
<GuestCountCount="1"Age="10"></GuestCount>
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<TotalAmountAfterTax="1515"CurrencyCode="AUD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season surcharge"Quantity="2"AmountAfterTax="125"CurrencyCode="AUD"Mandatory="true"/>
<SupplementType="Meal Supplement"Name="Gala dinner"Quantity="2"AmountAfterTax="90"CurrencyCode="USD"Mandatory="true"/>
<SupplementType="Meal Supplement"Name="Breakfast"Quantity="2"AmountAfterTax="0"CurrencyCode="USD"Mandatory="false"/>
</TPA_Extensions>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="50%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
<RoomStayIndexNumber="2"RoomStayStatus="Confirmed">
<RoomTypes>
<RoomTypeRoomID="14922"/>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanCode="CON"RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCountCount="3"ResGuestRPH="2"></GuestCount>
```

```xml
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<TotalAmountAfterTax="780"CurrencyCode="AUD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
        Late check out till 6PM: 50% charge
        Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="2"AmountAfterTax="125"CurrencyCode="AUD"Mandatory="true"/>
<SupplementType="Meal Supplement"Name="Gala
dinner"Quantity="2"AmountAfterTax="90"CurrencyCode="AUD"Mandatory="true"/>
<SupplementType="Meal
Supplement"Name="Breakfast"Quantity="2"AmountAfterTax="0"CurrencyCode="USD"Mandatory="false"/>
</TPA_Extensions>
<CancelPolicies>
<CancelPenalty>
<DeadlineAbsoluteDeadline="2014-09-20T12:00:00"/>
<AmountPercentPercent="50%"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
</RoomStays>
<ResGlobalInfo>
<HotelReservationIDs>
<HotelReservationIDResID_Value="98765"/>
</HotelReservationIDs>
</ResGlobalInfo>
</HotelReservation>
</HotelReservations>
</VC_HotelResRS>
```

3.5 VC_HotelResModifyRQ

Specification:

Element	Attributes	Format	Occurrence	Description
VC_HotelResModifyRQ			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.

	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
POS			1	The point of sale information.
Source			1	The source of the request.
RequestorID			1	The corporate (requestor) identifier.
	Type	OTA_CodeType	Mandatory	A reference to the type of requestor. Selected values from OTA Specified Unique ID Type (UIT) list.
	ID	String	Mandatory	A unique identifying value assigned by the creating system to assist in identifying the integration partner. This should be the name of the group or company name describing the partner.
HotelResModifies			1	A collection of reservations to be modified.
HotelResModify			1..99	A full overlay of reservation information containing the modified data.
	CreateDateTime	DateTime	Mandatory	Time stamp of the creation.
	CreatorID	String	Mandatory	ID of creator. The creator could be a software system identifier or an identifier of an employee responsible for the creation.
UniqueID			1	The reference for the reservation (booking confirmation number).
	ID	String	Mandatory	Booking confirmation number.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details of the Room Stay, including room type, rates and guest configuration. Repeat

				element for each room required (e.g., 2 RoomStayCandidate elements for a 2 room booking).
	IndexNumber	Numeric	Mandatory	A unique number used to further identify a booked item within a list of booked items.
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomID	String	Mandatory	A string value representing the unique identification of a room if the request is looking for a specific room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of the rate plan as used in the booking process.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
GuestCounts			1	A collection of GuestCount.
GuestCount			1..99	A recurring element that identifies the number of guests and ages of the guests.
	Count	Numeric	Mandatory	The number of guests.
	Age	Numeric	Optional	The age of the guest(s) in years.
	ResGuestRPH	Numeric	Optional	A reference to the

				guest(s)group.
TimeSpan			1	The Time Span which covers the Room Stay.
	Start	Date	Mandatory	Check-in or arrival date.
	End	Date	Mandatory	Check-out or departure date.
BasicPropertyInfo			1	Property information for the RoomStay.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
SpecialRequests			0..1	A collection of SpecialRequest.
SpecialRequest			1..99	Special requests for a particular guest, service or reservation.
Text			1	Content of the special request.
ResGuests			1	A collection of ResGuest.
ResGuest			1..99	The ResGuest object contains the information about a guest associated with a reservation.
	ResGuestRPH	Numeric	Optional	Refer to ResGuestRPH of GuestCount.
Profiles			1	A collection of ProfileInfo.
ProfileInfo			1..99	Customer (guest) profile information.
Profile			1	Profile information.
Customer			1	Detailed Customer information for this Profile.
PersonName			1	Customer name.
Salutation			1	Salutation: Mr, Mrs etc.
GivenName			1	Given name of customer.
Surname			1	Surname of customer.
Telephone			0..1	Telephone of customer.

Email			0..1	Email of customer.
CitizenCountryName			0..1	Redident country of the guest.
	Code	String	Mandatory	Code (2 characters) of the country.
TPA_Extensions			1	Define extended elements.
AgentReferenceCode			1	Reference code of the reservation which is provided by agent.

Example:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<VC_HotelResModifyRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="1.2" TimeStamp="2014-06-19T10:51:22+07:00" Target="Production">
<POS>
<Source>
<RequestorID Type="5" ID="FC"/>
</Source>
</POS>
<HotelResModifies>
<HotelResModify CreateDateTime="2014-06-19T10:51:22+07:00" CreatorID="HotelLink">
<UniqueID ID="98765"/>
<RoomStays>
<RoomStay IndexNumber="1">
<RoomTypes>
<RoomType RoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlan RatePlanCode="CON" RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCount Count="2" Age="25" ResGuestRPH="1"></GuestCount>
<GuestCount Count="1" Age="10" ResGuestRPH="1"></GuestCount>
</GuestCounts>
<TimeSpan Start="2014-09-27" End="2014-09-30"/>
<BasicPropertyInfo HotelCode="8554000030"/>
<SpecialRequests>
<SpecialRequest>
<Text>Non-Smoking Room</Text>
</SpecialRequest>
</SpecialRequests>
</RoomStay>
</RoomStays>
<ResGuests>
<ResGuest ResGuestRPH="1">
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation>Mr.</Salutation>
<GivenName>Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<Telephone PhoneNumber="0403000404"/>
<Email>testy@test.com</Email>
<CitizenCountryName Code="AU">
</Customer>
</Profile>
</ProfileInfo>
<ProfileInfo>
```

```
<Profile>
<Customer>
<PersonName>
<Salutation>Mrs.</Salutation>
<GivenName>Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<TelephonePhoneNumber="0403000404"/>
<Email>testy@test.com</Email>
<CitizenCountryNameCode="AU">
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<Salutation>Mr.</Salutation>
<GivenName>Crystal</GivenName>
<Surname>Smith</Surname>
</PersonName>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
</ResGuests>
<TPA_Extensions>
<AgentReferenceCode>IH\12345</AgentReferenceCode>
</TPA_Extensions>
</HotelResModify>
</HotelResModifies>
</VC_HotelResModifyRQ>
```

3.6 VC_HotelResModifyRS

Specification:

Element	Attributes	Format	Occurrence	Description
VC_HotelResModifyRS			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
Success			0..1	The presence of the

				empty Success element explicitly indicates that the request message was successful. This is used in conjunction with the Warning element to report any warnings or business errors.
Warnings			0..1	Used in conjunction with the Success element to define one or more business errors. Collection of warnings.
Errors			0..1	Errors are returned if the request was unable to be processed. A collection of errors that occurred during the processing of a message.
HotelResModifies			1	A collection of reservations to be modified.
HotelResModify			1..99	A full overlay of reservation information containing the modified data.
	CreateDateTime	DateTime	Mandatory	Time stamp of the creation.
	CreatorID	String	Mandatory	ID of creator. The creator could be a software system identifier or an identifier of an employee responsible for the creation.
UniqueID			1	The reference for the reservation (booking confirmation number).
	ID	String	Mandatory	Booking confirmation number.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details of the Room Stay, including room type, rates and guest configuration. Repeat element for each room required (e.g., 2 RoomStayCandidate elements for a 2 room booking).

	IndexNumber	Numeric	Mandatory	A unique number used to further identify a booked item within a list of booked items.
	RoomStayStatus	String	Mandatory	The status of the room stay. OnRequest Confirmed Unable Canceled
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomID	String	Mandatory	A string value representing the unique identification of a room if the request is looking for a specific room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of the rate plan as used in the booking process.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
GuestCounts			1	A collection of GuestCount.
GuestCount			1..99	A recurring element that identifies the number of guests and ages of the guests.
	Count	Numeric	Mandatory	The number of guests.
	Age	Numeric	Optional	The age of the guest(s) in years.

	ResGuestRPH	Numeric	Optional	A reference to the guest(s)group.
TimeSpan			1	The Time Span which covers the Room Stay.
	Start	Date	Mandatory	Check-in or arrival date.
	End	Date	Mandatory	Check-out or departure date.
BasicPropertyInfo			1	Property information for the RoomStay.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
RoomRates			1	A collection of RoomRate.
RoomRate			1..99	Rate of room type.
Rates			1	A collection of Rate.
Rate			1..99	A collection of elements that define the amount of the rate, taxes, associated fees, additional occupant amounts as well as payment and cancellation policies.
Total			0..1	The total of all rates for this room rate type. The total amount charged for the service including additional amounts and fees.
	AmountAfterTax	Money	Mandatory	The total amount including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
RateDescription			0..1	Description of the rate.
Text			1	Text description of the rate.
TPA_Extensions			0..1	Define extended elements (supplements) if any.
Supplement			1	Mandatory supplement or surcharge.
	Type	String	Mandatory	Type of the supplement / surcharge.

	Name	String	Mandatory	Name of the supplement / surcharge.
	Quantity	Numeric	Mandatory	Quantity of the supplement / surcharge.
	AmountAfterTax	Money	Mandatory	The total amount of the supplement/surcharge including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
	Mandatory	String	Mandatory	Indicate that the supplement/surcharge is Mandatory or not.
CancelPolicies			0..1	A collection of CancelPenalty.
CancelPenalty			1..99	The cancellation penalty of the hotel.
AmountPercent			1	Cancellation fee expressed as a fixed amount, or percentage of/or room nights.
	Percent	String	Optional	The percentage used to calculate the amount.
	Amount	Money	Mandatory	A monetary amount.
	CurrencyCode	String	Mandatory	Code of currency is applied.
PenaltyDescription			0..1	Text description of the Penalty.
Text			1	Text description of the Penalty.

Example:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<VC_HotelResModifyRS xmlns:xsi="http://www.w3.org/2001/XMLSchema-
instance" Version="1.2" TimeStamp="2014-06-19T10:51:23+07:00" Target="Production">
<Success/>
<HotelResModifies>
<HotelResModify CreateDateTime="2014-09-22T10:51:22+07:00" CreatorID="HotelLink">
<UniqueID ID="98765"/>
<RoomStays>
<RoomStay IndexNumber="1" RoomStayStatus="Confirmed">
<RoomTypes>
<RoomType RoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlan RatePlanCode="CON" RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCount Count="2" Age="25" ResGuestRPH="1"></GuestCount>
```

```xml
<GuestCountCount="1"Age="10"ResGuestRPH="1"></GuestCount>
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<TotalAmountAfterTax="475.1265"CurrencyCode="AUD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="2"AmountAfterTax="26.6925"CurrencyCode="AUD"Mandatory="true"/>
</TPA_Extensions>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
<RoomStayIndexNumber="2"RoomStayStatus="Canceled">
<RoomTypes>
<RoomTypeRoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanCode="CON"RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCountCount="3"ResGuestRPH="2"></GuestCount>
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<CancelPolicies>
<CancelPenalty>
<AmountPercentPercent="50%"Amount="300.00"CurrencyCode="AUD"/>
<PenaltyDescription>
<Text>Cancellation penalties apply for canceling within 7 days before check-in date.</Text>
</PenaltyDescription>
</CancelPenalty>
</CancelPolicies>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
</RoomStays>
</HotelResModify>
</HotelResModifies>
</VC_HotelResModifyRS>
```

3.7 VC_ReadRQ

Specification:

Element	Attributes	Format	Occurrence	Description
VC_ReadRQ			1	Message level details.

	TimeStamp	YYYY-MM-DDThh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
	ReservationType	String	Optional	To specify the type of reservation. Default is Hotel.
POS			1	The point of sale information.
Source			1	The source of the request.
RequestorID			1	The corporate (requestor) identifier.
	Type	OTA_CodeType	Mandatory	A reference to the type of requestor. Selected values from OTA Specified Unique ID Type (UIT) list.
	ID	String	Mandatory	A unique identifying value assigned by the creating system to assist in identifying the integration partner. This should be the name of the group or company name describing the partner.
UniqueID			1	The reference for the reservation (booking confirmation number).
	ID	String	Mandatory	Booking confirmation number.

Example:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<VC_ReadRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="1.2" TimeStamp="2014-05-01T06:39:07+07:00" Target="Production" ReservationType="Hotel">
<POS>
<Source>
<RequestorID Type="5" ID="FC"/>
</Source>
</POS>
<UniqueID ID="98765"/>
</VC_ReadRQ>
```

3.8 VC_ResRetrieveRS

Specification:

Element	Attributes	Format	Occurrence	Description
VC_ResRetrieveRS			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
Success			0..1	The presence of the empty Success element explicitly indicates that the request message was successful. This is used in conjunction with the Warning element to report any warnings or business errors.
Warnings			0..1	Used in conjunction with the Success element to define one or more business errors. Collection of warnings.
Errors			0..1	Errors are returned if the request was unable to be processed. A collection of errors that occurred during the processing of a message.
ReservationsList			1	A container for reservations.
HotelReservation			1..99	The current reservation being requested.
RoomStays			1	A collection of RoomStay.
RoomStay			1..99	Details of the Room Stay, including room

				type, rates and guest configuration. Repeat element for each room required (e.g., 2 RoomStayCandidate elements for a 2 room booking).
	RoomStayStatus	String	Mandatory	The status of the room stay. OnRequest Available Canceled Unable
	IndexNumber	Numeric	Mandatory	A unique number used to further identify a booked item within a list of booked items.
RoomTypes			1	A collection of RoomType.
RoomType			1..99	Provides details regarding rooms, usually guest rooms.
	RoomID	String	Mandatory	A string value representing the unique identification of a room if the request is looking for a specific room.
RatePlans			1	A collection of RatePlan.
RatePlan			1..99	Defines the details of the rate plan as used in the booking process.
	RatePlanID	Numeric	Optional	A special ID code that is associated with the rate and is required in the reservation request in order to obtain the rate.
	RatePlanCode	String	Mandatory	Code of the rate plan. CON = contracted rate PRO_EB = early bird promotion rate PRO_SP = stay pay promotion rate PRO_LM = last minute promotion rate PRO_FD = flat discount promotion rate
GuestCounts			1	A collection of GuestCount.
GuestCount			1..99	A recurring element that identifies the

				number of guests and ages of the guests.
	Count	Numeric	Mandatory	The number of guests.
	Age	Numeric	Optional	The age of the guest(s) in years.
	ResGuestRPH	Numeric	Optional	A reference to the guest(s)group.
TimeSpan			1	The Time Span which covers the Room Stay.
	Start	Date	Mandatory	Check-in or arrival date.
	End	Date	Mandatory	Check-out or departure date.
BasicPropertyInfo			1	Property information for the RoomStay.
	HotelCode	String	Mandatory	A unique code in the system to identify the hotel.
RoomRates			1	A collection of RoomRate.
RoomRate			1..99	Rate of room type.
Rates			1	A collection of Rate.
Rate			1..99	A collection of elements that define the amount of the rate, taxes, associated fees, additional occupant amounts as well as payment and cancellation policies.
Total			1	The total of all rates for this room rate type. The total amount charged for the service including additional amounts and fees.
	AmountAfterTax	Money	Mandatory	The total amount including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
RateDescription			1	Description of the rate.
Text			1	Text description of the rate.
TPA_Extensions			0..1	Define extended elements

				(supplements) if any.
Supplement			1	Mandatory supplement or surcharge.
	Type	String	Mandatory	Type of the supplement / surcharge.
	Name	String	Mandatory	Name of the supplement / surcharge.
	Quantity	Numeric	Mandatory	Quantity of the supplement / surcharge.
	AmountAfterTax	Money	Mandatory	The total amount of the supplement/surcharge including all associated taxes.
	CurrencyCode	String	Mandatory	Code of currency is applied.
	Mandatory	String	Mandatory	Indicate that the supplement/surcharge is Mandatory or not.
ResGuests			1	A collection of ResGuest.
ResGuest			1..99	The ResGuest object contains the information about a guest associated with a reservation.
	ResGuestRPH	Numeric	Optional	Refer to ResGuestRPH of GuestCount.
Profiles			1	A collection of ProfileInfo.
ProfileInfo			1..99	Customer (guest) profile information.
Profile			1	Profile information.
Customer			1	Detailed Customer information for this Profile.
PersonName			1	Customer name.
GivenName			1	Given name of customer.
Surname			1	Surname of customer.
Telephone			0..1	Telephone of customer.

			0..1	Email of customer.
Email				
CitizenCountryName			0..1	Redident country of the guest.
	Code	String	Mandatory	Code (2 characters) of the country.
ResGlobalInfo			1	Contain a profile of a person who contacts for the reservation (used for loyalty programs, payment methods, etc.) and reservation ID.
HotelReservationIDs			1	A collection of HotelReservationID.
HotelReservationID			1	Unique identifier associated with the reservation.
	ResID_Value	String	Mandatory	Reservation confirmation number generateduniquely by the system.
TPA_Extensions			0..1	Define extended elements.
AgentReferenceCode			1	Reference code of the reservation which is provided by agent.

Example:

```xml
<?xmlversion="1.0"encoding="UTF-8"?>
<VC_ResRetrieveRSxmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"Version="1.2"TimeStamp="2014-05-01T06:39:08"Target="Production">
<Success/>
<ReservationsList>
<HotelReservation>
<RoomStays>
<RoomStayIndexNumber="1"RoomStayStatus="OnRequest">
<RoomTypes>
<RoomTypeRoomID="14914"/>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanCode="CON"RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCountCount="2"Age="25"ResGuestRPH="1"></GuestCount>
<GuestCountCount="1"Age="10"></GuestCount>
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<TotalAmountAfterTax="1515"CurrencyCode="AUD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
```

```xml
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="2"AmountAfterTax="125"CurrencyCode="AUD"Mandatory="true"/>
<SupplementType="Meal Supplement"Name="Gala
dinner"Quantity="2"AmountAfterTax="90"CurrencyCode="USD"Mandatory="true"/>
</TPA_Extensions>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
<RoomStayIndexNumber="2"RoomStayStatus="Confirmed">
<RoomTypes>
<RoomTypeRoomID="14922"/>
</RoomTypes>
<RatePlans>
<RatePlanRatePlanCode="CON"RatePlanID="207503"/>
</RatePlans>
<GuestCounts>
<GuestCountCount="3"ResGuestRPH="2"></GuestCount>
</GuestCounts>
<TimeSpanStart="2014-09-27"End="2014-09-30"/>
<BasicPropertyInfoHotelCode="8554000030"/>
<RoomRates>
<RoomRate>
<Rates>
<Rate>
<TotalAmountAfterTax="780"CurrencyCode="AUD"/>
<RateDescription>
<Text>GIT = 15 paying pax &amp; above
Late check out till 6PM: 50% charge
Late check out after 6PM: 100% charge</Text>
</RateDescription>
<TPA_Extensions>
<SupplementType="Surcharge"Name="Peak Season
surcharge"Quantity="2"AmountAfterTax="125"CurrencyCode="AUD"Mandatory="true"/>
<SupplementType="Meal Supplement"Name="Gala
dinner"Quantity="2"AmountAfterTax="90"CurrencyCode="AUD"Mandatory="true"/>
</TPA_Extensions>
</Rate>
</Rates>
</RoomRate>
</RoomRates>
</RoomStay>
</RoomStays>
<ResGuests>
<ResGuestResGuestRPH="1">
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<GivenName>Mr. Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<TelephonePhoneNumber="0403000404"/>
<Email>testy@test.com</Email>
<CitizenCountryNameCode="AU">
</Customer>
</Profile>
</ProfileInfo>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<GivenName>Mrs. Mandy</GivenName>
<Surname>Smith</Surname>
</PersonName>
<TelephonePhoneNumber="0403000404"/>
```

```
<Email>testy@test.com</Email>
<CitizenCountryNameCode="AU">
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
<ResGuestResGuestRPH="2">
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<GivenName>Andy</GivenName>
<Surname>Nguyen</Surname>
</PersonName>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
</ResGuest>
</ResGuests>
<ResGlobalInfo>
<Profiles>
<ProfileInfo>
<Profile>
<Customer>
<PersonName>
<GivenName>FC</GivenName>
<Surname>Staff</Surname>
</PersonName>
<TelephonePhoneNumber="123456789"/>
<Email>fcstaff@email.com</Email>
</Customer>
</Profile>
</ProfileInfo>
</Profiles>
<HotelReservationIDs>
<HotelReservationIDResID_Value="98765"/>
</HotelReservationIDs>
</ResGlobalInfo>
<TPA_Extensions>
<AgentReferenceCode>IH\12345</AgentReferenceCode>
</TPA_Extensions>
</HotelReservation>
</ReservationsList>
</VC_ResRetrieveRS>
```

3.9 VC_CancelRQ

Specification:

Element	Attributes	Format	Occurrence	Description
VC_CancelRQ			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is

				for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
POS			1	The point of sale information.
Source			1	The source of the request.
RequestorID			1	The corporate (requestor) identifier.
	Type	OTA_CodeType	Mandatory	A reference to the type of requestor. Selected values from OTA Specified Unique ID Type (UIT) list.
	ID	String	Mandatory	A unique identifying value assigned by the creating system to assist in identifying the integration partner. This should be the name of the group or company name describing the partner.
UniqueID			1	The reference for the reservation (booking confirmation number).
	ID	String	Mandatory	Booking confirmation number.
Reasons			1	A collection of reasons for this cancellation.
Reason			1..99	Cancellation reason.
TPA_Extensions			0..1	Define extended elements.
AgentReferenceCode			1	Reference code of the reservation which is provided by agent.

Example:

```xml
<?xml version="1.0" encoding="UTF-8"?>
<VC_CancelRQ xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" Version="1.2" TimeStamp="2014-05-01T06:39:07+07:00" Target="Production">
<POS>
<Source>
<RequestorID Type="5" ID="FC"/>
</Source>
</POS>
<UniqueID ID="98765"/>
<Reasons>
```

```
<Reason>CUSTOMER CHANGE ITINERARY</Reason>
</Reasons>
<TPA_Extensions>
<AgentReferenceCode>IH\12345</AgentReferenceCode>
</TPA_Extensions>
</VC_CancelRQ>
```

3.10 VC_CancelRS

Specification:

Element	Attributes	Format	Occurrence	Description
VC_CancelRS			1	Message level details.
	TimeStamp	YYYY-MM-DDT hh:mm:ss.ss(+/-)hh:mm	Mandatory	Indicates the creation date and time of the message in UTC using the 24-hour clock.
	Target	String	Mandatory	Used to indicate whether the request is for the Test or Production system.
	Version	Decimal, n.nn	Mandatory	For all OTA-versioned messages, the version of the message is indicated by a decimal value.
Success			0..1	The presence of the empty Success element explicitly indicates that the request message was successful. This is used in conjunction with the Warning element to report any warnings or business errors.
Warnings			0..1	Used in conjunction with the Success element to define one or more business errors. Collection of warnings.
Errors			0..1	Errors are returned if the request was unable to be processed. A collection of errors that occurred during the processing of a message.
CancelInfoRS			1	Contain rules associated with canceling a reservation

				as well as the cancellation number.
UniqueID			1	The reference for this cancellation.
	ID	String	Mandatory	Cancellation number.
CancelRules			1	A collection of cancellation rules.
CancelRule			1..99	Details of a cancellation rule. Provides the cancellation amount due according to the time before the booking date that the cancellation occurs.
	CancelByDate	Date	Mandatory	The date by which a cancellation must be made in order to avoid this cancellation penalty.
	Percent	String	Mandatory	The percentage of cost to be applied for the cancellation.
	Amount	Money	Mandatory	A monetary amount of cost for the cancellation.
	CurrencyCode	String	Mandatory	Code of currency is applied.

Example:

```xml
<?xmlversion="1.0"encoding="UTF-8"?>
<VC_CancelRSxmlns:xsd="http://www.w3.org/2001/XMLSchema"xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"Version="1.2"TimeStamp="2014-05-01T06:39:08+07:00"Target="Production">
<Success/>
<Warnings>
<WarningType="11">Cancellation penalties apply.</Warning>
</Warnings>
<CancelInfoRS>
<UniqueIDID="98765"/>
<CancelRules>
<CancelRuleCancelByDate="2014-05-01T06:39:08+07:00"Percent="50%"Amount="50.00"CurrencyCode="AUD"/>
</CancelRules>
</CancelInfoRS>
</VC_CancelRS>
```