



## **Transfer Service XML Interface Specification** **developer's guide**

v1.0.1

*June 10*

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## I. Document Control

Version	Issue	Description	Operation
1.0.1	02/06/10	<ul style="list-style-type: none"> <li>- New optional element (HotelbedsCommonTypes.xsd): ServiceTransfer/CancellationPolicy</li> <li>- Modified section Response Business Rules from ServiceAdd operation.</li> <li>- Modified section Response Business Rules from PurchaseConfirm operation.</li> <li>- Modified section Response Business Rules from PurchaseDetail operation.</li> <li>- CancelProtection section removed.</li> </ul>	1
1.0.0	14/04/08	New documentation file	1

## II. Operations

### II.1 TransferValuedAvail

Get a list of available transfer services according to the requested parameters. The returned prices are final prices.

#### TransferValuedAvail

	Request	Response
Details:	<a href="#">xsddocs/TransferValuedAvailRQ.html</a>	<a href="#">xsddocs/TransferValuedAvailRS.html</a>
Schema:	<a href="#">xml/TransferValuedAvailRQ.xsd</a>	<a href="#">xml/TransferValuedAvailRS.xsd</a>
Example:	<a href="#">xml/TransferValuedAvailRQ.xml</a>	<a href="#">xml/TransferValuedAvailRS.xml</a>

#### II.1.1 REQUEST BUSINESS RULES

Element/attribute	Rule
Language	Mandatory
AvailData/ServiceDate/@date	At least today
AvailData/ServiceDate/@time	Mandatory

If TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/@type attribute value is CH, element TransferValuedAvailRQ/AvailData/Occupancy/GuestList/ Customer/Age will be mandatory.

If two TransferValuedAvailRQ/AvailData elements are provided one must have the TransferValuedAvailRQ/AvailData/@type attribute set to IN and the other to OUT.

If TransferValuedAvailRQ/AvailData/PickupLocation/@type is ProductTransferHotel:

- TransferValuedAvailRQ/AvailData/PickupLocation/Code element is mandatory.
- TransferValuedAvailRQ/AvailData/PickupLocation/TransferZone/Code element is mandatory.

If TransferValuedAvailRQ/AvailData/PickupLocation/@type is ProductTransferTerminal:

- TransferValuedAvailRQ/AvailData/PickupLocation/Code element is mandatory.
- TransferValuedAvailRQ/AvailData/PickupLocation/DateTime/@date element is mandatory.
- TransferValuedAvailRQ/AvailData/PickupLocation/DateTime/@time element is mandatory.

If TransferValuedAvailRQ/AvailData/PickupLocation/@type is ProductZone:

- TransferValuedAvailRQ/AvailData/PickupLocation/Code element is mandatory.

If TransferValuedAvailRQ/AvailData/DestinationLocation/@type is ProductTransferHotel:

- TransferValuedAvailRQ/AvailData/DestinationLocation/Code element is mandatory.
- TransferValuedAvailRQ/AvailData/DestinationLocation/TransferZone/Code element is mandatory.

If TransferValuedAvailRQ/AvailData/DestinationLocation/@type is ProductTransferTerminal:

- TransferValuedAvailRQ/AvailData/DestinationLocation/Code element is mandatory.
- TransferValuedAvailRQ/AvailData/DestinationLocation/DateTime/@date element is mandatory.

- TransferValuedAvailRQ/AvailData/DestinationLocation/DateTime/@time element is mandatory.

If TransferValuedAvailRQ/AvailData/DestinationLocation/@type is ProductZone:

- TransferValuedAvailRQ/AvailData/DestinationLocation/Code element is mandatory.

## II.1.2 REQUEST OBSERVATIONS

### II.1.3 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:

- TransferValuedAvailRQ/ExtraParamList
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/CustomerId
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/Name
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/LastName
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/AdditionalInf
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/Document
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/BirthDate
- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/CountryCode
- TransferValuedAvailRQ/AvailData/PickupLocation/Name
- TransferValuedAvailRQ/AvailData/PickupLocation/DescriptionList
- TransferValuedAvailRQ/AvailData/PickupLocation/ImageList
- TransferValuedAvailRQ/AvailData/PickupLocation/Contact
- TransferValuedAvailRQ/AvailData/PickupLocation/TransferZone/Name
- TransferValuedAvailRQ/AvailData/PickupLocation/TransferZone/DescriptionList
- TransferValuedAvailRQ/AvailData/PickupLocation/TransferZone/ImageList
- TransferValuedAvailRQ/AvailData/PickupLocation/TransferZone/Contact
- TransferValuedAvailRQ/AvailData/DestinationLocation/Name
- TransferValuedAvailRQ/AvailData/DestinationLocation/DescriptionList
- TransferValuedAvailRQ/AvailData/DestinationLocation/ImageList
- TransferValuedAvailRQ/AvailData/DestinationLocation/Contact
- TransferValuedAvailRQ/AvailData/DestinationLocation/TransferZone/Name
- TransferValuedAvailRQ/AvailData/DestinationLocation/TransferZone/DescriptionList
- TransferValuedAvailRQ/AvailData/DestinationLocation/TransferZone/ImageList
- TransferValuedAvailRQ/AvailData/DestinationLocation/TransferZone/Contact

Furthemore:

- TransferValuedAvailRQ/AvailData/Occupancy/GuestList/Customer/Age is useless for adult customers.

### II.1.4 RESPONSE BUSINESS RULES

If TransferValuedAvailRS/ServiceTransfer element is present the following elements and attributes must be provided:

- TransferValuedAvailRS/ServiceTransfer/@availToken
- TransferValuedAvailRS/ServiceTransfer/@transferType
- TransferValuedAvailRS/ServiceTransfer/Currency
- TransferValuedAvailRS/ServiceTransfer/DestinationLocation/Code
- TransferValuedAvailRS/ServiceTransfer/ContractList
- TransferValuedAvailRS/ServiceTransfer/Paxes
- TransferValuedAvailRS/ServiceTransfer/Paxes/AdultCount
- TransferValuedAvailRS/ServiceTransfer/Paxes/ChildCount

## II.1.5 RESPONSE OBSERVATIONS

If TicketValuationRS/ServiceTicket/Paxes/GuestList/Customer/@type attribute value is CH, element TicketValuationRQ/ServiceOccupancy/GuestList/Customer/Age will be mandatory.

## III. Particularities of common operations

### III.1 ServiceAdd

In this section you will see the particularities of this operation for Transfer service. If you want to see the general specification for ServiceAdd, please see [HotelBeds XML Interface Specification-v2.4.4](#).

#### III.1.1 REQUEST BUSINESS RULES

When you try to add a TransferService:

Element/attribute	Rule
Service/DateFrom/@time	Mandatory
Service/TransferInfo/Code	Mandatory
Service/Paxes/GuestList/Customer/Age	Mandatory if Service/Paxes/GuestList/Customer/@type attribute is CH
Service/TravelInfo/TravelNumber	Mandatory if Service/TravelInfo element is present

#### III.1.2 REQUEST OBSERVATIONS

To add transfer services you must specify at ServiceTransfer/TravelInfo the elements TravelNumber, DepartInfo and ArrivalInfo. If you don't provide this information in this step, you must provide it in the PurchaseConfirm request operation call.

In addition, if transfer origin or transfer destination is a zone, you must specify at ServiceTransfer/PickupLocation or at ServiceTransfer/DestinationLocation the elements HotelName, HotelAddress and HotelPostalCode. If you don't provide this information in this step, you must provide it in the PurchaseConfirm request operation call. If you don't do it, confirmation request will fail.

#### III.1.3 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:

- ServiceAddRQ/Service/DateTo
- ServiceAddRQ/TransferInfo/Name
- ServiceAddRQ/TransferInfo/DescriptionList
- ServiceAddRQ/TransferInfo/ImageList
- ServiceAddRQ/TransferInfo/Contact
- ServiceAddRQ/Paxes/GuestList/Customer/CustomerId
- ServiceAddRQ/Paxes/GuestList/Customer/Name
- ServiceAddRQ/Paxes/GuestList/Customer/LastName
- ServiceAddRQ/Paxes/GuestList/Customer/AdditionalInfo
- ServiceAddRQ/Paxes/GuestList/Customer/AdditionalInfo
- ServiceAddRQ/Paxes/GuestList/Customer/Document
- ServiceAddRQ/Paxes/GuestList/Customer/BirthDate
- ServiceAddRQ/Paxes/GuestList/Customer/CountryCode
- ServiceAddRQ/Paxes/GuestList/Customer/Age is useless for adult customers
- ServiceAddRQ/Service/PickupLocation/Name
- ServiceAddRQ/Service/PickupLocation/DescriptionList
- ServiceAddRQ/Service/PickupLocation/ImageList
- ServiceAddRQ/Service/PickupLocation/Contact

- ServiceAddrQ/Service/DestinationLocation/Name
- ServiceAddrQ/Service/DestinationLocation/DescriptionList
- ServiceAddrQ/Service/DestinationLocation/ImageList
- ServiceAddrQ/Service/DestinationLocation/Contact
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/Name
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/DescriptionList
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/ImageList
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/Contact
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/TransferZone
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/DateTime
- ServiceAddrQ/Service/TravelInfo/ArrivalInfo/Country
- ServiceAddrQ/Service/TravelInfo/DepartInfo/Name
- ServiceAddrQ/Service/TravelInfo/DepartInfo/DescriptionList
- ServiceAddrQ/Service/TravelInfo/DepartInfo/ImageList
- ServiceAddrQ/Service/TravelInfo/DepartInfo/Contact
- ServiceAddrQ/Service/TravelInfo/DepartInfo/TransferZone
- ServiceAddrQ/Service/TravelInfo/DepartInfo/DateTime
- ServiceAddrQ/Service/TravelInfo/DepartInfo/Country
- ServiceAddrQ/Service/CancellationPolicy

### III.1.4 RESPONSE BUSINESS RULES

If ServiceAddrRS/Purchase element is present and ServiceAddrRS/Purchase/ServiceList/Service/@type is ServiceTransfer the following elements and attributes must be provided:

- ServiceAddrRS/Purchase/ServiceList/Service/@SPUI
- ServiceAddrRS/Purchase/ServiceList/Service/@transferType
- ServiceAddrRS/Purchase/ServiceList/Service/Status
- ServiceAddrRS/Purchase/ServiceList/Service/Supplier
- ServiceAddrRS/Purchase/ServiceList/Service/ContractList
- ServiceAddrRS/Purchase/ServiceList/Service/PickupLocation/Code
- ServiceAddrRS/Purchase/ServiceList/Service/DestinationLocation/Code

In addition, if the transfer service returned has got cancellation fees, the following element must be provided:

- ServiceAddrRS/Purchase/ServiceList/Service/CancellationPolicy

## III.2 ServiceRemove

In this section you will see the particularities of this operation for Transfer service. If you want to see the general specification for ServiceRemove, please see [HotelBeds XML Interface Specification-v2.4.4](#).

### III.2.1 RESPONSE BUSINESS RULES

If ServiceRemoveRS/Purchase element is present and ServiceRemoveRS/Purchase/ServiceList/Service/@type is ServiceTransfer the following elements and attributes must be provided:

- ServiceRemoveRS/Purchase/ServiceList/Service/@SPUI
- ServiceRemoveRS/Purchase/ServiceList/Service/@transferType
- ServiceRemoveRS/Purchase/ServiceList/Service/Status
- ServiceRemoveRS/Purchase/ServiceList/Service/Supplier
- ServiceRemoveRS/Purchase/ServiceList/Service/ContractList
- ServiceRemoveRS/Purchase/ServiceList/Service/PickupLocation/Code
- ServiceRemoveRS/Purchase/ServiceList/Service/DestinationLocation/Code



## III.3 PurchaseConfirm

In this section you will see the particularities of this operation. If you want to see the general specification for PurchaseConfirm, please see [HotelBeds XML Interface Specification-v2.4.4](#).

### III.3.1 REQUEST IMPORTANT NOTICES

To confirm transfer services you can use operation ServiceAdd call including the element ServiceTransfer/TravelInfo. If you don't do it, there is another way to indicate this information. You can use the operation PurchaseConfirm specifying at ConfirmationServiceDataTransfer the elements TravelNumber, DepartInfo and ArrivalInfo.

In addition, if transfer origin or transfer destination is a zone, you can use operation ServiceAdd call including the elements HotelName, HotelAddress and HotelPostalCode at ServiceTransfer/PickupLocation or at ServiceTransfer/DestinationLocation. If you don't provide this information in this step, you must provide it in the PurchaseConfirm request operation call. If you don't do it, confirmation request will fail.

### III.3.2 REQUEST ACCEPTANCE TEST

The following elements and attributes are useless:

- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/Name
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/DescriptionList
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/ImageList
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/Contact
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/TransferZone
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/DepartInfo/Country
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/Name
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/DescriptionList
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/ImageList
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/Contact
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/TransferZone
- PurchaseConfirmRQ/ConfirmationData/ConfirmationServiceDataList/ServiceData/TravelInfo/ArrivalInfo/Country

### III.3.3 RESPONSE BUSINESS RULES

If `PurchaseConfirmRS/Purchase` element is present and `PurchaseConfirmRS/Purchase/ServiceList/Service/@type` is `ServiceTransfer` the following elements and attributes must be provided:

- `PurchaseConfirmRS/Purchase/ServiceList/Service/@SPUI`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/@transferType`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/Status`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/Supplier`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/ContractList`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/PickupLocation/Code`
- `PurchaseConfirmRS/Purchase/ServiceList/Service/DestinationLocation/Code`

In addition, if the transfer service returned has got cancellation fees, the following element must be provided:

- `ServiceAddRS/Purchase/ServiceList/Service/CancellationPolicy`

## III.4 PurchaseDetail

In this section you will see the particularities of this operation for Transfer service. If you want to see the general specification for `PurchaseDetail`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

### III.4.1 RESPONSE BUSINESS RULES

If `PurchaseDetailRS/Purchase` element is present and `PurchaseDetailRS/Purchase/ServiceList/Service/@type` is `ServiceTransfer` the following elements and attributes must be provided:

- `PurchaseDetailRS/Purchase/ServiceList/Service/@SPUI`
- `PurchaseDetailRS/Purchase/ServiceList/Service/@transferType`
- `PurchaseDetailRS/Purchase/ServiceList/Service/Status`
- `PurchaseDetailRS/Purchase/ServiceList/Service/Supplier`
- `PurchaseDetailRS/Purchase/ServiceList/Service/ContractList`
- `PurchaseDetailRS/Purchase/ServiceList/Service/PickupLocation/Code`
- `PurchaseDetailRS/Purchase/ServiceList/Service/DestinationLocation/Code`

In addition, if the transfer service returned has got cancellation fees, the following element must be provided:

- `ServiceAddRS/Purchase/ServiceList/Service/CancellationPolicy`

## III.5 PurchaseList

In this section you will see the particularities of this operation for Transfer service. If you want to see the general specification for `PurchaseList`, please see [HotelBeds XML Interface Specification-v2.4.4](#).

### III.5.1 RESPONSE BUSINESS RULES

If `PurchaseListRS/Purchase` element is present and `PurchaseListRS/Purchase/ServiceList/Service/@type` is `ServiceTransfer` the following elements and attributes must be provided:

- `PurchaseListRS/Purchase/ServiceList/Service/@transferType`
- `PurchaseListRS/Purchase/ServiceList/Service/Status`
- `PurchaseListRS/Purchase/ServiceList/Service/ContractList`

- PurchaseListRS/Purchase/ServiceList/Service/PickupLocation/Code
- PurchaseListRS/Purchase/ServiceList/Service/DestinationLocation/Code

## III.6 PurchaseCancel

In this section you will see the particularities of this operation for Transfer service. If you want to see the general specification for PurchaseCancel, please see [HotelBeds XML Interface Specification-v2.4.4](#).

### III.6.1 RESPONSE BUSINESS RULES

If PurchaseCancelRS/Purchase/ServiceList/Service/@type is ServiceTransfer the following elements and attributes must be provided:

- PurchaseCancelRS/Purchase/ServiceList/Service/@SPUI
- PurchaseCancelRS/Purchase/ServiceList/Service/@transferType
- PurchaseCancelRS/Purchase/ServiceList/Service/Status
- PurchaseCancelRS/Purchase/ServiceList/Service/Supplier
- PurchaseCancelRS/Purchase/ServiceList/Service/ContractList
- PurchaseCancelRS/Purchase/ServiceList/Service/PickupLocation/Code
- PurchaseCancelRS/Purchase/ServiceList/Service/DestinationLocation/Code

## IV. FAQ

### 1. How can I add a complete transfer service to a purchase?

If you send a `TransferValuedAvail` request, providing two `AvailData` elements, one for transfer type `IN` and another one for transfer type `OUT`, you will obtain a response containing a list of transfer services. Each service corresponds with one transfer type.

To add a complete transfer service (`IN` and `OUT`) to a purchase follow the steps below:

- Call the `TransferValuedAvail` operation providing two `AvailData` elements, one for transfer type `IN` and another one for transfer type `OUT`.
- Choose a `TransferValuedAvailRS/ServiceTransfer` element you want to add to the purchase (Ex: choose a transfer with attribute `@transferType = IN`) and call operation `ServiceAdd` providing this service.
- Call again `ServiceAdd` operation providing the other `TransferValuedAvailRS/ServiceTransfer` you want to add to the purchase (Ex: choose a transfer with attribute `@transferType = OUT`) and provide the `ServiceAddRS/@purchaseToken` you received adding the other `ServiceTransfer`.