



**OpenTravel Alliance Message Specifications –Version 1**  
**Volume 2. Appendices**

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## 1 Document Type Definitions (DTDs)

### 1.1 OTA version 1 DTD

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<!-->
<!-->
<!-->
<!-->
<!-->
<!-->
<!-->
<!--OpenTravel Alliance version 1 specification, 10 July 2000, OTA_v1.dtd-->
<!-->
<!--Copyright 2000 OpenTravel Alliance-->
<!-->
<!--Entity declarations-->
<!ENTITY % Ent.v1.NotEmptyAttribute "CDATA #REQUIRED">

<!ENTITY % Ent.v1.NotEmptyElementData "#PCDATA">

<!ENTITY % Ent.v1.Privacy " ShareSynchInd (Yes | No | Inherit ) 'Inherit'
                          ShareMarketInd (Yes | No | Inherit ) 'Inherit' ">

<!ENTITY % Ent.v1.NameOrCode "v1.CompanyCode
                              | v1.FreeFormName">

<!ENTITY % Ent.v1.CompanyId "v1.CompanyCode">

<!ENTITY % Ent.v1.Telephone "v1.Telephone">

<!ENTITY % Ent.v1.PersonName "v1.PersonName">

<!ENTITY % Ent.v1.Address "v1.Address">

<!ENTITY % Ent.v1.UniqueId "v1.UniqueId">

<!ENTITY % Ent.v1.Repeating " BefDynSeq CDATA #IMPLIED
                             AftDynSeq CDATA #IMPLIED
                             DynSeq CDATA #IMPLIED">

<!ENTITY % Ent.v1.HasRepeating " AllChildElements (Yes | No ) #IMPLIED">

```

```

<!-->
<!-->
<!-->
<!--Root tag, main control, content, and versioned error elements
-->
<!ELEMENT OTA_v1 ( (v1.Control? , (v1.Content | v1.EncryptedContent ) ) |
v1.StandardError )>
<!ATTLIST OTA_v1   Timestamp CDATA   #IMPLIED
                   EchoToken CDATA   #IMPLIED
                   Target    CDATA   'Production'
                   GeoCode   CDATA   #IMPLIED >
<!ELEMENT v1.Control (v1.Session | v1.SendBy )>

<!ELEMENT v1.Content (v1.CustProfileCreatorRQ | v1.CustProfileCreators |
v1.CustProfileReadAllRQ | v1.CustProfileReadAllRS | v1.CustProfileUpdaterRQ |
v1.CustProfileUpdatersRS | v1.CustProfileDeleterRQ | v1.CustProfileDeletersRS |
v1.AuthenticationRQ | v1.AuthenticationRS | v1.ReAuthenticationRQ |
v1.ReAuthenticationRS | v1.UnAuthenticationRQ | v1.UnAuthenticationRS )>

<!ELEMENT v1.StandardError (#PCDATA )>
<!ATTLIST v1.StandardError  ErrType (Unknown |
                                     NoImplementation |
                                     BizRule |
                                     Authentication |
                                     AuthenticationTimeout |
                                     Authorization |
                                     ProtocolViolation |
                                     TransactionModel |
                                     AuthenticationModel |
                                     ReqFieldMissing ) #REQUIRED
                   DocURL CDATA #IMPLIED
                   Status CDATA #IMPLIED >
<!ELEMENT v1.Session (v1.Credential* , v1.Principal* )>
<!ATTLIST v1.Session  Identity CDATA #REQUIRED
                   URI CDATA #IMPLIED >
<!ELEMENT v1.SendBy (v1.Credential? )>
<!ATTLIST v1.SendBy  Identity CDATA #REQUIRED
                   URI CDATA #IMPLIED >
<!--Security-related elements
-->
<!ELEMENT v1.EncryptedContent (v1.Block+ )>
<!ATTLIST v1.EncryptedContent  Method CDATA #REQUIRED >

```

```

<!ELEMENT v1.Principal (v1.Credential* )>
<!ATTLIST v1.Principal Identity CDATA #REQUIRED
          URI CDATA #IMPLIED >
<!ELEMENT v1.Credential (#PCDATA )>
<!ATTLIST v1.Credential Method CDATA #REQUIRED >
<!ELEMENT v1.Block (#PCDATA )>

<!--Main verb elements-->
<!ELEMENT v1.CustProfileCreatorQ (v1.UniqueId? , v1.CustProfile )>

<!ELEMENT v1.CustProfileCreators (%Ent.v1.UniqueId; , v1.CustProfile? )>
<!ATTLIST v1.CustProfileCreators Success (Yes | No | Part ) 'Yes' >
<!ELEMENT v1.CustProfileReadAllRQ (%Ent.v1.UniqueId; )>

<!ELEMENT v1.CustProfileReadAllRS (%Ent.v1.UniqueId; , v1.CustProfile )>
<!ATTLIST v1.CustProfileReadAllRS Success (Yes | No | Part ) 'Yes' >
<!ELEMENT v1.CustProfileUpdaterQ (%Ent.v1.UniqueId; , v1.Verify? , (
(v1.Remove , v1.Set? , v1.Insert? , v1.Add? ) | (v1.Set , v1.Insert? ,
v1.Add? ) | (v1.Insert , v1.Add? ) | (v1.Add ) ) )>

<!ELEMENT v1.CustProfileUpdaterRS (%Ent.v1.UniqueId; , v1.CustProfile )>
<!ATTLIST v1.CustProfileUpdaterRS Success (Yes | No | Part ) 'Yes' >
<!ELEMENT v1.CustProfileDeleterQ (%Ent.v1.UniqueId; , v1.Verify? )>

<!ELEMENT v1.CustProfileDeleterRS (%Ent.v1.UniqueId; )>
<!ATTLIST v1.CustProfileDeleterRS Success (Yes | No | Part ) 'Yes' >
<!--Authentication elements
-->
<!ELEMENT v1.AuthenticationRQ (v1.Principal )>

<!ELEMENT v1.AuthenticationRS (#PCDATA )>
<!ATTLIST v1.AuthenticationRS Success (Yes | No | Part ) 'Yes' >
<!ELEMENT v1.ReAuthenticationRQ EMPTY>

<!ELEMENT v1.ReAuthenticationRS (#PCDATA )>
<!ATTLIST v1.ReAuthenticationRS Success (Yes | No | Part ) 'Yes' >
<!ELEMENT v1.UnAuthenticationRQ EMPTY>

<!ELEMENT v1.UnAuthenticationRS (#PCDATA )>
<!ATTLIST v1.UnAuthenticationRS Success (Yes | No | Part ) 'Yes' >
<!--Sub-action verb elements-->
<!ELEMENT v1.Verify (v1.CustProfile )>

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<!ELEMENT v1.Add (v1.CustProfile )>

<!ELEMENT v1.Set (v1.CustProfile )>

<!ELEMENT v1.Insert (v1.CustProfile )>

<!ELEMENT v1.Remove (v1.CustProfile )>

<!--Business content elements begin-->
<!ELEMENT v1.CustProfile (v1.Accesses? , v1.Customer , v1.Preferences? ,
v1.Affiliation* )>
<!ATTLIST v1.CustProfile  ShareAllMarketInd (Yes | No ) 'No'
                          ShareAllSynchInd (Yes | No ) 'No'
                          %Ent.v1.HasRepeating; >

<!--Recent access history-->
<!ELEMENT v1.Accesses (v1.Access.PersonName? , v1.Access.LastAction? ,
v1.Access.Comment* )>
<!ATTLIST v1.Accesses  %Ent.v1.HasRepeating;
                  %Ent.v1.Privacy;
                  CreateDate CDATA #IMPLIED
                  CreateTime CDATA #IMPLIED >

<!ELEMENT v1.Access.LastAction EMPTY>
<!ATTLIST v1.Access.LastAction  Action (Create | ReadAll | Update |
Delete ) #IMPLIED
                  LastActionDate CDATA #IMPLIED
                  LastActionTime CDATA #IMPLIED
                  ActionSystemId CDATA #IMPLIED >

<!ELEMENT v1.Access.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Access.PersonName %Ent.v1.HasRepeating; >
<!ELEMENT v1.Access.Comment (#PCDATA )>
<!ATTLIST v1.Access.Comment %Ent.v1.Repeating; >
<!------>
<!--Main profile elements-->
<!------>
<!ELEMENT v1.Customer ( ( (v1.Cust.PersonName+ , v1.Cust.Telephone* ,
v1.Cust.Email* ) | (v1.Cust.Telephone+ , v1.Cust.Email* ) | (v1.Cust.Email+
) ) , v1.Cust.Address* , v1.Cust.CitizenCountryCode* , v1.Cust.PhysChallName*
, v1.Cust.PetInfo* , v1.Cust.URL* , v1.Cust.PaymentForm* ,
v1.Cust.RelatedTraveler* , v1.Cust.EmergencyContact* , v1.Cust.Document* ,
v1.Cust.Loyalty* )>
<!ATTLIST v1.Customer  Gender (Male | Female ) #IMPLIED
                  Deceased (Yes | No ) #IMPLIED
                  LockoutType CDATA #IMPLIED

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        %Ent.v1.HasRepeating;
        %Ent.v1.Privacy;
        BirthDate          CDATA #IMPLIED
        Currency           CDATA #IMPLIED >
<!ELEMENT v1.Preferences (v1.Pref.Collection* )>
<!ATTLIST v1.Preferences %Ent.v1.Privacy;
                %Ent.v1.HasRepeating; >
<!ELEMENT v1.Affiliation (v1.Aff.Organization* , v1.Aff.Employer* ,
v1.Aff.Insurance* , v1.Aff.TravelArranger* , v1.Aff.TravelClub* )>
<!ATTLIST v1.Affiliation %Ent.v1.Repeating;
                %Ent.v1.HasRepeating;
                %Ent.v1.Privacy; >

<!-->
<!--Basic customer identity, financial, and reference data-->
<!-->
<!ELEMENT v1.Cust.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Cust.PersonName NameType          CDATA #IMPLIED
                DefaultInd          (Yes | No ) #IMPLIED
                %Ent.v1.Privacy;
                %Ent.v1.HasRepeating;
                %Ent.v1.Repeating;
                ValidRepeatInd      (Yes | No ) #IMPLIED >
<!ELEMENT v1.Cust.Address (%Ent.v1.Address; )>
<!ATTLIST v1.Cust.Address AddressType          (Delivery |
                Mailing |
                Billing |
                CreditCard ) #IMPLIED
                DefaultInd          (Yes | No ) #IMPLIED
                %Ent.v1.Privacy;
                %Ent.v1.HasRepeating;
                %Ent.v1.Repeating;
                ContactType         CDATA #IMPLIED >
<!ELEMENT v1.Cust.Telephone (%Ent.v1.Telephone; )>
<!ATTLIST v1.Cust.Telephone DefaultInd          (Yes | No ) #IMPLIED
                PhoneTech          CDATA #IMPLIED
                PhoneUse           CDATA #IMPLIED
                %Ent.v1.Privacy;
                %Ent.v1.HasRepeating;
                %Ent.v1.Repeating;
                ContactType         CDATA #IMPLIED
                ValidRepeatInd      (Yes | No ) #IMPLIED >
<!ELEMENT v1.Cust.CitizenCountryCode (#PCDATA )>
<!ATTLIST v1.Cust.CitizenCountryCode DefaultInd          (Yes | No ) #IMPLIED

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                                %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.PhysChallName (#PCDATA )>
<!ATTLIST v1.Cust.PhysChallName %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.PetInfo (#PCDATA )>
<!ATTLIST v1.Cust.PetInfo %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.Email (#PCDATA )>
<!ATTLIST v1.Cust.Email DefaultInd (Yes | No ) #IMPLIED
                                %Ent.v1.Repeating;
                                EmailReferName CDATA #IMPLIED
                                ValidRepeatInd (Yes | No ) #IMPLIED >
<!ELEMENT v1.Cust.URL (#PCDATA )>
<!ATTLIST v1.Cust.URL DefaultInd (Yes | No ) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.PaymentForm (v1.Cust.Pay.CreditCard* ,
v1.Cust.Pay.BankAcct* , v1.Cust.Pay.DirectBill* )>
<!ATTLIST v1.Cust.PaymentForm %Ent.v1.Repeating;
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Privacy;
                                CostCenterId CDATA #IMPLIED >
<!ELEMENT v1.Cust.Pay.CreditCard (v1.Cust.Pay.Card.PersonName? ,
v1.Cust.Pay.Card.UserDefinedName? , v1.Cust.Pay.Card.IssueCompName? ,
v1.Cust.Pay.Card.Address? )>
<!ATTLIST v1.Cust.Pay.CreditCard CardType (Credit | Debit |
CentralBill ) #IMPLIED
                                PayFormReferName CDATA #IMPLIED
                                %Ent.v1.Repeating;
                                %Ent.v1.Privacy;
                                PreferLevel (Only | Unacceptable )
#IMPLIED
                                CodeContext CDATA #IMPLIED
                                DefaultInd (Yes | No ) #IMPLIED
                                CardNumber CDATA #REQUIRED
                                SeriesCode CDATA #IMPLIED
                                CardExpiryDate CDATA #REQUIRED >
<!ELEMENT v1.Cust.Pay.Card.PersonName (#PCDATA )>
<!ELEMENT v1.Cust.Pay.Card.UserDefinedName (#PCDATA )>
<!ELEMENT v1.Cust.Pay.Card.IssueCompName (#PCDATA )>
<!ELEMENT v1.Cust.Pay.Card.Address (%Ent.v1.Address; )>

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<!ELEMENT v1.Cust.Pay.BankAcct (v1.Cust.Pay.Bank.PersonName* ,
v1.Cust.Pay.Bank.AcctNumber )>
<!ATTLIST v1.Cust.Pay.BankAcct AcctType          CDATA #IMPLIED
                                %Ent.v1.HasRepeating;
                                PayFormReferName   CDATA #IMPLIED
                                %Ent.v1.Privacy;
                                %Ent.v1.Repeating;
                                PreferLevel        (Only | Unacceptable )
#IMPLIED
                                DefaultInd         (Yes | No ) #IMPLIED
                                BankId            CDATA #IMPLIED >
<!ELEMENT v1.Cust.Pay.DirectBill (v1.Cust.Pay.Direct.CompanyName ,
v1.Cust.Pay.Direct.Address )>
<!ATTLIST v1.Cust.Pay.DirectBill DirectBill_Id    CDATA #REQUIRED
                                PayFormReferName   CDATA #IMPLIED
                                %Ent.v1.Privacy;
                                %Ent.v1.Repeating;
                                PreferLevel        (Only | Unacceptable )
#IMPLIED
                                DefaultInd         (Yes | No ) #IMPLIED >
<!ELEMENT v1.Cust.Pay.Direct.CompanyName (#PCDATA )>
<!ELEMENT v1.Cust.Pay.Direct.Address (%Ent.v1.Address; )>
<!ELEMENT v1.Cust.Pay.Bank.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Cust.Pay.Bank.PersonName %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.Pay.Bank.AcctNumber (#PCDATA )>
<!ELEMENT v1.Cust.RelatedTraveler (%Ent.v1.UniqueId; ,
v1.Cust.Related.PersonName? )>
<!ATTLIST v1.Cust.RelatedTraveler %Ent.v1.Privacy;
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Repeating;
                                RelatedServerId    CDATA #IMPLIED
                                Relation           CDATA #IMPLIED >
<!ELEMENT v1.Cust.Related.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Cust.Related.PersonName %Ent.v1.HasRepeating;
                                NameType          CDATA #IMPLIED >
<!ELEMENT v1.Cust.EmergencyContact (v1.Cust.Contact.PersonName? ,
v1.Cust.Contact.Phone* , v1.Cust.Contact.Addr* )>
<!ATTLIST v1.Cust.EmergencyContact DefaultInd        (Yes | No )
#IMPLIED
                                %Ent.v1.Privacy;

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                                %Ent.v1.HasRepeating;
                                %Ent.v1.Repeating;
                                Relation          CDATA #IMPLIED
                                Email            CDATA #IMPLIED
                                URL              CDATA #IMPLIED >
<!ELEMENT v1.Cust.Contact.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Cust.Contact.PersonName %Ent.v1.HasRepeating;
                                Relation          CDATA #IMPLIED >
<!ELEMENT v1.Cust.Contact.Phone (%Ent.v1.Telephone; )>
<!ATTLIST v1.Cust.Contact.Phone PhoneTech      CDATA #IMPLIED
                                PhoneUse        CDATA #IMPLIED
                                %Ent.v1.Repeating;
                                %Ent.v1.HasRepeating; >
<!ELEMENT v1.Cust.Contact.Addr (%Ent.v1.Address; )>
<!ATTLIST v1.Cust.Contact.Addr AddressType    (Delivery |
                                                Mailing |
                                                Billing |
                                                CreditCard ) #IMPLIED
                                %Ent.v1.HasRepeating; >
<!ELEMENT v1.Cust.Document (v1.Cust.Doc.PersonName? ,
v1.Cust.Doc.IssueAuthority? , v1.Cust.Doc.IssueLocation? ,
v1.Cust.Doc.Limits* )>
<!ATTLIST v1.Cust.Document Gender              (Male | Female ) #IMPLIED
                                %Ent.v1.Privacy;
                                %Ent.v1.Repeating;
                                DocType          CDATA #IMPLIED
                                BirthDate       CDATA #IMPLIED
                                EffectDate      CDATA #IMPLIED
                                ExpiryDate      CDATA #IMPLIED
                                DocId           CDATA #REQUIRED >
<!ELEMENT v1.Cust.Doc.PersonName (#PCDATA )>
<!ELEMENT v1.Cust.Doc.IssueAuthority (#PCDATA )>
<!ELEMENT v1.Cust.Doc.IssueLocation (#PCDATA )>
<!ELEMENT v1.Cust.Doc.Limits (#PCDATA )>
<!ATTLIST v1.Cust.Doc.Limits %Ent.v1.Repeating; >
<!ELEMENT v1.Cust.Loyalty (v1.CompanyCode , v1.Cust.Loyal.ProgramName? ,
v1.Cust.Loyal.PersonName? )>
<!ATTLIST v1.Cust.Loyalty %Ent.v1.Repeating;
                                %Ent.v1.Privacy;

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                SingleVendorInd    (SingleVndr | Alliance )
#IMPLIED
                LoyalLevel          CDATA #IMPLIED >
<!ELEMENT v1.Cust.Loyal.ProgramName (#PCDATA )>

<!ELEMENT v1.Cust.Loyal.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Cust.Loyal.PersonName PersonId          CDATA #IMPLIED
                                     %Ent.v1.HasRepeating; >

<!-->
<!--Customer travel preferences-->
<!-->
<ELEMENT v1.Pref.Collection ( (v1.Pref.Common , v1.Pref.CarRental* ,
v1.Pref.Airlines* , v1.Pref.Hotel* , v1.Pref.OtherSrcv* ) |
(v1.Pref.CarRental+ , v1.Pref.Airlines* , v1.Pref.Hotel* , v1.Pref.OtherSrcv*
) | (v1.Pref.Airlines+ , v1.Pref.Hotel* , v1.Pref.OtherSrcv* ) |
(v1.Pref.Hotel+ , v1.Pref.OtherSrcv* ) | (v1.Pref.OtherSrcv+ ) )>
<ATTLIST v1.Pref.Collection %Ent.v1.Privacy;
                             %Ent.v1.HasRepeating;
                             %Ent.v1.Repeating;
                             TravelType          CDATA #IMPLIED >

<!-->
<!--Common customer preferences-->
<!-->
<ELEMENT v1.Pref.Common (v1.Pref.Common.PersonName* , v1.Pref.Common.Phone*
, v1.Pref.Common.Address* , v1.Pref.Common.PaymtForm* ,
v1.Pref.Common.InterestName* , v1.Pref.Common.SeatDirect* ,
v1.Pref.Common.MealType? , v1.Pref.Common.FavoriteFood* ,
v1.Pref.Common.MediaEntertain* , v1.Pref.Common.Beverage* ,
v1.Pref.Common.PetInfo* , v1.Pref.Common.SpecReq* , v1.Pref.Common.Loyalty* ,
v1.Pref.Common.RelatedTrav* )>
<ATTLIST v1.Pref.Common SmokingInd          (Yes | No ) #IMPLIED
                          Language          CDATA #IMPLIED
                          %Ent.v1.HasRepeating;
                          %Ent.v1.Privacy;
                          TicketTime       CDATA #IMPLIED >
<ELEMENT v1.Pref.Common.PersonName (%Ent.v1.PersonName; )>
<ATTLIST v1.Pref.Common.PersonName %Ent.v1.Repeating;
                                     %Ent.v1.Privacy;
                                     %Ent.v1.HasRepeating;
                                     NameType          CDATA #IMPLIED >

<ELEMENT v1.Pref.Common.Phone (%Ent.v1.Telephone; )>
<ATTLIST v1.Pref.Common.Phone %Ent.v1.Repeating;
                               %Ent.v1.Privacy;

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                PhoneTech          CDATA #IMPLIED
                PhoneUse           CDATA #IMPLIED
                ContactType        CDATA #IMPLIED >
<!ELEMENT v1.Pref.Common.Address (%Ent.v1.Address; )>
<!ATTLIST v1.Pref.Common.Address %Ent.v1.Repeating;
                %Ent.v1.Privacy;
                %Ent.v1.HasRepeating;
                AddressType        (Delivery |
                                   Mailing |
                                   Billing |
                                   CreditCard )
#IMPLIED
                ContactType        CDATA #IMPLIED >
<!ELEMENT v1.Pref.Common.PaymtForm (#PCDATA )>
<!ATTLIST v1.Pref.Common.PaymtForm PreferLevel        (Only | Unacceptable )
#IMPLIED
                PayFormReferName CDATA #IMPLIED
                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Common.InterestName (#PCDATA )>
<!ATTLIST v1.Pref.Common.InterestName %Ent.v1.Repeating;
                PreferLevel        (Only | Unacceptable
) #IMPLIED >
<!ELEMENT v1.Pref.Common.SeatDirect (#PCDATA )>
<!ATTLIST v1.Pref.Common.SeatDirect SeatDirect        CDATA #REQUIRED
                %Ent.v1.Repeating;
                PreferLevel        (Only | Unacceptable )
#IMPLIED >
<!ELEMENT v1.Pref.Common.MealType (#PCDATA )>
<!ATTLIST v1.Pref.Common.MealType PreferLevel (Only | Unacceptable )
#IMPLIED >
<!ELEMENT v1.Pref.Common.FavoriteFood (#PCDATA )>
<!ATTLIST v1.Pref.Common.FavoriteFood %Ent.v1.Repeating;
                PreferLevel        (Only | Unacceptable
) #IMPLIED >
<!ELEMENT v1.Pref.Common.MediaEntertain (#PCDATA )>
<!ATTLIST v1.Pref.Common.MediaEntertain %Ent.v1.Repeating;
                PreferLevel        (Only |
Unacceptable ) #IMPLIED >
<!ELEMENT v1.Pref.Common.Beverage (#PCDATA )>
<!ATTLIST v1.Pref.Common.Beverage %Ent.v1.Repeating;
                PreferLevel        (Only | Unacceptable )
#IMPLIED >
<!ELEMENT v1.Pref.Common.PetInfo (#PCDATA )>

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<!ATTLIST v1.Pref.Common.PetInfo PreferLevel      (Only | Unacceptable )
#IMPLIED

                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Common.SpecReq (#PCDATA )>
<!ATTLIST v1.Pref.Common.SpecReq %Ent.v1.Repeating;
                                PreferLevel      (Only | Unacceptable )
#IMPLIED >
<!ELEMENT v1.Pref.Common.Loyalty (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Common.Loyalty PreferLevel      (Only | Unacceptable )
#IMPLIED

                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Common.RelatedTrav (%Ent.v1.UniqueId; ,
%Ent.v1.PersonName; )>
<!ATTLIST v1.Pref.Common.RelatedTrav RelatedServerId      CDATA #IMPLIED
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Repeating; >

<!-->
<!-- Travel service preferences-->
<!-->
<!ELEMENT v1.Pref.CarRental (v1.Pref.Car.Loyalty* , v1.Pref.Car.VendorId* ,
v1.Pref.Car.PaymtForm* , v1.Pref.Car.Coverage* , v1.Pref.Car.SpecialReq* ,
v1.Pref.Car.VehicleType* , v1.Pref.Car.VehicleClass* ,
v1.Pref.Car.AirCondition? , v1.Pref.Car.Transmission? ,
v1.Pref.Car.CellPhone? , v1.Pref.Car.GlobalNavigation? ,
v1.Pref.Car.PhysChallEquip* , v1.Pref.Car.ChildSeat* )>
<!ATTLIST v1.Pref.CarRental CarRenterType      CDATA #IMPLIED
                                %Ent.v1.Repeating;
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Privacy;
                                PreferLevel      (Only | Unacceptable )
#IMPLIED

                                SmokingInd      (Yes | No ) #IMPLIED
                                TicketTime      CDATA #IMPLIED >
<!ELEMENT v1.Pref.Airlines (v1.Pref.Air.Loyalty* , v1.Pref.Air.VendorId* ,
v1.Pref.Air.PaymtForm* , v1.Pref.Air.MediaEntertain* ,
v1.Pref.Air.AirportOriginId* , v1.Pref.Air.AirportRouteId* ,
v1.Pref.Air.DistribType* , v1.Pref.Air.FareRestriction* ,
v1.Pref.Air.FlightType* , v1.Pref.Air.EquipType* , v1.Pref.Air.Cabin* ,
v1.Pref.Air.ServiceClass* , v1.Pref.Air.SeatPosition* ,
v1.Pref.Air.SeatLocation* , v1.Pref.Air.MealType* , v1.Pref.Air.Beverage* ,
v1.Pref.Air.PetInfo* , v1.Pref.Air.SpecServReq* , v1.Pref.Air.SpecRequest* )>
<!ATTLIST v1.Pref.Airlines PreferLevel      (Only | Unacceptable )
#IMPLIED

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        AirPassengerType      CDATA #IMPLIED
        %Ent.v1.Privacy;
        %Ent.v1.HasRepeating;
        %Ent.v1.Repeating;
        AirTicketType         ( Electronic | Paper )
#IMPLIED
        SmokingInd            ( Yes | No ) #IMPLIED
        TicketTime            CDATA #IMPLIED >
<!ELEMENT v1.Pref.Hotel (v1.Pref.Hotel.Loyalty* , v1.Pref.Hotel.PaymtForm* ,
v1.Pref.Hotel.ChainId* , v1.Pref.Hotel.PropertyName* ,
v1.Pref.Hotel.MediaEntertain* , v1.Pref.Hotel.MealType* ,
v1.Pref.Hotel.FavoriteFood* , v1.Pref.Hotel.Beverage* ,
v1.Pref.Hotel.PetInfo* , v1.Pref.Hotel.LocationType* ,
v1.Pref.Hotel.PropertyType* , v1.Pref.Hotel.PropertyClass* ,
v1.Pref.Hotel.PropAmenity* , v1.Pref.Hotel.RoomAmenity* ,
v1.Pref.Hotel.RoomLocation* , v1.Pref.Hotel.BedType* ,
v1.Pref.Hotel.FoodSrvc* , v1.Pref.Hotel.RecreSrvc* ,
v1.Pref.Hotel.BusinessSrvc* , v1.Pref.Hotel.PersonalSrvc* ,
v1.Pref.Hotel.SecurityFeatr* , v1.Pref.Hotel.PhysChallFeatr* ,
v1.Pref.Hotel.SpecRequest* )>
<!ATTLIST v1.Pref.Hotel HotelGuestType      CDATA #IMPLIED
        PreferLevel          ( Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating;
        %Ent.v1.HasRepeating;
        %Ent.v1.Privacy;
        RatePlan              CDATA #IMPLIED
        SmokingInd            ( Yes | No ) #IMPLIED
        TicketTime            CDATA #IMPLIED >
<!ELEMENT v1.Pref.OtherSrvc (v1.Pref.Other.SrvcName? ,
v1.Pref.Other.Loyalty* , v1.Pref.Other.PaymtForm* ,
v1.Pref.Other.SpecRequest* )>
<!ATTLIST v1.Pref.OtherSrvc OtherServiceType  CDATA #IMPLIED
        PreferLevel          ( Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating;
        %Ent.v1.HasRepeating;
        %Ent.v1.Privacy;
        TicketTime            CDATA #IMPLIED >
<!-->
<!-- Car rental preferences-->
<!-->
<!ELEMENT v1.Pref.Car.Loyalty (%Ent.v1.NameOrCode; )*>

```

```

<!ATTLIST v1.Pref.Car.Loyalty %Ent.v1.Repeating;
                                PreferLevel (Only | Unacceptable )
#IMPLIED >
<!ELEMENT v1.Pref.Car.VendorId (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Car.VendorId PreferLevel (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Car.PaymtForm EMPTY>
<!ATTLIST v1.Pref.Car.PaymtForm PreferLevel (Only | Unacceptable )
#IMPLIED
                                PayFormReferName CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Car.Coverage (v1.Pref.Car.Cov.Supplement* ,
v1.Pref.Car.Cov.Description* , v1.Pref.Car.Cov.Limits* )>
<!ATTLIST v1.Pref.Car.Coverage CoverageType CDATA #IMPLIED
                                CoverageCode CDATA #IMPLIED
                                %Ent.v1.Repeating;
                                %Ent.v1.Privacy; >
<!ELEMENT v1.Pref.Car.SpecialReq (#PCDATA )>
<!ATTLIST v1.Pref.Car.SpecialReq %Ent.v1.Repeating;
                                CarSpecialReq CDATA #IMPLIED >
<!ELEMENT v1.Pref.Car.VehicleType (#PCDATA )>
<!ATTLIST v1.Pref.Car.VehicleType PreferLevel (Only | Unacceptable )
#IMPLIED
                                DynSeq CDATA #IMPLIED
                                VehicleType CDATA #IMPLIED >
<!ELEMENT v1.Pref.Car.VehicleClass (#PCDATA )>
<!ATTLIST v1.Pref.Car.VehicleClass PreferLevel (Only | Unacceptable )
#IMPLIED
                                DynSeq CDATA #IMPLIED
                                VehicleClass CDATA #IMPLIED >
<!ELEMENT v1.Pref.Car.PhysChallEquip (#PCDATA )>
<!ATTLIST v1.Pref.Car.PhysChallEquip PreferLevel (Only | Unacceptable )
#IMPLIED
                                ChallEquip CDATA #IMPLIED
                                DynSeq CDATA #IMPLIED >
<!ELEMENT v1.Pref.Car.ChildSeat EMPTY>
<!ATTLIST v1.Pref.Car.ChildSeat Quantity CDATA #IMPLIED
                                ChildSeatType CDATA #IMPLIED >
<!ELEMENT v1.Pref.Car.Cov.Supplement (#PCDATA )>
<!ELEMENT v1.Pref.Car.Cov.Description (#PCDATA )>

```

```

<!ELEMENT v1.Pref.Car.Cov.Limits (#PCDATA )>

<!ELEMENT v1.Pref.Car.AirCondition (#PCDATA )>

<!ELEMENT v1.Pref.Car.Transmission (#PCDATA )>

<!ELEMENT v1.Pref.Car.CellPhone (#PCDATA )>

<!ELEMENT v1.Pref.Car.GlobalNavigation (#PCDATA )>

<!-->
<!--Air travel preferences-->
<!-->
<!ELEMENT v1.Pref.Air.Loyalty (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Air.Loyalty PreferLevel (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.VendorId (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Air.VendorId PreferLevel (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.PaymtForm EMPTY>
<!ATTLIST v1.Pref.Air.PaymtForm PreferLevel (Only | Unacceptable )
#IMPLIED
                                PayFormReferName CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.MediaEntertain (#PCDATA )>
<!ATTLIST v1.Pref.Air.MediaEntertain PreferLevel (Only | Unacceptable
) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.AirportOriginId (#PCDATA )>
<!ATTLIST v1.Pref.Air.AirportOriginId PreferLevel (Only | Unacceptable
) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.AirportRouteId (#PCDATA )>
<!ATTLIST v1.Pref.Air.AirportRouteId PreferLevel (Only | Unacceptable
) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.DistribType (#PCDATA )>
<!ATTLIST v1.Pref.Air.DistribType PreferLevel (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating;
                                DistribType CDATA #IMPLIED >

```

```

<!ELEMENT v1.Pref.Air.FareRestriction (#PCDATA )>
<!ATTLIST v1.Pref.Air.FareRestriction FareRestrict CDATA #IMPLIED
        PreferLevel (Only | Unacceptable
) #IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.FlightType (#PCDATA )>
<!ATTLIST v1.Pref.Air.FlightType PreferLevel (Only | Unacceptable )
#IMPLIED
        FlightType CDATA #IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.EquipType (#PCDATA )>
<!ATTLIST v1.Pref.Air.EquipType PreferLevel (Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.Cabin (#PCDATA )>
<!ATTLIST v1.Pref.Air.Cabin PreferLevel (Only | Unacceptable )
#IMPLIED
        CabinType CDATA #IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.ServiceClass (#PCDATA )>
<!ATTLIST v1.Pref.Air.ServiceClass PreferLevel (Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.SeatPosition (#PCDATA )>
<!ATTLIST v1.Pref.Air.SeatPosition PreferLevel (Only | Unacceptable )
#IMPLIED
        SeatRow CDATA #IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.SeatLocation (#PCDATA )>
<!ATTLIST v1.Pref.Air.SeatLocation PreferLevel (Only | Unacceptable )
#IMPLIED
        SeatLocat CDATA #IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.MealType (#PCDATA )>
<!ATTLIST v1.Pref.Air.MealType PreferLevel (Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.Beverage (#PCDATA )>
<!ATTLIST v1.Pref.Air.Beverage PreferLevel (Only | Unacceptable )
#IMPLIED
        %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.PetInfo (#PCDATA )>

```



```

<!ATTLIST v1.Pref.Air.PetInfo PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.SpecServReq (#PCDATA )>
<!ATTLIST v1.Pref.Air.SpecServReq PreferLevel      (Only | Unacceptable )
#IMPLIED
                                SSR_OSI          CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Air.SpecRequest (#PCDATA )>
<!ATTLIST v1.Pref.Air.SpecRequest PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!-->
<!-- Hotel preferences-->
<!-->
<!ELEMENT v1.Pref.Hotel.Loyalty (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Hotel.Loyalty PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PaymtForm (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PaymtForm PreferLevel      (Only | Unacceptable )
#IMPLIED
                                PayFormReferName CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.ChainId (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Hotel.ChainId PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PropertyName (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PropertyName PreferLevel      (Only | Unacceptable
) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.MediaEntertain (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.MediaEntertain PreferLevel      (Only |
Unacceptable ) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.MealType (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.MealType PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.FavoriteFood (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.FavoriteFood PreferLevel      (Only | Unacceptable
) #IMPLIED

```

```

                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.Beverage (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.Beverage PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PetInfo (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PetInfo PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.LocationType (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.LocationType PreferLevel      (Only | Unacceptable
) #IMPLIED
                                LocationType      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PropertyType (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PropertyType PreferLevel      (Only | Unacceptable
) #IMPLIED
                                PropertyType      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PropertyClass (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PropertyClass PreferLevel      (Only | Unacceptable
) #IMPLIED
                                PropertyClass      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PropAmenity (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PropAmenity PreferLevel      (Only | Unacceptable )
#IMPLIED
                                PropAmenity      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.RoomAmenity (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.RoomAmenity PreferLevel      (Only | Unacceptable )
#IMPLIED
                                RoomAmenity      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.RoomLocation (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.RoomLocation PreferLevel      (Only | Unacceptable
) #IMPLIED
                                RoomLocation      CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.BedType (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.BedType PreferLevel      (Only | Unacceptable )
#IMPLIED
                                BedType          CDATA #IMPLIED

```

```

                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.FoodSrvc  (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.FoodSrvc  PreferLevel      (Only | Unacceptable )
#IMPLIED

                                FoodSrvc          CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.RecreSrvc (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.RecreSrvc PreferLevel      (Only | Unacceptable )
#IMPLIED

                                RecreSrvc          CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.BusinessSrvc (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.BusinessSrvc PreferLevel      (Only | Unacceptable
) #IMPLIED

                                BusinessSrvc       CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PersonalSrvc (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PersonalSrvc PreferLevel      (Only | Unacceptable
) #IMPLIED

                                PersonalSrvc       CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.SecurityFeatr (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.SecurityFeatr PreferLevel      (Only | Unacceptable
) #IMPLIED

                                SecurityFeatr       CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.PhysChallFeatr (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.PhysChallFeatr PreferLevel      (Only |
Unacceptable ) #IMPLIED

                                PhysChallFeatr       CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Hotel.SpecRequest  (#PCDATA )>
<!ATTLIST v1.Pref.Hotel.SpecRequest  PreferLevel      (Only | Unacceptable )
#IMPLIED

                                %Ent.v1.Repeating; >
<!-->
<!-- Other travel service preferences-->
<!-->
<!ELEMENT v1.Pref.Other.SrvcName  EMPTY>

<!ELEMENT v1.Pref.Other.Loyalty  (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Pref.Other.Loyalty  PreferLevel      (Only | Unacceptable )
#IMPLIED

```

```

                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Other.PaymtForm EMPTY>
<!ATTLIST v1.Pref.Other.PaymtForm PreferLevel      (Only | Unacceptable )
#IMPLIED
                                PayFormReferName CDATA #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Pref.Other.SpecRequest (#PCDATA )>
<!ATTLIST v1.Pref.Other.SpecRequest PreferLevel      (Only | Unacceptable )
#IMPLIED
                                %Ent.v1.Repeating; >
<!-->
<!--Affiliations, organizations involved with the supply of travel services--
>
<!-->
<!ELEMENT v1.Aff.Organization (v1.Aff.Organiz.Name? ,
v1.Aff.Organiz.RelatedName* , v1.Aff.Organiz.Level? ,
v1.Aff.Organiz.MemberTitle? , v1.Aff.Organiz.TravelSrvVendorName? )>
<!ATTLIST v1.Aff.Organization DefaultInd          (Yes | No ) #IMPLIED
                                OfficeType         CDATA #IMPLIED
                                ExpiryDate         CDATA #IMPLIED
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Repeating;
                                %Ent.v1.Privacy;
                                PersonId           CDATA #IMPLIED >
<!ELEMENT v1.Aff.Organiz.Name (#PCDATA )>

<!ELEMENT v1.Aff.Organiz.RelatedName (#PCDATA )>
<!ATTLIST v1.Aff.Organiz.RelatedName %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Organiz.Level (#PCDATA )>

<!ELEMENT v1.Aff.Organiz.MemberTitle (#PCDATA )>

<!ELEMENT v1.Aff.Organiz.TravelSrvVendorName (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Aff.Organiz.TravelSrvVendorName %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Employer (v1.Aff.Empl.CompName? , v1.Aff.Empl.RelatedName*
, v1.Aff.Empl.Level? , v1.Aff.Empl.Title? , v1.Aff.Empl.InternalRefNmbr* ,
v1.Aff.Empl.TravelSrvVendorName? , v1.Aff.Empl.Loyalty? )>
<!ATTLIST v1.Aff.Employer DefaultInd          (Yes | No ) #IMPLIED
                                %Ent.v1.Privacy;
                                %Ent.v1.Repeating;
                                %Ent.v1.HasRepeating;
                                PersonId           CDATA #IMPLIED
                                OfficeType         CDATA #IMPLIED

```

```

                ExpiryDate          CDATA #IMPLIED
                EmployeeStatus       CDATA #IMPLIED >
<!ELEMENT v1.Aff.Empl.CompName (#PCDATA )>

<!ELEMENT v1.Aff.Empl.RelatedName (#PCDATA )>
<!ATTLIST v1.Aff.Empl.RelatedName %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Empl.Level (#PCDATA )>

<!ELEMENT v1.Aff.Empl.Title (#PCDATA )>

<!ELEMENT v1.Aff.Empl.InternalRefNmbr (#PCDATA )>
<!ATTLIST v1.Aff.Empl.InternalRefNmbr %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Empl.Loyalty (%Ent.v1.NameOrCode; )*>
<!ATTLIST v1.Aff.Empl.Loyalty PreferLevel (Only | Unacceptable )
#IMPLIED
                %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Empl.TravelSrvVendorName (#PCDATA )>

<!ELEMENT v1.Aff.Insurance (v1.Aff.Insur.CompName ,
v1.Aff.Insur.Underwriter? )>
<!ATTLIST v1.Aff.Insurance PreferLevel (Only | Unacceptable )
#IMPLIED
                %Ent.v1.Repeating;
                InsuranceType      CDATA #IMPLIED
                PolicyNumber        CDATA #REQUIRED
                EffectDate           CDATA #IMPLIED
                ExpiryDate           CDATA #IMPLIED >
<!ELEMENT v1.Aff.Insur.CompName (#PCDATA )>
<!ATTLIST v1.Aff.Insur.CompName %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Insur.Underwriter (#PCDATA )>

<!ELEMENT v1.Aff.TravelArranger (v1.Aff.TrvlArr.CompName? ,
v1.Aff.TrvlArr.PersonName* , v1.Aff.TrvlArr.Address* , v1.Aff.TrvlArr.Phone*
, v1.Aff.TrvlArr.Email* , v1.Aff.TrvlArr.URL* )>
<!ATTLIST v1.Aff.TravelArranger DefaultInd (Yes | No ) #IMPLIED
                TravelArrangerType CDATA #IMPLIED
                %Ent.v1.Privacy;
                %Ent.v1.Repeating;
                %Ent.v1.HasRepeating; >
<!ELEMENT v1.Aff.TrvlArr.CompName (%Ent.v1.NameOrCode; )>

<!ELEMENT v1.Aff.TrvlArr.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Aff.TrvlArr.PersonName %Ent.v1.HasRepeating;

```

```

                                %Ent.v1.Repeating;
                                DefaultInd          (Yes | No )
#IMPLIED >
<!ELEMENT v1.Aff.TrvlArr.Address (%Ent.v1.Address; )>
<!ATTLIST v1.Aff.TrvlArr.Address %Ent.v1.Repeating;
                                %Ent.v1.HasRepeating;
                                DefaultInd          (Yes | No ) #IMPLIED
>
<!ELEMENT v1.Aff.TrvlArr.Phone (%Ent.v1.Telephone; )>
<!ATTLIST v1.Aff.TrvlArr.Phone PhoneTech          CDATA #IMPLIED
                                PhoneUse           CDATA #IMPLIED
                                %Ent.v1.HasRepeating;
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.TrvlArr.Email (#PCDATA )>
<!ATTLIST v1.Aff.TrvlArr.Email DefaultInd          (Yes | No ) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.TrvlArr.URL (#PCDATA )>
<!ATTLIST v1.Aff.TrvlArr.URL DefaultInd          (Yes | No ) #IMPLIED
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.TravelClub (v1.Aff.Club.ProgramName ,
v1.Aff.Club.PersonName? )>
<!ATTLIST v1.Aff.TravelClub ExpiryDate          CDATA #IMPLIED
                                %Ent.v1.Privacy;
                                %Ent.v1.Repeating; >
<!ELEMENT v1.Aff.Club.PersonName (%Ent.v1.PersonName; )>
<!ATTLIST v1.Aff.Club.PersonName PersonId CDATA #IMPLIED >
<!ELEMENT v1.Aff.Club.ProgramName (%Ent.v1.NameOrCode; )>
<!-->
<!--Reusable content-->
<!-->
<!ELEMENT v1.Address (v1.Addr.StreetNmbr? , v1.Addr.BldgRoom* ,
v1.Addr.CityName? , v1.Addr.StateProv? , v1.Addr.CountryName? , v1.Addr.Line*
)>
<!ATTLIST v1.Address %Ent.v1.HasRepeating; >
<!ELEMENT v1.Addr.StreetNmbr (#PCDATA )>
<!ATTLIST v1.Addr.StreetNmbr POBox CDATA #IMPLIED >
<!ELEMENT v1.Addr.BldgRoom (#PCDATA )>
<!ATTLIST v1.Addr.BldgRoom %Ent.v1.Repeating; >
<!ELEMENT v1.Addr.CityName (#PCDATA )>

<!ELEMENT v1.Addr.StateProv (#PCDATA )>
<!ATTLIST v1.Addr.StateProv PostalCode CDATA #IMPLIED >
<!ELEMENT v1.Addr.CountryName (#PCDATA )>

```

```

<!ATTLIST v1.Addr.CountryName CountryCode CDATA #IMPLIED >
<!ELEMENT v1.Addr.Line (#PCDATA )>
<!ATTLIST v1.Addr.Line %Ent.v1.Repeating; >
<!ELEMENT v1.PersonName (v1.Person.NameTitle* , v1.Person.GivenName? ,
v1.Person.MiddleName* , v1.Person.MiddleInitial* , v1.Person.Surname ,
v1.Person.NameSuffix* )>
<!ATTLIST v1.PersonName %Ent.v1.HasRepeating; >
<!ELEMENT v1.Person.NameTitle (#PCDATA )>
<!ATTLIST v1.Person.NameTitle %Ent.v1.Repeating; >
<!ELEMENT v1.Person.GivenName (#PCDATA )>

<!ELEMENT v1.Person.MiddleName (#PCDATA )>
<!ATTLIST v1.Person.MiddleName %Ent.v1.Repeating; >
<!ELEMENT v1.Person.MiddleInitial (#PCDATA )>
<!ATTLIST v1.Person.MiddleInitial %Ent.v1.Repeating; >
<!ELEMENT v1.Person.Surname (#PCDATA )>

<!ELEMENT v1.Person.NameSuffix (#PCDATA )>
<!ATTLIST v1.Person.NameSuffix %Ent.v1.Repeating; >
<!ELEMENT v1.Telephone (v1.Phone.AreaCityCode , v1.Phone.Number )>
<!ATTLIST v1.Telephone CountryAccessCode CDATA #IMPLIED
Extension CDATA #IMPLIED
PIN CDATA #IMPLIED >
<!ELEMENT v1.Phone.AreaCityCode (#PCDATA )>

<!ELEMENT v1.Phone.Number (#PCDATA )>

<!ELEMENT v1.ResourceId (#PCDATA )>
<!ATTLIST v1.ResourceId ResourceContext CDATA #IMPLIED >
<!ELEMENT v1.CompanyCode (#PCDATA )>
<!ATTLIST v1.CompanyCode CodeContext CDATA #IMPLIED >
<!ELEMENT v1.TradingPartner (v1.CompanyCode )>

<!ELEMENT v1.UniqueId (v1.TradingPartner* , v1.ResourceId )>

<!ELEMENT v1.FreeFormName (#PCDATA )>

```

## 1.2 OTA non-version DTD

```

<!-->
<!-->
<!-->
<!-->
<!--OpenTravel Alliance version 1 specification, 7 July 2000, OTA_Nv.dtd-->
<!--Non-versioned messages-->
<!-->
<!--Copyright 2000 OpenTravel Alliance-->
<!-->
<!ELEMENT OTA (StandardError | VersionsSupportedRQ | VersionsSupportedRS )>
<!ATTLIST OTA EchoToken CDATA #IMPLIED
              TimeStamp CDATA #IMPLIED
              Target CDATA 'Production'
              GeoCode CDATA #IMPLIED >
<!ELEMENT StandardError (#PCDATA )>
<!ATTLIST StandardError Status CDATA 'Not-processed'
                        Type CDATA #REQUIRED
                        DocURL CDATA #IMPLIED >
<!ELEMENT VersionsSupportedRQ EMPTY>

<!ELEMENT VersionsSupportedRS (Version+ )>
<!ATTLIST VersionsSupportedRS Success CDATA 'Y' >
<!ELEMENT Version (#PCDATA )>
<!ATTLIST Version XML_Root CDATA #REQUIRED
                  Protocol CDATA #REQUIRED
                  Access CDATA #REQUIRED
                  Params CDATA #IMPLIED
                  DocURL CDATA #IMPLIED >

```



## 2 Additional Update process examples

### 2.1 Add spouse before children as related travelers, add spouse's credit card to forms of payment

#### ReadAll message exchange

```
<?xml version="1.0" ?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:10:00" EchoToken="01239876"
Target="Production"
GeoCode="+4732-12218">
  <v1.Control>
    <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
      <v1.Credential Method="MegaSecure">trewq</v1.Credential>
      <v1.Principal Identity="CompanyPrincipal" />
    </v1.Session>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileReadAllRQ>
      <v1.UniqueId>
        <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
      </v1.UniqueId>
    </v1.CustProfileReadAllRQ>
  </v1.Content>
</OTA_v1>
```

```
<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:10:05" EchoToken="01239876"
Target="Production"
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileReadAllRS Success="Yes">
      <v1.UniqueId>
```

```
<v1.TradingPartner>
  <v1.CompanyCode CodeContext="FedTaxID">654-987123478</v1.CompanyCode>
</v1.TradingPartner>
<v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
</v1.UniqueId>
<v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
  <v1.Customer>
    <v1.Cust.PersonName NameType="Default">
      <v1.PersonName>
        <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
        <v1.Person.GivenName> George </v1.Person.GivenName>
        <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
        <v1.Person.Surname> Smith</v1.Person.Surname>
      </v1.PersonName>
    </v1.Cust.PersonName>
    <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8532</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8698</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.PaymentForm>
      <v1.Cust.Pay.CreditCard CardType="Credit"
        PayFormReferName="WorkMastercard" CardNumber="M:4356 ... 5677"
        CardExpiryDate="2001-12-31">
      </v1.Cust.Pay.CreditCard>
      <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
        PayFormReferName="ConX_Invoice">
        <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
      </v1.Cust.Pay.Direct.CompanyName>
      <v1.Cust.Pay.Direct.Address>
        <v1.Address>
          <v1.Addr.StreetNmbr POBox="4321-01">1200
            Yakima St</v1.Addr.StreetNmbr>
          <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
          <v1.Addr.CityName>Seattle</v1.Addr.CityName>
          <v1.Addr.StateProv PostalCode="98108">WA
```

```
        </v1.Addr.StateProv>
        <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
</v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="0">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-703</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
            <v1.Person.GivenName>Devin</v1.Person.GivenName>
            <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
        </v1.PersonName>
    </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-704</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
            <v1.Person.GivenName>Amy</v1.Person.GivenName>
            <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
        </v1.PersonName>
    </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.CustProfileReadAllRS>
</v1.Content>
</OTA_v1>
```

**Update request message**

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:10:20" EchoToken="01239878"
Target="Production" GeoCode="+4732-12218">
  <v1.Control>
    <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
      <v1.Credential Method="MegaSecure">trewq</v1.Credential>
      <v1.Principal Identity="CompanyPrincipal">
        </v1.Principal>
      </v1.Session>
    </v1.Control>
    <v1.Content>
      <v1.CustProfileUpdateRQ>
        <v1.UniqueId>
          <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
        </v1.UniqueId>
        <v1.Verify>
          <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
            <v1.Customer>
              <v1.Cust.PersonName NameType="Default">
                <v1.PersonName>
                  <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
                  <v1.Person.GivenName> George </v1.Person.GivenName>
                  <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
                  <v1.Person.Surname> Smith</v1.Person.Surname>
                </v1.PersonName>
              </v1.Cust.PersonName>
              <v1.Cust.PaymentForm>
                <v1.Cust.Pay.CreditCard CardType="Credit">
                  PayFormReferName="WorkMastercard" DynSeq="0"
                  CardNumber="M:4356 ... 5677" CardExpiryDate="2001-12-31">
                </v1.Cust.Pay.CreditCard>
                <v1.Cust.Pay.DirectBill DirectBill_Id="323453">
                  PayFormReferName="ConX_Invoice">
                  <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
                  </v1.Cust.Pay.Direct.CompanyName>
                  <v1.Cust.Pay.Direct.Address>
                    <v1.Address>
                      <v1.Addr.StreetNmbr POBox="4321-01">
                        1200 Yakima St</v1.Addr.StreetNmbr>
                      <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
                    </v1.Address>
                  </v1.Cust.Pay.Direct.Address>
                </v1.Cust.Pay.DirectBill>
              </v1.Cust.PaymentForm>
            </v1.Customer>
          </v1.Verify>
        </v1.CustProfileUpdateRQ>
      </v1.Content>
    </v1.Control>
  </OTA_v1>

```

```

    <v1.Addr.CityName>Seattle</v1.Addr.CityName>
    <v1.Addr.StateProv PostalCode="98108">WA
    </v1.Addr.StateProv>
    <v1.Addr.CountryName>USA</v1.Addr.CountryName>
  </v1.Address>
</v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="0">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-703</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
      <v1.Person.GivenName>Devin</v1.Person.GivenName>
      <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-704</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
      <v1.Person.GivenName>Amy</v1.Person.GivenName>
      <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.Verify>
<v1.Insert>
  <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
    <v1.Customer>
      <v1.Cust.PersonName ValidRepeatInd="Yes">
        <v1.PersonName>
          <v1.Person.Surname> Smith</v1.Person.Surname>

```

```

    </v1.PersonName>
  </v1.Cust.PersonName>
  <v1.Cust.PaymentForm>
    <v1.Cust.Pay.CreditCard CardType="Credit "
      PayFormReferName="SpouseVisa" AftDynSeq="0"
      CardNumber="M:2354 ... 5767" CardExpiryDate="2002-12-01">
    </v1.Cust.Pay.CreditCard>
  </v1.Cust.PaymentForm>
  <v1.Cust.RelatedTraveler Relation="Spouse" BefDynSeq="1">
    <v1.UniqueId>
      <v1.ResourceId>7005-548-705</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
      <v1.PersonName>
        <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
        <v1.Person.GivenName>Kristen</v1.Person.GivenName>
        <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
        <v1.Person.Surname>Smith</v1.Person.Surname>
      </v1.PersonName>
    </v1.Cust.Related.PersonName>
  </v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.Insert>
</v1.CustProfileUpdateRQ>
</v1.Content>
</OTA_v1>

```

## Update response message

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:10:25" EchoToken="01239878"
Target="Production"
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileUpdateRS Success="Yes">

```

```

<v1.UniqueId>
  <v1.TradingPartner>
    <v1.CompanyCode CodeContext="FedTaxID">654-987123478</v1.CompanyCode>
  </v1.TradingPartner>
  <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
</v1.UniqueId>
<v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
  <v1.Customer>
    <v1.Cust.PersonName NameType="Default">
      <v1.PersonName>
        <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
        <v1.Person.GivenName> George </v1.Person.GivenName>
        <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
        <v1.Person.Surname> Smith</v1.Person.Surname>
      </v1.PersonName>
    </v1.Cust.PersonName>
    <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8532</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8698</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.PaymentForm>
      <v1.Cust.Pay.CreditCard CardType="Credit"
        PayFormReferName="WorkMastercard" DynSeq="0" CardNumber="M:4356 ...
5677"
        CardExpiryDate="2001-12-31">
      </v1.Cust.Pay.CreditCard>
      <v1.Cust.Pay.CreditCard CardType="Credit"
        PayFormReferName="SpouseVisa" DynSeq="1" CardNumber="M:2354 ... 5677"
        CardExpiryDate="2002-12-01">
      </v1.Cust.Pay.CreditCard>
      <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
        PayFormReferName="ConX_Invoice">
      <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
      </v1.Cust.Pay.Direct.CompanyName>
      <v1.Cust.Pay.Direct.Address>

```

```
<v1.Address>
  <v1.Addr.StreetNmbr POBox="4321-01">1200 Yakima St
  </v1.Addr.StreetNmbr>
  <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
  <v1.Addr.CityName>Seattle</v1.Addr.CityName>
  <v1.Addr.StateProv PostalCode="98108">WA
  </v1.Addr.StateProv>
  <v1.Addr.CountryName>USA</v1.Addr.CountryName>
</v1.Address>
</v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
<v1.Cust.RelatedTraveler Relation="Spouse" DynSeq="0">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-705</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
      <v1.Person.GivenName>Kristen</v1.Person.GivenName>
      <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-703</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
      <v1.Person.GivenName>Devin</v1.Person.GivenName>
      <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="2">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-704</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
```



```

    <v1.PersonName>
      <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
      <v1.Person.GivenName>Amy</v1.Person.GivenName>
      <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.CustProfileUpdateRS>
</v1.Content>
</OTA_v1>

```

## 2.2 Remove direct billing as a form of payment

### ReadAll message exchange

```

<?xml version="1.0" ?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:30:00" EchoToken="01239880"
Target="Production"
GeoCode="+4732-12218">
  <v1.Control>
    <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
      <v1.Credential Method="MegaSecure">trewq</v1.Credential>
      <v1.Principal Identity="CompanyPrincipal" />
    </v1.Session>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileReadAllRQ>
      <v1.UniqueId>
        <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
      </v1.UniqueId>
    </v1.CustProfileReadAllRQ>
  </v1.Content>
</OTA_v1>

```

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:30:05" EchoToken="01239880"
Target="Production"

```

```
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileReadAllRS Success="Yes">
      <v1.UniqueId>
        <v1.TradingPartner>
          <v1.CompanyCode CodeContext="FedTaxID">654-987123478</v1.CompanyCode>
        </v1.TradingPartner>
        <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
      </v1.UniqueId>
      <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
        <v1.Customer>
          <v1.Cust.PersonName NameType="Default">
            <v1.PersonName>
              <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
              <v1.Person.GivenName> George </v1.Person.GivenName>
              <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
              <v1.Person.Surname> Smith</v1.Person.Surname>
            </v1.PersonName>
          </v1.Cust.PersonName>
          <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
            <v1.Telephone>
              <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
              <v1.Phone.Number>813-8532</v1.Phone.Number>
            </v1.Telephone>
          </v1.Cust.Telephone>
          <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
            <v1.Telephone>
              <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
              <v1.Phone.Number>813-8698</v1.Phone.Number>
            </v1.Telephone>
          </v1.Cust.Telephone>
          <v1.Cust.PaymentForm>
            <v1.Cust.Pay.CreditCard CardType="Credit"
              PayFormReferName="WorkMastercard" DynSeq="0" CardNumber="M:4356 ...
5677"
              CardExpiryDate="2001-12-31">
            </v1.Cust.Pay.CreditCard>
          <v1.Cust.Pay.CreditCard CardType="Credit"
```

```

    PayFormReferName="SpouseVisa" DynSeq="1" CardNumber="M:2354 ... 5767"
    CardExpiryDate="2002-12-01">
</v1.Cust.Pay.CreditCard>
<v1.Cust.Pay.DirectBill DirectBill_Id="323453"
    PayFormReferName="ConX_Invoice">
    <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
</v1.Cust.Pay.Direct.CompanyName>
    <v1.Cust.Pay.Direct.Address>
    <v1.Address>
        <v1.Addr.StreetNmbr POBox="4321-01">1200
            Yakima St</v1.Addr.StreetNmbr>
        <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
        <v1.Addr.CityName>Seattle</v1.Addr.CityName>
        <v1.Addr.StateProv PostalCode="98108">WA
            </v1.Addr.StateProv>
        <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
    </v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
<v1.Cust.RelatedTraveler Relation="Spouse" DynSeq="0">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-705</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
            <v1.Person.GivenName>Kristen</v1.Person.GivenName>
            <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
        </v1.PersonName>
    </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-703</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
            <v1.Person.GivenName>Devin</v1.Person.GivenName>
            <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>

```

```

    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="2">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-704</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
      <v1.Person.GivenName>Amy</v1.Person.GivenName>
      <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.CustProfileReadAllRS>
</v1.Content>
</OTA_v1>

```

### Update request message

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:30:20" EchoToken="01239882"
Target="Production"
GeoCode="+4732-12218">
  <v1.Control>
    <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
      <v1.Credential Method="MegaSecure">trewq</v1.Credential>
      <v1.Principal Identity="CompanyPrincipal"/>
    </v1.Session>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileUpdateRQ>
      <v1.UniqueId>
        <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
      </v1.UniqueId>
      <v1.Verify>
        <v1.CustProfile ShareAllMarketInd = "No" ShareAllSynchInd = "Yes">

```

```

<v1.Customer>
  <v1.Cust.PersonName NameType = "Default">
    <v1.PersonName>
      <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
      <v1.Person.GivenName> George </v1.Person.GivenName>
      <v1.Person.MiddleInitial>A. </v1.Person.MiddleInitial>
      <v1.Person.Surname> Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.PersonName>
  <v1.Cust.PaymentForm>
    <v1.Cust.Pay.CreditCard CardType="Credit"
      PayFormReferName="WorkMastercard" DynSeq="0"
      CardNumber="M:4356 ... 5677" CardExpiryDate="2001-12-31">
    </v1.Cust.Pay.CreditCard>
    <v1.Cust.Pay.CreditCard CardType="Credit"
      PayFormReferName="SpouseVisa" DynSeq="1" CardNumber="M:2354 ...
5767"
      CardExpiryDate="2002-12-01">
    </v1.Cust.Pay.CreditCard>
    <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
      PayFormReferName="ConX_Invoice">
    <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
    </v1.Cust.Pay.Direct.CompanyName>
    <v1.Cust.Pay.Direct.Address>
    <v1.Address>
      <v1.Addr.StreetNmbr POBox="4321-01">
        1200 Yakima St</v1.Addr.StreetNmbr>
      <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
      <v1.Addr.CityName>Seattle</v1.Addr.CityName>
      <v1.Addr.StateProv PostalCode="98108">WA
      </v1.Addr.StateProv>
      <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
    </v1.Cust.Pay.Direct.Address>
    </v1.Cust.Pay.DirectBill>
  </v1.Cust.PaymentForm>
</v1.Customer>
</v1.CustProfile>
</v1.Verify>
<v1.Remove>
  <v1.CustProfile ShareAllMarketInd = "No" ShareAllSynchInd = "Yes">
    <v1.Customer>
      <v1.Cust.PersonName ValidRepeatInd = "Yes">

```

```

    <v1.PersonName>
      <v1.Person.Surname> Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.PersonName>
  <v1.Cust.PaymentForm AllChildElements = "Yes">
    <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
      PayFormReferName="ConX_Invoice">
      <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
    </v1.Cust.Pay.Direct.CompanyName>
    <v1.Cust.Pay.Direct.Address>
      <v1.Address>
        <v1.Addr.StreetNmbr POBox="4321-01">1200 Yakima St
      </v1.Addr.StreetNmbr>
      <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
      <v1.Addr.CityName>Seattle</v1.Addr.CityName>
      <v1.Addr.StateProv PostalCode="98108">WA
      </v1.Addr.StateProv>
      <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
  </v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
</v1.Customer>
</v1.CustProfile>
</v1.Remove>
</v1.CustProfileUpdateRQ>
</v1.Content>
</OTA_v1>

```

### Update response message

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:30:25" EchoToken="01239882"
Target="Production"
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
</v1.Content>

```

```

<v1.CustProfileUpdateRS Success="Yes">
  <v1.UniqueId>
    <v1.TradingPartner>
      <v1.CompanyCode CodeContext="FedTaxID">654-987123478</v1.CompanyCode>
    </v1.TradingPartner>
    <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
  </v1.UniqueId>
  <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
    <v1.Customer>
      <v1.Cust.PersonName NameType="Default">
        <v1.PersonName>
          <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
          <v1.Person.GivenName> George </v1.Person.GivenName>
          <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
          <v1.Person.Surname> Smith</v1.Person.Surname>
        </v1.PersonName>
      </v1.Cust.PersonName>
      <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
        <v1.Telephone>
          <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
          <v1.Phone.Number>813-8532</v1.Phone.Number>
        </v1.Telephone>
      </v1.Cust.Telephone>
      <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
        <v1.Telephone>
          <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
          <v1.Phone.Number>813-8698</v1.Phone.Number>
        </v1.Telephone>
      </v1.Cust.Telephone>
      <v1.Cust.PaymentForm>
        <v1.Cust.Pay.CreditCard CardType="Credit"
          PayFormReferName="WorkMastercard" DynSeq="0" CardNumber="M:4356 ...
5677"
          CardExpiryDate="2001-12-31">
        </v1.Cust.Pay.CreditCard>
        <v1.Cust.Pay.CreditCard CardType="Credit"
          PayFormReferName="SpouseVisa" DynSeq="1" CardNumber="M:2354 ... 5677"
          CardExpiryDate="2002-12-01">
        </v1.Cust.Pay.CreditCard>
      </v1.Cust.PaymentForm>
      <v1.Cust.RelatedTraveler Relation="Spouse" DynSeq="0">
        <v1.UniqueId>
          <v1.ResourceId>7005-548-705</v1.ResourceId>

```

```
</v1.UniqueId>
<v1.Cust.Related.PersonName>
  <v1.PersonName>
    <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
    <v1.Person.GivenName>Kristen</v1.Person.GivenName>
    <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
    <v1.Person.Surname>Smith</v1.Person.Surname>
  </v1.PersonName>
</v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-703</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
      <v1.Person.GivenName>Devin</v1.Person.GivenName>
      <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="2">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-704</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
      <v1.Person.GivenName>Amy</v1.Person.GivenName>
      <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.CustProfileUpdateRS>
</v1.Content>
</OTA_v1>
```



### 2.3 Use of all sub-actions: change telephone number, add children and spouse, add spouse's credit card after work credit card, remove direct billing

#### ReadAll message exchange

```
<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:40:00" EchoToken="01239890"
Target="Production"
GeoCode="+4732-12218">
  <v1.Control>
    <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
      <v1.Credential Method="MegaSecure">trewq</v1.Credential>
      <v1.Principal Identity="CompanyPrincipal">
        </v1.Principal>
      </v1.Session>
    </v1.Control>
    <v1.Content>
      <v1.CustProfileReadAllRQ>
        <v1.UniqueId>
          <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
        </v1.UniqueId>
      </v1.CustProfileReadAllRQ>
    </v1.Content>
  </OTA_v1>
```

```
<?xml version ="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:40:10" EchoToken="01239890"
Target="Production"
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileReadAllRS Success="Yes">
      <v1.UniqueId>
```

```
<v1.TradingPartner>
  <v1.CompanyCode CodeContext="FedTaxID">654-987123478
  </v1.CompanyCode>
</v1.TradingPartner>
<v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
</v1.UniqueId>
<v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
  <v1.Customer>
    <v1.Cust.PersonName NameType="Default">
      <v1.PersonName>
        <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
        <v1.Person.GivenName> George </v1.Person.GivenName>
        <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
        <v1.Person.Surname> Smith</v1.Person.Surname>
      </v1.PersonName>
    </v1.Cust.PersonName>
    <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>206</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8532</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
      <v1.Telephone>
        <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
        <v1.Phone.Number>813-8698</v1.Phone.Number>
      </v1.Telephone>
    </v1.Cust.Telephone>
    <v1.Cust.PaymentForm>
      <v1.Cust.Pay.CreditCard CardType="Credit"
        PayFormReferName="WorkMastercard" CardNumber="M:4356 ... 5677"
        CardExpiryDate="2001-12-31">
      </v1.Cust.Pay.CreditCard>
      <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
        PayFormReferName="ConX_Invoice">
        <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
        </v1.Cust.Pay.Direct.CompanyName>
        <v1.Cust.Pay.Direct.Address>
          <v1.Address>
            <v1.Addr.StreetNmbr POBox="4321-01">1200
            Yakima St</v1.Addr.StreetNmbr>
            <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
            <v1.Addr.CityName>Seattle </v1.Addr.CityName>
```

```

        <v1.Addr.StateProv PostalCode="98108">WA
        </v1.Addr.StateProv>
        <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
    </v1.Cust.Pay.Direct.Address>
    </v1.Cust.Pay.DirectBill>
    </v1.Cust.PaymentForm>
    </v1.Customer>
    </v1.CustProfile>
    </v1.CustProfileReadAllRS>
</v1.Content>
</OTA_v1>

```

## Update request message

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:42:30" EchoToken="01239892"
Target="Production"
GeoCode="+4732-12218">
    <v1.Control>
        <v1.Session Identity="ConXTravel Co" URI="http://ota.ConXTravel.com">
            <v1.Credential Method="MegaSecure">trewq</v1.Credential>
            <v1.Principal Identity="CompanyPrincipal">
                </v1.Principal>
            </v1.Session>
        </v1.Control>
    <v1.Content>
        <v1.CustProfileUpdateRQ>
            <v1.UniqueId>
                <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
            </v1.UniqueId>
            <v1.Verify>
                <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
                    <v1.Customer>
                        <v1.Cust.PersonName NameType="Default">
                            <v1.PersonName AllChildElements="Yes">
                                <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
                                <v1.Person.GivenName> George </v1.Person.GivenName>
                                <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
                                <v1.Person.Surname> Smith</v1.Person.Surname>
                            </v1.PersonName>
                        </v1.Cust.PersonName>
                    </v1.Customer>
                </v1.CustProfile>
            </v1.Verify>
        </v1.CustProfileUpdateRQ>
    </v1.Content>
</OTA_v1>

```

```
</v1.Cust.PersonName>
<v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work"
  DynSeq="0">
  <v1.Telephone>
    <v1.Phone.AreaCityCode>206</v1.Phone.AreaCityCode>
    <v1.Phone.Number>813-8532</v1.Phone.Number>
  </v1.Telephone>
</v1.Cust.Telephone>
<v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
  <v1.Telephone>
    <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
    <v1.Phone.Number>813-8698</v1.Phone.Number>
  </v1.Telephone>
</v1.Cust.Telephone>
<v1.Cust.PaymentForm AllChildElements="Yes">
  <v1.Cust.Pay.CreditCard CardType="Credit"
    PayFormReferName="WorkMastercard" DynSeq="0"
    CardNumber="M:4356 ... 5677" CardExpiryDate="2001-12-31">
  </v1.Cust.Pay.CreditCard>
  <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
    PayFormReferName="ConX_Invoice">
    <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
  </v1.Cust.Pay.Direct.CompanyName>
  <v1.Cust.Pay.Direct.Address>
    <v1.Address AllChildElements="Yes">
      <v1.Addr.StreetNmbr POBox="4321-01">1200 Yakima
        St</v1.Addr.StreetNmbr>
      <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
      <v1.Addr.CityName>Seattle</v1.Addr.CityName>
      <v1.Addr.StateProv PostalCode="98108">WA
      </v1.Addr.StateProv>
      <v1.Addr.CountryName>USA</v1.Addr.CountryName>
    </v1.Address>
  </v1.Cust.Pay.Direct.Address>
</v1.Cust.Pay.DirectBill>
</v1.Cust.PaymentForm>
</v1.Customer>
</v1.CustProfile>
</v1.Verify>
<v1.Remove>
  <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
    <v1.Customer>
      <v1.Cust.PersonName ValidRepeatInd="Yes">
```

```

    <v1.PersonName>
      <v1.Person.Surname> Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.PersonName>
  <v1.Cust.PaymentForm AllChildElements="Yes">
    <v1.Cust.Pay.DirectBill DirectBill_Id="323453"
      PayFormReferName="ConX_Invoice">
      <v1.Cust.Pay.Direct.CompanyName>ConXTravel Co
    </v1.Cust.Pay.Direct.CompanyName>
    <v1.Cust.Pay.Direct.Address>
      <v1.Address AllChildElements="Yes">
        <v1.Addr.StreetNmbr POBox="4321-01">1200 Yakima
          St</v1.Addr.StreetNmbr>
        <v1.Addr.BldgRoom>Suite 800</v1.Addr.BldgRoom>
        <v1.Addr.CityName>Seattle</v1.Addr.CityName>
        <v1.Addr.StateProv PostalCode="98108">WA
        </v1.Addr.StateProv>
        <v1.Addr.CountryName>USA</v1.Addr.CountryName>
      </v1.Address>
    </v1.Cust.Pay.Direct.Address>
    </v1.Cust.Pay.DirectBill>
  </v1.Cust.PaymentForm>
</v1.Customer>
</v1.CustProfile>
</v1.Remove>
<v1.Set>
  <v1.CustProfile>
    <v1.Customer>
      <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work"
        DynSeq="0">
        <v1.Telephone>
          <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
          <v1.Phone.Number>813-8532</v1.Phone.Number>
        </v1.Telephone>
      </v1.Cust.Telephone>
    </v1.Customer>
  </v1.CustProfile>
</v1.Set>
<v1.Insert>
  <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
    <v1.Customer>
      <v1.Cust.PersonName ValidRepeatInd="Yes">
        <v1.PersonName>

```

```

    <v1.Person.Surname> Smith</v1.Person.Surname>
  </v1.PersonName>
</v1.Cust.PersonName>
<v1.Cust.PaymentForm AllChildElements="Yes">
  <v1.Cust.Pay.CreditCard CardType="Credit "
    PayFormReferName="SpouseVisa" AftDynSeq="0"
    CardNumber="M:2354 ... 5767" CardExpiryDate="2002-12-01">
  </v1.Cust.Pay.CreditCard>
</v1.Cust.PaymentForm>
</v1.Customer>
</v1.CustProfile>
</v1.Insert>
<v1.Add>
  <v1.CustProfile>
    <v1.Customer>
      <v1.Cust.PersonName ValidRepeatInd="Yes">
        <v1.PersonName>
          <v1.Person.Surname> Smith</v1.Person.Surname>
        </v1.PersonName>
      </v1.Cust.PersonName>
      <v1.Cust.RelatedTraveler Relation="Spouse" DynSeq="0">
        <v1.UniqueId>
          <v1.ResourceId>7005-548-705</v1.ResourceId>
        </v1.UniqueId>
        <v1.Cust.Related.PersonName>
          <v1.PersonName>
            <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
            <v1.Person.GivenName>Kristen</v1.Person.GivenName>
            <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
          </v1.PersonName>
        </v1.Cust.Related.PersonName>
      </v1.Cust.RelatedTraveler>
      <v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
        <v1.UniqueId>
          <v1.ResourceId>7005-548-703</v1.ResourceId>
        </v1.UniqueId>
        <v1.Cust.Related.PersonName>
          <v1.PersonName>
            <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
            <v1.Person.GivenName>Devin</v1.Person.GivenName>
            <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
          </v1.PersonName>
        </v1.Cust.Related.PersonName>
      </v1.Cust.RelatedTraveler>
    </v1.Customer>
  </v1.CustProfile>
</v1.Add>

```

```

    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="2">
  <v1.UniqueId>
    <v1.ResourceId>7005-548-704</v1.ResourceId>
  </v1.UniqueId>
  <v1.Cust.Related.PersonName>
    <v1.PersonName>
      <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
      <v1.Person.GivenName>Amy</v1.Person.GivenName>
      <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
      <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
  </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.Add>
</v1.CustProfileUpdateRQ>
</v1.Content>
</OTA_v1>

```

## Update response message

```

<?xml version="1.0"?>
<!DOCTYPE OTA_v1 SYSTEM "OTA_v1.dtd">
<OTA_v1 Timestamp="2000-11-15T19:42:40" EchoToken="01239892"
Target="Production"
GeoCode="+3018-9742">
  <v1.Control>
    <v1.SendBy Identity="LoneStarAir" URI="http://ota.LoneStarAir.com">
      <v1.Credential Method="JunkYardDog">bvc098cxz</v1.Credential>
    </v1.SendBy>
  </v1.Control>
  <v1.Content>
    <v1.CustProfileUpdateRS Success="Yes">
      <v1.UniqueId>
        <v1.TradingPartner>
          <v1.CompanyCode CodeContext="FedTaxID">654-987123478</v1.CompanyCode>
        </v1.TradingPartner>
      </v1.UniqueId>
    </v1.CustProfileUpdateRS>
  </v1.Content>
</OTA_v1>

```

```

    <v1.ResourceId>XYA3:ConX_Smith/George(0)</v1.ResourceId>
  </v1.UniqueId>
  <v1.CustProfile ShareAllMarketInd="No" ShareAllSynchInd="Yes">
    <v1.Customer>
      <v1.Cust.PersonName NameType="Default">
        <v1.PersonName>
          <v1.Person.NameTitle> Mr. </v1.Person.NameTitle>
          <v1.Person.GivenName> George </v1.Person.GivenName>
          <v1.Person.MiddleInitial> A. </v1.Person.MiddleInitial>
          <v1.Person.Surname> Smith</v1.Person.Surname>
        </v1.PersonName>
      </v1.Cust.PersonName>
      <v1.Cust.Telephone PhoneTech="Voice" PhoneUse="Work" DynSeq="0">
        <v1.Telephone>
          <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
          <v1.Phone.Number>813-8532</v1.Phone.Number>
        </v1.Telephone>
      </v1.Cust.Telephone>
      <v1.Cust.Telephone PhoneTech="Fax" PhoneUse="Work" DynSeq="1">
        <v1.Telephone>
          <v1.Phone.AreaCityCode>253</v1.Phone.AreaCityCode>
          <v1.Phone.Number>813-8698</v1.Phone.Number>
        </v1.Telephone>
      </v1.Cust.Telephone>
      <v1.Cust.PaymentForm>
        <v1.Cust.Pay.CreditCard CardType="Credit"
          PayFormReferName="WorkMastercard" DynSeq="0" CardNumber="M:4356 ...
5677"
          CardExpiryDate="2001-12-31">
        </v1.Cust.Pay.CreditCard>
        <v1.Cust.Pay.CreditCard CardType="Credit"
          PayFormReferName="SpouseVisa" DynSeq="1" CardNumber="M:2354 ... 5677"
          CardExpiryDate="2002-12-01">
        </v1.Cust.Pay.CreditCard>
      </v1.Cust.PaymentForm>
      <v1.Cust.RelatedTraveler Relation="Spouse" DynSeq="0">
        <v1.UniqueId>
          <v1.ResourceId>7005-548-705</v1.ResourceId>
        </v1.UniqueId>
        <v1.Cust.Related.PersonName>
          <v1.PersonName>
            <v1.Person.NameTitle>Mrs.</v1.Person.NameTitle>
            <v1.Person.GivenName>Kristen</v1.Person.GivenName>

```



```
        <v1.Person.MiddleInitial>L.</v1.Person.MiddleInitial>
        <v1.Person.Surname>Smith</v1.Person.Surname>
    </v1.PersonName>
</v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="1">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-703</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Mr.</v1.Person.NameTitle>
            <v1.Person.GivenName>Devin</v1.Person.GivenName>
            <v1.Person.MiddleInitial>R.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
        </v1.PersonName>
    </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
<v1.Cust.RelatedTraveler Relation="Child" DynSeq="2">
    <v1.UniqueId>
        <v1.ResourceId>7005-548-704</v1.ResourceId>
    </v1.UniqueId>
    <v1.Cust.Related.PersonName>
        <v1.PersonName>
            <v1.Person.NameTitle>Ms.</v1.Person.NameTitle>
            <v1.Person.GivenName>Amy</v1.Person.GivenName>
            <v1.Person.MiddleInitial>E.</v1.Person.MiddleInitial>
            <v1.Person.Surname>Smith</v1.Person.Surname>
        </v1.PersonName>
    </v1.Cust.Related.PersonName>
</v1.Cust.RelatedTraveler>
</v1.Customer>
</v1.CustProfile>
</v1.CustProfileUpdateRS>
</v1.Content>
</OTA_v1>
```

### 3 Attribute/element cross reference chart

**Attribute Cross-Reference by Name**

Model Root: OTA\_v1

Tuesday 4-Jul 2000 5:03:56 PM

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
AcctType	Character Data		v1.Cust.Pay.BankAcct	
Action	Name Token Group	Create ReadAll Update Delete	v1.Access.LastAction	
ActionSystemId	Character Data		v1.Access.LastAction	
AddressType	Name Token Group	Delivery Mailing Billing CreditCard	v1.Cust.Contact.Addr v1.Pref.Common.Address v1.Cust.Address	
AftDynSeq	Character Data		v1.Access.Comment v1.Addr.BldgRoom v1.Addr.Line v1.Aff.Empl.InternalRefNmbr v1.Aff.Empl.Loyalty v1.Aff.Empl.RelatedName v1.Aff.Employer v1.Aff.Insur.CompName v1.Aff.Insurace v1.Aff.Organiz.RelatedName v1.Aff.Organiz.TravelSrcvVendorName v1.Aff.Organization v1.Aff.TravelArranger v1.Aff.TravelClub v1.Aff.TrvlArr.Address v1.Aff.TrvlArr.Email v1.Aff.TrvlArr.PersonName v1.Aff.TrvlArr.Phone v1.Aff.TrvlArr.URL v1.Affiliation v1.Cust.Address	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
			v1.Cust.CitizenCountryCode	
			v1.Cust.Contact.Phone	
			v1.Cust.Doc.Limits	
			v1.Cust.Document	
			v1.Cust.Email	
			v1.Cust.EmergencyContact	
			v1.Cust.Loyalty	
			v1.Cust.Pay.Bank.PersonName	
			v1.Cust.Pay.BankAcct	
			v1.Cust.Pay.CreditCard	
			v1.Cust.Pay.DirectBill	
			v1.Cust.PaymentForm	
			v1.Cust.PersonName	
			v1.Cust.PetInfo	
			v1.Cust.PhysChallName	
			v1.Cust.RelatedTraveler	
			v1.Cust.Telephone	
			v1.Cust.URL	
			v1.Person.MiddleInitial	
			v1.Person.MiddleName	
			v1.Person.NameSuffix	
			v1.Person.NameTitle	
			v1.Pref.Air.AirportOriginId	
			v1.Pref.Air.AirportRouteId	
			v1.Pref.Air.Beverage	
			v1.Pref.Air.Cabin	
			v1.Pref.Air.DistribType	
			v1.Pref.Air.EquipType	
			v1.Pref.Air.FareRestriction	
			v1.Pref.Air.FlightType	
			v1.Pref.Air.Loyalty	
			v1.Pref.Air.MealType	
			v1.Pref.Air.MediaEntertain	
			v1.Pref.Air.PaymtForm	
			v1.Pref.Air.PetInfo	
			v1.Pref.Air.SeatLocation	
			v1.Pref.Air.SeatPosition	
			v1.Pref.Air.ServiceClass	
			v1.Pref.Air.SpecRequest	
			v1.Pref.Air.SpecServReq	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
			v1.Pref.Air.VendorId	
			v1.Pref.Airlines	
			v1.Pref.Car.Coverage	
			v1.Pref.Car.Loyalty	
			v1.Pref.Car.PaymentForm	
			v1.Pref.Car.SpecialReq	
			v1.Pref.Car.VendorId	
			v1.Pref.CarRental	
			v1.Pref.Collection	
			v1.Pref.Common.Address	
			v1.Pref.Common.Beverage	
			v1.Pref.Common.FavoriteFood	
			v1.Pref.Common.InterestName	
			v1.Pref.Common.Loyalty	
			v1.Pref.Common.MediaEntertain	
			v1.Pref.Common.PaymentForm	
			v1.Pref.Common.PersonName	
			v1.Pref.Common.PetInfo	
			v1.Pref.Common.Phone	
			v1.Pref.Common.RelatedTrav	
			v1.Pref.Common.SeatDirect	
			v1.Pref.Common.SpecReq	
			v1.Pref.Hotel	
			v1.Pref.Hotel.BedType	
			v1.Pref.Hotel.Beverage	
			v1.Pref.Hotel.BusinessSrc	
			v1.Pref.Hotel.ChainId	
			v1.Pref.Hotel.FavoriteFood	
			v1.Pref.Hotel.FoodSrc	
			v1.Pref.Hotel.LocationType	
			v1.Pref.Hotel.Loyalty	
			v1.Pref.Hotel.MealType	
			v1.Pref.Hotel.MediaEntertain	
			v1.Pref.Hotel.PaymentForm	
			v1.Pref.Hotel.PersonalSrc	
			v1.Pref.Hotel.PetInfo	
			v1.Pref.Hotel.PhysChallFeatr	
			v1.Pref.Hotel.PropAmenity	
			v1.Pref.Hotel.PropertyClass	
			v1.Pref.Hotel.PropertyName	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
AirPassengerType	Character Data		v1.Pref.Hotel.PropertyType v1.Pref.Hotel.RecreSrvc v1.Pref.Hotel.RoomAmenity v1.Pref.Hotel.RoomLocation v1.Pref.Hotel.SecurityFeatr v1.Pref.Hotel.SpecRequest v1.Pref.Other.Loyalty v1.Pref.Other.PaymtForm v1.Pref.Other.SpecRequest v1.Pref.OtherSrvc v1.Pref.Airlines v1.Pref.Airlines	
AirTicketType	Name Token Group	Electronic Paper		
AllChildElements	Name Token Group	Yes No	v1.Access.PersonName v1.Accesses v1.Address v1.Aff.Employer v1.Aff.Organization v1.Aff.TravelArranger v1.Aff.TrvlArr.Address v1.Aff.TrvlArr.PersonName v1.Aff.TrvlArr.Phone v1.Affiliation v1.Cust.Address v1.Cust.Contact.Addr v1.Cust.Contact.PersonName v1.Cust.Contact.Phone v1.Cust.EmergencyContact v1.Cust.Loyal.PersonName v1.Cust.Pay.BankAcct v1.Cust.PaymentForm v1.Cust.PersonName v1.Cust.Related.PersonName v1.Cust.RelatedTraveler v1.Cust.Telephone v1.Customer v1.CustProfile v1.PersonName v1.Pref.Airlines v1.Pref.CarRental	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
BankId	Character Data		v1.Pref.Collection v1.Pref.Common v1.Pref.Common.Address v1.Pref.Common.PersonName v1.Pref.Common.RelatedTrav v1.Pref.Hotel v1.Pref.OtherSrvc v1.Preferences v1.Cust.Pay.BankAcct	
BedType	Character Data		v1.Pref.Hotel.BedType	
BefDynSeq	Character Data		v1.Access.Comment v1.Addr.BldgRoom v1.Addr.Line v1.Aff.Empl.InternalRefNmbr v1.Aff.Empl.Loyalty v1.Aff.Empl.RelatedName v1.Aff.Employer v1.Aff.Insur.CompName v1.Aff.Insurance v1.Aff.Organiz.RelatedName v1.Aff.Organiz.TravelSrvcVendorName v1.Aff.Organization v1.Aff.TravelArranger v1.Aff.TravelClub v1.Aff.TrvlArr.Address v1.Aff.TrvlArr.Email v1.Aff.TrvlArr.PersonName v1.Aff.TrvlArr.Phone v1.Aff.TrvlArr.URL v1.Affiliation v1.Cust.Address v1.Cust.CitizenCountryCode v1.Cust.Contact.Phone v1.Cust.Doc.Limits v1.Cust.Document v1.Cust.Email v1.Cust.EmergencyContact v1.Cust.Loyalty v1.Cust.Pay.Bank.PersonName v1.Cust.Pay.BankAcct	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
			v1.Cust.Pay.CreditCard	
			v1.Cust.Pay.DirectBill	
			v1.Cust.PaymentForm	
			v1.Cust.PersonName	
			v1.Cust.PetInfo	
			v1.Cust.PhysChallName	
			v1.Cust.RelatedTraveler	
			v1.Cust.Telephone	
			v1.Cust.URL	
			v1.Person.MiddleInitial	
			v1.Person.MiddleName	
			v1.Person.NameSuffix	
			v1.Person.NameTitle	
			v1.Pref.Air.AirportOriginId	
			v1.Pref.Air.AirportRouteId	
			v1.Pref.Air.Beverage	
			v1.Pref.Air.Cabin	
			v1.Pref.Air.DistribType	
			v1.Pref.Air.EquipType	
			v1.Pref.Air.FareRestriction	
			v1.Pref.Air.FlightType	
			v1.Pref.Air.Loyalty	
			v1.Pref.Air.MealType	
			v1.Pref.Air.MediaEntertain	
			v1.Pref.Air.PaymtForm	
			v1.Pref.Air.PetInfo	
			v1.Pref.Air.SeatLocation	
			v1.Pref.Air.SeatPosition	
			v1.Pref.Air.ServiceClass	
			v1.Pref.Air.SpecRequest	
			v1.Pref.Air.SpecServReq	
			v1.Pref.Air.VendorId	
			v1.Pref.Airlines	
			v1.Pref.Car.Coverage	
			v1.Pref.Car.Loyalty	
			v1.Pref.Car.PaymtForm	
			v1.Pref.Car.SpecialReq	
			v1.Pref.Car.VendorId	
			v1.Pref.CarRental	
			v1.Pref.Collection	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
			v1.Pref.Common.Address	
			v1.Pref.Common.Beverage	
			v1.Pref.Common.FavoriteFood	
			v1.Pref.Common.InterestName	
			v1.Pref.Common.Loyalty	
			v1.Pref.Common.MediaEntertain	
			v1.Pref.Common.PaymtForm	
			v1.Pref.Common.PersonName	
			v1.Pref.Common.PetInfo	
			v1.Pref.Common.Phone	
			v1.Pref.Common.RelatedTrav	
			v1.Pref.Common.SeatDirect	
			v1.Pref.Common.SpecReq	
			v1.Pref.Hotel	
			v1.Pref.Hotel.BedType	
			v1.Pref.Hotel.Beverage	
			v1.Pref.Hotel.BusinessSrcv	
			v1.Pref.Hotel.ChainId	
			v1.Pref.Hotel.FavoriteFood	
			v1.Pref.Hotel.FoodSrcv	
			v1.Pref.Hotel.LocationType	
			v1.Pref.Hotel.Loyalty	
			v1.Pref.Hotel.MealType	
			v1.Pref.Hotel.MediaEntertain	
			v1.Pref.Hotel.PaymtForm	
			v1.Pref.Hotel.PersonalSrcv	
			v1.Pref.Hotel.PetInfo	
			v1.Pref.Hotel.PhysChallFeatr	
			v1.Pref.Hotel.PropAmenity	
			v1.Pref.Hotel.PropertyClass	
			v1.Pref.Hotel.PropertyName	
			v1.Pref.Hotel.PropertyType	
			v1.Pref.Hotel.RecreSrcv	
			v1.Pref.Hotel.RoomAmenity	
			v1.Pref.Hotel.RoomLocation	
			v1.Pref.Hotel.SecurityFeatr	
			v1.Pref.Hotel.SpecRequest	
			v1.Pref.Other.Loyalty	
			v1.Pref.Other.PaymtForm	
			v1.Pref.Other.SpecRequest	



<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
BirthDate	Character Data		v1.Pref.OtherSrvc v1.Cust.Document v1.Customer	
BusinessSrvc	Character Data		v1.Pref.Hotel.BusinessSrvc	
CabinType	Character Data		v1.Pref.Air.Cabin	
CardExpiryDate	Character Data		v1.Cust.Pay.CreditCard	
CardNumber	Character Data		v1.Cust.Pay.CreditCard	
CardType	Name Token Group	Credit Debit CentralBill	v1.Cust.Pay.CreditCard	
CarRenterType	Character Data		v1.Pref.CarRental	
CarSpecialReq	Character Data		v1.Pref.Car.SpecialReq	
ChallEquip	Character Data		v1.Pref.Car.PhysChallEquip	
ChildSeatType	Character Data		v1.Pref.Car.ChildSeat	
CodeContext	Character Data		v1.CompanyCode v1.Cust.Pay.CreditCard	
ContactType	Character Data		v1.Cust.Address v1.Cust.Telephone v1.Pref.Common.Address v1.Pref.Common.Phone	
CostCenterId	Character Data		v1.Cust.PaymentForm	
CountryAccessCode	Character Data		v1.Telephone	
CountryCode	Character Data		v1.Addr.CountryName	
CoverageCode	Character Data		v1.Pref.Car.Coverage	
CoverageType	Character Data		v1.Pref.Car.Coverage	
CreateDate	Character Data		v1.Accesses	
CreateTime	Character Data		v1.Accesses	
Currency	Character Data		v1.Customer	
Deceased	Name Token Group	Yes No	v1.Customer	
DefaultInd	Name Token Group	Yes No	v1.Aff.Employer v1.Aff.Organization v1.Aff.TrvlArranger v1.Aff.TrvlArr.Address v1.Aff.TrvlArr.Email v1.Aff.TrvlArr.PersonName v1.Aff.TrvlArr.URL v1.Cust.Address v1.Cust.CitizenCountryCode v1.Cust.Email	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
DirectBill_Id	Character Data		v1.Cust.EmergencyContact	
DistribType	Character Data		v1.Cust.Pay.BankAcct	
DocId	Character Data		v1.Cust.Pay.CreditCard	
DocType	Character Data		v1.Cust.Pay.DirectBill	
DocURL	Character Data		v1.Cust.PersonName	
DynSeq	Character Data		v1.Cust.Telephone	
			v1.Cust.URL	
			v1.Cust.Pay.DirectBill	
			v1.Pref.Air.DistribType	
			v1.Cust.Document	
			v1.Cust.Document	
			v1.StandardError	
			v1.Access.Comment	
			v1.Addr.BldgRoom	
			v1.Addr.Line	
			v1.Aff.Empl.InternalRefNbr	
			v1.Aff.Empl.Loyalty	
			v1.Aff.Empl.RelatedName	
			v1.Aff.Employer	
			v1.Aff.Insur.CompName	
			v1.Aff.Insurance	
			v1.Aff.Organiz.RelatedName	
			v1.Aff.Organiz.TravelSrvcVendorName	
			v1.Aff.Organization	
			v1.Aff.TravelArranger	
			v1.Aff.TravelClub	
			v1.Aff.TrvlArr.Address	
			v1.Aff.TrvlArr.Email	
			v1.Aff.TrvlArr.PersonName	
			v1.Aff.TrvlArr.Phone	
			v1.Aff.TrvlArr.URL	
			v1.Affiliation	
			v1.Cust.Address	
			v1.Cust.CitizenCountryCode	
			v1.Cust.Contact.Phone	
			v1.Cust.Doc.Limits	
			v1.Cust.Document	
			v1.Cust.Email	
			v1.Cust.EmergencyContact	
			v1.Cust.Loyalty	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
			v1.Cust.Pay.Bank.PersonName	
			v1.Cust.Pay.BankAcct	
			v1.Cust.Pay.CreditCard	
			v1.Cust.Pay.DirectBill	
			v1.Cust.PaymentForm	
			v1.Cust.PersonName	
			v1.Cust.PetInfo	
			v1.Cust.PhysChallName	
			v1.Cust.RelatedTraveler	
			v1.Cust.Telephone	
			v1.Cust.URL	
			v1.Person.MiddleInitial	
			v1.Person.MiddleName	
			v1.Person.NameSuffix	
			v1.Person.NameTitle	
			v1.Pref.Air.AirportOriginId	
			v1.Pref.Air.AirportRouteId	
			v1.Pref.Air.Beverage	
			v1.Pref.Air.Cabin	
			v1.Pref.Air.DistribType	
			v1.Pref.Air.EquipType	
			v1.Pref.Air.FareRestriction	
			v1.Pref.Air.FlightType	
			v1.Pref.Air.Loyalty	
			v1.Pref.Air.MealType	
			v1.Pref.Air.MediaEntertain	
			v1.Pref.Air.PaymtForm	
			v1.Pref.Air.PetInfo	
			v1.Pref.Air.SeatLocation	
			v1.Pref.Air.SeatPosition	
			v1.Pref.Air.ServiceClass	
			v1.Pref.Air.SpecRequest	
			v1.Pref.Air.SpecServReq	
			v1.Pref.Air.VendorId	
			v1.Pref.Airlines	
			v1.Pref.Car.Coverage	
			v1.Pref.Car.Loyalty	
			v1.Pref.Car.PaymtForm	
			v1.Pref.Car.PhysChallEquip	
			v1.Pref.Car.SpecialReq	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
			v1.Pref.Car.VehicleClass	
			v1.Pref.Car.VehicleType	
			v1.Pref.Car.VendorId	
			v1.Pref.CarRental	
			v1.Pref.Collection	
			v1.Pref.Common.Address	
			v1.Pref.Common.Beverage	
			v1.Pref.Common.FavoriteFood	
			v1.Pref.Common.InterestName	
			v1.Pref.Common.Loyalty	
			v1.Pref.Common.MediaEntertain	
			v1.Pref.Common.PaymtForm	
			v1.Pref.Common.PersonName	
			v1.Pref.Common.PetInfo	
			v1.Pref.Common.Phone	
			v1.Pref.Common.RelatedTrav	
			v1.Pref.Common.SeatDirect	
			v1.Pref.Common.SpecReq	
			v1.Pref.Hotel	
			v1.Pref.Hotel.BedType	
			v1.Pref.Hotel.Beverage	
			v1.Pref.Hotel.BusinessSrcv	
			v1.Pref.Hotel.ChainId	
			v1.Pref.Hotel.FavoriteFood	
			v1.Pref.Hotel.FoodSrcv	
			v1.Pref.Hotel.LocationType	
			v1.Pref.Hotel.Loyalty	
			v1.Pref.Hotel.MealType	
			v1.Pref.Hotel.MediaEntertain	
			v1.Pref.Hotel.PaymtForm	
			v1.Pref.Hotel.PersonalSrcv	
			v1.Pref.Hotel.PetInfo	
			v1.Pref.Hotel.PhysChallFeatr	
			v1.Pref.Hotel.PropAmenity	
			v1.Pref.Hotel.PropertyClass	
			v1.Pref.Hotel.PropertyName	
			v1.Pref.Hotel.PropertyType	
			v1.Pref.Hotel.RecreSrcv	
			v1.Pref.Hotel.RoomAmenity	
			v1.Pref.Hotel.RoomLocation	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
			v1.Pref.Hotel.SecurityFeatr v1.Pref.Hotel.SpecRequest v1.Pref.Other.Loyalty v1.Pref.Other.PaymtForm v1.Pref.Other.SpecRequest v1.Pref.OtherSrcv OTA_v1	
EchoToken	Character Data		OTA_v1	
EffectDate	Character Data		v1.Aff.Insurance v1.Cust.Document	
Email	Character Data		v1.Cust.EmergencyContact	
EmailReferName	Character Data		v1.Cust.Email	
EmployeeStatus	Character Data		v1.Aff.Employer	
ErrType	Name Token Group	Unknown NoImplementation BizRule Authentication AuthenticationTimeout Authorization ProtocolViolation TransactionModel AuthenticationModel ReqFieldMissing	v1.StandardError	
ExpiryDate	Character Data		v1.Aff.Employer v1.Aff.Insurance v1.Aff.Organization v1.Aff.TravelClub v1.Cust.Document	
Extension	Character Data		v1.Telephone	
FareRestrict	Character Data		v1.Pref.Air.FareRestriction	
FlightType	Character Data		v1.Pref.Air.FlightType	
FoodSrcv	Character Data		v1.Pref.Hotel.FoodSrcv	
Gender	Name Token Group	Male Female	v1.Cust.Document v1.Customer	
GeoCode	Character Data		OTA_v1	
HotelGuestType	Character Data		v1.Pref.Hotel	
Identity	Character Data		v1.Principal v1.SendBy v1.Session	
InsuranceType	Character Data		v1.Aff.Insurance	
Language	Character Data		v1.Pref.Common	

<b>Attribute Name</b>	<b>Type</b>	<b>Allowable Values</b>	<b>Used in Element Name</b>	<b>Default</b>
LastActionDate	Character Data		v1.Access.LastAction	
LastActionTime	Character Data		v1.Access.LastAction	
LocationType	Character Data		v1.Pref.Hotel.LocationType	
LockoutType	Character Data		v1.Customer	
LoyalLevel	Character Data		v1.Cust.Loyalty	
Method	Character Data		v1.Credential	
NameType	Character Data		v1.EncryptedContent	
			v1.Cust.PersonName	
			v1.Cust.Related.PersonName	
			v1.Pref.Common.PersonName	
OfficeType	Character Data		v1.Aff.Employer	
			v1.Aff.Organization	
OtherServiceType	Character Data		v1.Pref.OtherSrvc	
PayFormReferName	Character Data		v1.Cust.Pay.BankAcct	
			v1.Cust.Pay.CreditCard	
			v1.Cust.Pay.DirectBill	
			v1.Pref.Air.PaymtForm	
			v1.Pref.Car.PaymtForm	
			v1.Pref.Common.PaymtForm	
			v1.Pref.Hotel.PaymtForm	
			v1.Pref.Other.PaymtForm	
PersonalSrvc	Character Data		v1.Pref.Hotel.PersonalSrvc	
PersonId	Character Data		v1.Aff.Club.PersonName	
			v1.Aff.Employer	
			v1.Aff.Organization	
			v1.Cust.Loyal.PersonName	
PhoneTech	Character Data		v1.Aff.TrvlArr.Phone	
			v1.Cust.Contact.Phone	
			v1.Cust.Telephone	
			v1.Pref.Common.Phone	
PhoneUse	Character Data		v1.Aff.TrvlArr.Phone	
			v1.Cust.Contact.Phone	
			v1.Cust.Telephone	
			v1.Pref.Common.Phone	
PhysChallFeatr	Character Data		v1.Pref.Hotel.PhysChallFeatr	
PIN	Character Data		v1.Telephone	
POBox	Character Data		v1.Addr.StreetNmbr	
PolicyNumber	Character Data		v1.Aff.Insurace	
PostalCode	Character Data		v1.Addr.StateProv	
PreferLevel	Name Token Group	Only	v1.Aff.Empl.Loyalty	

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
		Unacceptable	v1.Aff.Insurance v1.Cust.Pay.BankAcct v1.Cust.Pay.CreditCard v1.Cust.Pay.DirectBill v1.Pref.Air.AirportOriginId v1.Pref.Air.AirportRouteId v1.Pref.Air.Beverage v1.Pref.Air.Cabin v1.Pref.Air.DistribType v1.Pref.Air.EquipType v1.Pref.Air.FareRestriction v1.Pref.Air.FlightType v1.Pref.Air.Loyalty v1.Pref.Air.MealType v1.Pref.Air.MediaEntertain v1.Pref.Air.PaymtForm v1.Pref.Air.PetInfo v1.Pref.Air.SeatLocation v1.Pref.Air.SeatPosition v1.Pref.Air.ServiceClass v1.Pref.Air.SpecRequest v1.Pref.Air.SpecServReq v1.Pref.Air.VendorId v1.Pref.Airlines v1.Pref.Car.Loyalty v1.Pref.Car.PaymtForm v1.Pref.Car.PhysChallEquip v1.Pref.Car.VehicleClass v1.Pref.Car.VehicleType v1.Pref.Car.VendorId v1.Pref.CarRental v1.Pref.Common.Beverage v1.Pref.Common.FavoriteFood v1.Pref.Common.InterestName v1.Pref.Common.Loyalty v1.Pref.Common.MealType v1.Pref.Common.MediaEntertain v1.Pref.Common.PaymtForm v1.Pref.Common.PetInfo v1.Pref.Common.SeatDirect	

<u>Attribute Name</u>	<u>Type</u>	<u>Allowable Values</u>	<u>Used in Element Name</u>	<u>Default</u>
			v1.Pref.Common.SpecReq	
			v1.Pref.Hotel	
			v1.Pref.Hotel.BedType	
			v1.Pref.Hotel.Beverage	
			v1.Pref.Hotel.BusinessSrcv	
			v1.Pref.Hotel.ChainId	
			v1.Pref.Hotel.FavoriteFood	
			v1.Pref.Hotel.FoodSrcv	
			v1.Pref.Hotel.LocationType	
			v1.Pref.Hotel.Loyalty	
			v1.Pref.Hotel.MealType	
			v1.Pref.Hotel.MediaEntertain	
			v1.Pref.Hotel.PaymtForm	
			v1.Pref.Hotel.PersonalSrcv	
			v1.Pref.Hotel.PetInfo	
			v1.Pref.Hotel.PhysChallFeatr	
			v1.Pref.Hotel.PropAmenity	
			v1.Pref.Hotel.PropertyClass	
			v1.Pref.Hotel.PropertyName	
			v1.Pref.Hotel.PropertyType	
			v1.Pref.Hotel.RecreSrcv	
			v1.Pref.Hotel.RoomAmenity	
			v1.Pref.Hotel.RoomLocation	
			v1.Pref.Hotel.SecurityFeatr	
			v1.Pref.Hotel.SpecRequest	
			v1.Pref.Other.Loyalty	
			v1.Pref.Other.PaymtForm	
			v1.Pref.Other.SpecRequest	
			v1.Pref.OtherSrcv	
PropAmenity	Character Data		v1.Pref.Hotel.PropAmenity	
PropertyClass	Character Data		v1.Pref.Hotel.PropertyClass	
PropertyType	Character Data		v1.Pref.Hotel.PropertyType	
Quantity	Character Data		v1.Pref.Car.ChildSeat	
RatePlan	Character Data		v1.Pref.Hotel	
RecreSrcv	Character Data		v1.Pref.Hotel.RecreSrcv	
RelatedServerId	Character Data		v1.Cust.RelatedTraveler	
Relation	Character Data		v1.Pref.Common.RelatedTrav	
			v1.Cust.Contact.PersonName	
			v1.Cust.EmergencyContact	
			v1.Cust.RelatedTraveler	



<b>Attribute Name</b>	<b>Type</b>	<b>Allowable Values</b>	<b>Used in Element Name</b>	<b>Default</b>
ResourceContext	Character Data		v1.Resourcecld	
RoomAmenity	Character Data		v1.Pref.Hotel.RoomAmenity	
RoomLocation	Character Data		v1.Pref.Hotel.RoomLocation	
SeatDirect	Character Data		v1.Pref.Common.SeatDirect	
SeatLocat	Character Data		v1.Pref.Air.SeatLocation	
SeatRow	Character Data		v1.Pref.Air.SeatPosition	
SecurityFeatr	Character Data		v1.Pref.Hotel.SecurityFeatr	
SeriesCode	Character Data		v1.Cust.Pay.CreditCard	
ShareAllMarketInd	Name Token Group	Yes No	v1.CustProfile	No
ShareAllSynchInd	Name Token Group	Yes No	v1.CustProfile	No
ShareMarketInd	Name Token Group	Yes No Inherit	v1.Accesses v1.Aff.Employer v1.Aff.Organization v1.Aff.TravelArranger v1.Aff.TravelClub v1.Affiliation v1.Cust.Address v1.Cust.Document v1.Cust.EmergencyContact v1.Cust.Loyalty v1.Cust.Pay.BankAcct v1.Cust.Pay.CreditCard v1.Cust.Pay.DirectBill v1.Cust.PaymentForm v1.Cust.PersonName v1.Cust.RelatedTraveler v1.Cust.Telephone v1.Customer v1.Pref.Airlines v1.Pref.Car.Coverage v1.Pref.CarRental v1.Pref.Collection v1.Pref.Common v1.Pref.Common.Address v1.Pref.Common.PersonName v1.Pref.Common.Phone v1.Pref.Hotel v1.Pref.OtherSrcv	Inherit

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
ShareSynchInd	Name Token Group	Yes No Inherit	v1.Preferences v1.Accesses v1.Aff.Employer v1.Aff.Organization v1.Aff.TravelArranger v1.Aff.TravelClub v1.Affiliation v1.Cust.Address v1.Cust.Document v1.Cust.EmergencyContact v1.Cust.Loyalty v1.Cust.Pay.BankAcct v1.Cust.Pay.CreditCard v1.Cust.Pay.DirectBill v1.Cust.PaymentForm v1.Cust.PersonName v1.Cust.RelatedTraveler v1.Cust.Telephone v1.Customer v1.Pref.Airlines v1.Pref.Car.Coverage v1.Pref.CarRental v1.Pref.Collection v1.Pref.Common v1.Pref.Common.Address v1.Pref.Common.PersonName v1.Pref.Common.Phone v1.Pref.Hotel v1.Pref.OtherSrvc v1.Preferences v1.Cust.Loyalty	Inherit
SingleVendorInd	Name Token Group	SingleVndr Alliance		
SmokingInd	Name Token Group	Yes No	v1.Pref.Airlines v1.Pref.CarRental v1.Pref.Common v1.Pref.Hotel	
SSR_OSI Status	Character Data Character Data		v1.Pref.Air.SpecServReq v1.StandardError	
Success	Name Token Group	Yes No	v1.CustProfileCreateRS v1.CustProfileDeleteRS	Yes

<b><u>Attribute Name</u></b>	<b><u>Type</u></b>	<b><u>Allowable Values</u></b>	<b><u>Used in Element Name</u></b>	<b><u>Default</u></b>
Target	Character Data	Part	v1.CustProfileReadAllRS v1.CustProfileUpdateRS	
TicketTime	Character Data		OTA_v1 v1.Pref.Airlines v1.Pref.CarRental v1.Pref.Common v1.Pref.Hotel v1.Pref.OtherSrvc	
Timestamp	Character Data		OTA_v1	
TravelArrangerType	Character Data		v1.Aff.TravelArranger	
TravelType	Character Data		v1.Pref.Collection	
URI	Character Data		v1.Principal v1.SendBy v1.Session	
URL	Character Data		v1.Cust.EmergencyContact	
ValidRepeatInd	Name Token Group	Yes No	v1.Cust.Email v1.Cust.PersonName v1.Cust.Telephone	
VehicleClass	Character Data		v1.Pref.Car.VehicleClass	
VehicleType	Character Data		v1.Pref.Car.VehicleType	

## **4 Additional hotel attributes**

### **4.1 Hotel property amenities (HotelPropAmenity)**

Air Conditioning

Airline Desk

Airport Shuttle

Babysitting/Childcare

Business Center

Car Rental

Childrens Services and facilities

Concierge/ Club

Floors

Concierge Services

Copy Service

Complimentary Breakfast,

Coffee,

Currency Exchange

Elevator

Exhibition Space

Express Check-Out

24-hour front desk

Garage

Gift Shop/Newsstand

24-hour Front Desk

Free Parking

Self Parking

Valet Parking

Indoor Parking Lot,

Outdoor Parking Lot,

Medical Facilities

Newspapers

Non Smoking Rooms

Parking Lot

Shops/Commercial Services

Safe Deposit Box-Front Desk

Translation Services

24-hour Room Service

Room service - limited hours

Room Service - full menu

Room Service - Limited Menu

Post/Parcel Service

## 4.2 Hotel room amenities

Add'l closet for hanging garments	Dataport or RJ11 phone jack in room	Printer
Air conditioning in room	Direct dial in room	Private bath in room
Alarm clock in room	Desk	Radio in room
Balcony	Double glazed windows	Refrigerator in room
Bathrobe in room	Down/feather pillows	Remote control TV in room
Bathroom shared	Fax in room	Shower stall
Bathroom amenities	Fireplace in room	Safe in room
Bathtub -Jazucci tub	Foam pillows	Sauna
Jazucci/hot tub separate	Full kitchen in room	Steambath
Bathtub-oversized	Hair dryer in room	Shoe polisher
Bathtub/shower	Handicapped facilities	Sofabed/rollaway/Z-Bed
Bidet	Hearing impaired services	Smoke detector
Butler Service	High ceiling	Soundproofed
Cable tv in room	Ironing board in room	Speaker phone
CD Player	Internet access	Stereo system
Ceiling Fan	International direct dial	Tables/chairs
Clothes Press	Iron/ironing board	Two line phone in room
Clock radio	Lanai	Turndown service
CNN or other new in room	Long-distance access	VCR
Coffee maker/tea	Marble bathroom	Voicemail
Color TV in room	Microwave	Walk-in Wardrobe
Copier	Minibar in room	Weight scale
Desk	Movies in room	Wet bar
	Newspaper	Work desk with lamp in room
	Phone in bathroom	

### 4.3 Hotel recreation services (HotelRecreSrvc)

Beach  
Bicycling  
Billiards/Snooker  
Casino  
Children's activities  
Cardio Vascular  
Communal Bar Area  
Cricket  
Equipment  
Fishing  
Game Viewing/Safari  
Golf  
Jogging Track  
Extensive health Club  
Limited Health Club  
Health spa/massage  
Hiking  
Horseback riding  
Hunting  
Karaoke  
Mountain Biking  
Museums/Galleries  
Nature preserves/trails

Indoor Pool  
Outdoor Pool  
Raquetball  
Scuba  
Surfing  
Sailing/Boating  
Swimming  
Snorkeling  
Snow skiing  
Solarium  
Sauna  
Squash  
Table Tennis  
Tennis  
Tour bus  
Theater  
Volleyball  
Water sports  
Winter sports  
Wine tasing  
Weightlifting equip  
Whirlpool

#### 4.4 Hotel security features (HotelSecurFeatr)

24 Hour Security

Alarms have Strobe Lights

Audible Alarms

Auto Recall Elevators

Automatic Fire Doors

Balconies accessible by adjoining rooms

Emergency Evacuation Drill Frequency

Emergency Evacuation Plan

Emergency Info in Rooms

Emergency Lighting

Exit Map in Rooms

Exit Sign Lit

Fire Detectors in Hall

Fire Detectors in Public Areas

Fire Detectors in Rooms

First Aid Available

Guest room doors have View Port

Meets Fire Safety Codes

Multiple Fire Exits on Each Floor

Parking Area Patrolled

Parking Area Well Lit

Parking attendant

Public Address System

Room door has deadbolts

Room Windows Open

Secondary locks on windows

Secured Floors

Separate Floors for Women

Sliding glass door has secondary locks

Smoke Alarm in Halls

Smoke Alarm in Public Areas

Smoke Alarm in Rooms

Smoke Alarms Hard Wired

Sprinkler in Public Areas

Sprinkler in Rooms

Sprinklers in Halls

Staff Trained in CPR

Staff Trained in Duplicate Key Issuance

Staff Trained in First Aid

Uniformed Security on Premises

Ventilation

## **5 Excerpts from Standard for Internet Commerce, version 1.0, 14 December 1999**

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### 4.4 Privacy & Security

#### 4.4.1 Disclosure of Merchant's Privacy Policy

As a minimum acceptable standard, the merchant shall provide at least the following information on their privacy policies:

- What customer information is gathered by the merchant and where it is gathered
- The purposes the merchant uses the customer data for
- Whether the merchant provides customer data to third parties and under what circumstances
- Whether the receipt of customer data is an integrated part of the merchant's business model such as in the case of a targeted marketing service such as couponing, an incentive program, or targeted e-mail service
- Whether customers have the opportunity to limit the use of their personal information (Opt in/Opt out) and how they can do so

This corresponds with the "standard" privacy policy information as defined by groups such as TRUSTe.

#### 4.4.2 Access to Merchant's Privacy Policy

As a minimum acceptable standard, the merchant shall provide access to its privacy policy via a "Privacy" link:

- On the merchant's home page
- On the merchant's Information Center

Easy access to privacy policy provides better disclosure and helps build customer trust and confidence.



#### 4.4.3 Customer Choice: Use of Personal Data by the Merchant

Merchants shall provide the customer with the ability to choose that the customer's personal information will not be used by the merchant to send the customer unsolicited materials and the choice will be provided at least at the time the customer's data is initially gathered

This is a minimum acceptable standard.

Providing the customer control over receipt of unsolicited materials can strengthen the relationship between merchant and customer. When it is the customer's choice to receive materials, readership increases, and customers have a more positive perception of the merchant. Requiring that merchants allow customers to change their choice may place a burden on the merchant, even though such a practice is desirable.

#### 4.4.4 Customer Choice: Use of Personal Data by Third Parties

Merchants shall provide the customer with the ability to choose that the customer's personal information will not be provided by the merchant to third parties and the choice will be provided at least at the time the customer's data is initially gathered.

This is a minimum acceptable standard.

Providing the customer control over the sale or use of their personal data can strengthen the relationship between customer and merchant. Merchants will always be required to comply with relevant laws that may be more restrictive than the policies specified by The Standard for Internet Commerce.

#### 4.4.5 Disclosure of Third-Party Privacy and Security Policies

In the merchant's Information Center and Privacy Policy description, the merchant shall provide links to the privacy and security policies of their relevant third parties (e.g., shopping cart and payment gateway services) when those third parties have privacy and security policies that are different from the merchant's.

This is a minimum acceptable standard.

## 6 RFC 2119

Network Working Group  
Request for Comments: 2119  
BCP: 14  
Category: Best Current Practice

S. Bradner  
Harvard University  
March 1997

Key words for use in RFCs to Indicate Requirement Levels

Status of this Memo

This document specifies an Internet Best Current Practices for the Internet Community, and requests discussion and suggestions for improvements. Distribution of this memo is unlimited.

Abstract

In many standards track documents several words are used to signify the requirements in the specification. These words are often capitalized. This document defines these words as they should be interpreted in IETF documents. Authors who follow these guidelines should incorporate this phrase near the beginning of their document:

The key words "MUST", "MUST NOT", "REQUIRED", "SHALL", "SHALL NOT", "SHOULD", "SHOULD NOT", "RECOMMENDED", "MAY", and "OPTIONAL" in this document are to be interpreted as described in RFC 2119.

Note that the force of these words is modified by the requirement level of the document in which they are used.

1. **MUST** This word, or the terms "REQUIRED" or "SHALL", mean that the definition is an absolute requirement of the specification.
2. **MUST NOT** This phrase, or the phrase "SHALL NOT", mean that the definition is an absolute prohibition of the specification.

3. **SHOULD** This word, or the adjective "RECOMMENDED", mean that there may exist valid reasons in particular circumstances to ignore a particular item, but the full implications must be understood and carefully weighed before choosing a different course.
4. **SHOULD NOT** This phrase, or the phrase "NOT RECOMMENDED" mean that there may exist valid reasons in particular circumstances when the particular behavior is acceptable or even useful, but the full implications should be understood and the case carefully weighed before implementing any behavior described with this label.
5. **MAY** This word, or the adjective "OPTIONAL", mean that an item is truly optional. One vendor may choose to include the item because a particular marketplace requires it or because the vendor feels that it enhances the product while another vendor may omit the same item. An implementation which does not include a particular option **MUST** be prepared to interoperate with another implementation which does include the option, though perhaps with reduced functionality. In the same vein an implementation which does include a particular option **MUST** be prepared to interoperate with another implementation which does not include the option (except, of course, for the feature the option provides.)

#### 6. Guidance in the use of these Imperatives

Imperatives of the type defined in this memo must be used with care and sparingly. In particular, they **MUST** only be used where it is actually required for interoperation or to limit behavior which has potential for causing harm (e.g., limiting retransmissions) For example, they must not be used to try to impose a particular method on implementors where the method is not required for interoperability.

## 7. Security Considerations

These terms are frequently used to specify behavior with security implications. The effects on security of not implementing a **MUST** or **SHOULD**, or doing something the specification says **MUST NOT** or **SHOULD NOT** be done may be very subtle. Document authors should take the time to elaborate the security implications of not following recommendations or requirements as most implementors will not have had the benefit of the experience and discussion that produced the specification.

## 8. Acknowledgments

The definitions of these terms are an amalgam of definitions taken from a number of RFCs. In addition, suggestions have been incorporated from a number of people including Robert Ullmann, Thomas Narten, Neal McBurnett, and Robert Elz.

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## **8 Change log**

### **8.1 Final specification**

#### **DTDs**

Add element Pref.Common.SeatDirect to common preferences

Add attribute SeatDirect to element Pref.Common.SeatDirect

Changed occurrence of Address.BldgRoom to repeating, added Ent.v1.Repeating attributes

Converted v1.Cust.CurrencyCode to Currency as an attribute of v1.Customer

Converted Cust.DocId element to DocId attribute

Converted Cust.Pay.Card.Number, Cust.Pay.Card.ExpiryDate, and Cust.Pay.Card.SeriesCode elements to attributes CardNumber, CarExpiryDate, and SeriesCode of element Cust.Pay.CreditCard

Created new element FreeFormName

Created new Ent.v1.NameOrCode, with content model as a choice between v1.CompanyCode or v1.FreeFormName

Replaced mixed (element and text) content model with Ent.v1.NameOrCode in the following elements: Pref.Common.Loyalty, Pref.Car.Loyalty, Pref.Car.VendorId, Pref.Hotel.Loyalty, Pref.Hotel.ChainId, Pref.Other.Loyalty, v1.Aff.Organiz.TravelSrvVendorName, v1.Aff.Empl.Loyalty, v1.Aff.TrvlArr.CompName, v1.Aff.Club.ProgramName

Added BankId attribute to element v1.Cust.Pay.BankAcct

Added element v1.Cust.Doc.Limits

Corrected element v1.Cust.Pay.Card.UserDefinName to v1.Cust.Pay.Card.UserDefinedName

Added CostCenterId as an attribute of v1.Cust.PaymentForm

Added TicketTime as an attribute of v1.Pref.Common, v1.Pref.CarRental, v1.Pref.Airlines, v1.Pref.Hotel, v1.Pref.OtherSrvc

Added CarSpecialReq as an attribute of v1.Pref.Car.SpecialReq

### **Document text**

Added executive summary

2.2 Added text noting future versions should support batch or multiple operations per message

3.3.3 Added text explaining rationale for tag naming conventions

3.4.1.3 Added text explaining rationale for versioning conventions and acknowledging potential burden on implementers

3.5.4.2.1 Further defined sub-actions Insert and Add

3.5.4.2.2 Clarified text on amount of reasonable time for DynSeq values to remain unchanged from one ReadAll operation to another

4.1.1 Specified precise timestamp format

4.1.1 Added text giving rationale for GeoCode

4.2.1.1 Clarified text on multiple occurrences of Credentials

4.2.1.1 Added text noting the lack of an enumerated list credentials methods

4.2.1.1.2 B Corrected example



4.3 Added clarification of BizRule to include attempted creation of a non-unique identifier

5.2 Clarified text encouraging exchange of non-blank as opposed to empty elements

5.3.1 Added new section describing criteria for deciding between elements and attributes

5.4 Added references to ISO 8601 to attribute table for CreateDate, CreateTime, LastActionDate, and LastActionTime

5.4 Corrected attribute list in element table for Access.LastAction

5.4 Corrected attribute table showing attributes for Access.LastAction

5.5 Removed v1.Cust.CurrencyCode from element table, added Currency to attribute table, replaced Figure 8 with new element list

5.5.3 Added CostCenterId to attribute table attribute of v1.Cust.PaymentForm

5.5.3 Removed Cust.DocId from element table, added DocId to attribute table

5.5.3 Removed elements Cust.Pay.Card.Number, Cust.Pay.Card.ExpiryDate, and Cust.Pay.Card.SeriesCode from element table, added CardNumber, CarExpiryDate, and SeriesCode to attribute table

5.5.3 Corrected attribute table, adding AcctType attribute

5.5.3 Added BankId to attribute table

5.5.3 Added element Cust.Doc.Limits

5.5.3 Corrected element name Cust.Pay.Card.UserDefinedName

5.5.3 Added explanation for Gender as an attribute of Cust.Document

5.6 Added paragraph with further explanation of preference collections

5.6.1 Add element Pref.Common.SeatDirect to element table

5.6.1 Add attribute SeatDirect to attribute table

5.6.1 Add Entity v1.NameOrCode as content for element Pref.Common.Loyalty

5.6.1 Added TicketTime as an attribute of Pref.Common

5.6.2 Add Entity v1.NameOrCode as content for element Pref.Car.Loyalty

5.6.2 Add TicketTime as an attribute of Pref.CarRental

5.6.2 Add Entity v1.NameOrCode as content for element Pref.Car.VendorId

5.6.2 Add attribute CarSpecialReq to attribute table, add recommended values

5.6.3 Add Entity v1.NameOrCode as content for element Pref.Air.Loyalty

5.6.3 Add Entity v1.NameOrCode as content for element Pref.Air.VendorId

5.6.3 Add TicketTime as an attribute of Pref.Airlines

5.6.4 Add Entity v1.NameOrCode as content for element Pref.Hotel.Loyalty

5.6.4 Add Entity v1.NameOrCode as content for element Pref.HotelChainId

5.6.4 Add TicketTime as an attribute of Pref.Hotel

5.6.5 Add Entity v1.NameOrCode as content for element Pref.Other.Loyalty

5.6.5 Add TicketTime as an attribute of Pref.OthrSrcv

5.7 Add Entity v1.NameOrCode as content for element Aff.Organiz.TravelSrcvVendorName

5.7 Add Entity v1.NameOrCode as content for element Aff.Empl.Loyalty

5.7 Add Entity v1.NameOrCode as content for element Aff.TrvlArr.CompName

5.7 Add Entity v1.NameOrCode as content for element Aff.ClubProgramName

5.8 Corrected Ent.v1.Address: changed POBox to attribute, made Addr.BldgRoom repeating

5.8 Added Ent.v1.NameOrCode

5.9 Added new section on custom fields

7.3.2 Added text encouraging trading partners to resolve encryption/decryption questions before exchanging files

7.3.5 Added text giving further explanation of privacy features

## **Appendices**

Added an attribute/element cross reference table

### **8.2 Public comment draft**

#### **DTDs**

Replaced NameType attribute with Relation on Cust.Contact.PersonName

Removed PrefLevel attribute from Cust.Document

Made Pref.Common.PetInfo repeating

Made Pref.Air.PetInfo repeating

Made Pref.Hotel.PetInfo repeating

Added DynSeq, BefDynSeq, AftDynSeq, PrefLevel to new repeating PetInfo elements

Changed ENTITY Ent.v1.CompanyId to contain v1.CompanyCode

Changed v1.Unique Id: v1.TradingPartner (repeating, optional), v1.ResourceId (single, required)  
Created v1.CompanyCode element with attribute CodeContext  
Changed v1.TradingPartner to include element v1.CompanyCode  
Added attribute ResourceContext to v1.ResourceId  
Deleted v1.ResourceContext  
Added Ent.v1.HasRepeating to v1.PersonName and v1.Address

## Document text

Cover. Added explanation about review period and comment procedures.  
Acknowledgements. Changed AAI to Airline Automation Inc.  
Corrected Figure numbers throughout text  
1.1 Added paragraph on specifications and standards; removed the word 'standard' from previous text  
1.3 New section on reasons for selecting the customer profile  
1.6 (new number) Revised hotel industry section with language proposed by Nick Lanyon  
1.7 (new number) Added new section on status of the document, indicating draft for public review and giving review instructions.  
2.7 Definitions and conventions. Added text indicating that in the case of conflict between DTD and document, DTD takes precedence.  
3.2 Added more explanation and URL for Directory Services Markup Language  
3.3.1 Added text on the XML and document type declarations used in XML messages  
3.3.4 Tag naming guidelines. Made elements and attributes the same name lengths, 25 characters.  
3.4.1.3 Implementation of versioning. Clarified parent-child element relationships.  
3.5.1 Unique identifier. Updated text with changes in UniqueId, TradingPartner, CompanyCode, and ResourceId elements  
3.5.1 Unique identifier. Added caveat that this section is still in development  
3.5.1.1 Added a new section with UniqueId examples, going from simple to more complex examples.  
3.5.2 Create verb. Updated response example with new UniqueId  
3.5.3 ReadAll verb. Updated request and response examples with new UniqueId  
3.5.4 Update verb. Updated response examples with new UniqueId  
3.5.4.2.2 DynSeq. Clarified text on DynSeq values of zero.  
3.5.5 Delete verb. Updated request and response examples with new UniqueId  
5.1 Introduction. Added text about the focus on individual travelers and not corporate travel policies.  
5.1 Introduction. Added paragraph on DTDs and how they work.  
5.5.2 Payment form and loyalty program data. Clarified text on the role of these elements.

- 5.5.3 DefaultInd. Clarified the description.
- 5.5.3 Moved BirthDate to previous attribute list. Remove SmokingInd from table.
- 5.5.3 Replaced Nametype attribute with Relation on Cust.Contact.PersonName
- 5.5.3 Removed PrefLevel attribute from Cust.Document
- 5.6 Preferences. Added text to paragraph on collections indicating the need for data in one or more of the Common or travel services elements.
- 5.6.1 Made Pref.Common.PetInfo repeating. Added DynSeq, BefDynSeq, AftDynSeq, PrefLevel attributes
- 5.6.1 Replaced Figure 10
- 5.6.1 Corrected names of Pref.Common,PersonName, Pref.Common.Phone, Pref.Common.Address
- 5.6.3 Made Pref.Air.PetInfo repeating. Added DynSeq, BefDynSeq, AftDynSeq, PrefLevel attributes
- 5.6.3 Replaced Figure 12
- 5.6.4 Made Pref.Hotel.PetInfo repeating. Added DynSeq, BefDynSeq, AftDynSeq, PrefLevel attributes
- 5.6.4 Replaced Figure 13
- 5.8 Changed ResourceContext to Attribute. Created CompanyCode element.
- 5.8 Created CompanyId entity
- 6.1.1 Clarified role of Status attribute
- 6.1.1 Changed last error message to look more realistic
- 7.3.4 Non-repudiation. Added text indicating that standards bodies are preparing security standards
- 7.3.5 Privacy. Added paragraph on use of the GeoCode to alert to special privacy requirements

## **Appendices**

Updated OTA\_v1.dtd

Replaced Update response examples with new UniqueId elements

Added Fastwater LLP paper on online travel to references

Added Change log for final draft

### **8.3 Draft 0.4**

Cover. Changed logo to newer OTA image

Updated acknowledgements

Chapter 1. Made editorial fixes and revisions requested.

1.3. Added travel clubs to description of affiliations

Chapter 2. Made editorial fixes and revisions requested.

Added section 2.1, Message flow and operations giving a summary of the message exchanges in the four main verbs.

Reordered subsections to reflect new order of the chapters

Chapter 3 (Chapter 4 in previous draft)

Reordered sections to reflect bottom to top layers of the reference model chart

3.2 Added recommended text to the section on transport protocols

3.3.1 Added a reference and link to the W3C's XML Recommendation 1.0

3.3.2 Changed Head and Body to control and Content. Remove specifications mandating Head/Control sections in all versioned messages.

3.3.3 Tag naming conventions. Changed SHOULD to MUST

3.3.4 Tag naming guidelines. Changed MAY to SHOULD

3.5 Infrastructure verbs. Change all Read references to ReadAll.

Revised all examples to reflect changes approved by Interop on 12 January.

3.5.1 Unique identifier. Rewrote this section to reflect changes approved by Interop on 12 January.

3.5.1 Figure 1. Added footnote explaining DTD symbols in images.

3.5.2 Create verb. Added requirements for at least one of Cust.PersonName, Cust.Telephone, or Cust.Email

3.5.4 Update verb. Indicated sub-actions require an order of Remove, Set, Insert, Add after Verify. Changed order of these sub-actions in text accordingly.

3.5.4 Update verb. Revised examples, expanding Verify sections to reflect changes in content model. Revised examples to reflect changes in PaymentForm element.

Chapter 4. (Chapter 3 in previous draft)

4, 4.1, 4.2. Made editorial fixes and revisions requested.

4.1.1. Expanded and corrected Coordinated Universal Time notation, including a reference to a W3C Note on date and time.

4.1.1. Echo Token. Revised and expanded definition, including usage requirements.

4.2.1 Head section (to be renamed)

Added text on Session and authentication drafted by Scott Hinkelman

Added text sections on unauthentication (Scott Hinkelman drafted)

#### 4.2.1.2 Non-sessioned (SendBy) Model

Figure 5. Changed the Session Credential and Principal elements into a sequence rather than an OR relationship. (correction)

Added paragraph on AuthenticationModel standard error if the trading partner supports only session-based security.

#### 4.2.2 Content section

EncryptedContent. Make into an OR choice with Content. (correction)

Main verb request/response elements. Remove optional occurrence indicators. (correction)

Move Encrypted Content section following Content sections, becoming 4.2.3

Correct and replace illustrations.

4.2.2.2 Major verb tags. Rewritten to reflect structure of tags and removed references to order and relationships with other elements.

4.2.2.5 Examples of Content and Control. Renumbered examples as part of the overall number series in the document.

4.2.3 Added discussion of required Method attribute.

4.2.3 Moved examples 9 and 10 to this section since example 10 includes EncryptedContent

### Chapter 5

Revised tables to reflect change of elements to attributes.

#### 5.1 Introduction

Updated description of preferences to reflect the movement of the travel service preferences under Collections.

Add reference to travel clubs under Affiliations.

Removed reference to external entities in the DTDs.



Moved the discussion of privacy attributes to a separate section under 5.4 CustProfile

5.2 Transmitting empty elements

Added section advising trading partners against sending empty elements.

5.4 CustProfile

Changed introductory paragraphs to include references to profile identifiers.

Added a section 5.4.1 Privacy attributes.

Added attributes ShareAllSynchInd and ShareAllMarketInd under CustProfile with values of Yes/No and default value of No.

Changed names of ShareSynch and ShareMarket to ShareSynchInd and ShareMarketInd

Added value of Inher (Inherited) to ShareSynchInd and ShareMarketInd

Expanded discussion of privacy attributes, including examples.

5.5 Customer

Deleted ContactType attribute from Cust.Address

Deleted NameType attribute from Cust.RelatedTraveler and Cust.EmergencyContact

Changed PreferType to TravelServiceType

Changed Relate to Relation

Added values of Spouse and Children to Relation

Changed Family value to ExtendedFamily

Changed Docs to DocType

Added section 5.5.1, Required customer data, reflecting the mandatory name, telephone, and e-mail entries.

Added section 5.5.2 describing the payment form and loyalty program data entered in the Customer section and referenced elsewhere in the profile.

Added Cust.PaymentForm element comprised of Cust.Pay.CreditCard, Cust.Pay.BankAcct, and Cust.Pay.DirectBill

Added attributes to Cust.PaymentForm child elements: PreferLevel and PayFormReferName

Deleted TravelServiceType attribute from Cust.PaymentForm

Changed Email and URL elements under Cust.Contact to attributes  
Added DynSeq, BefDynSeq, AftDynSeq attributes to Cust.Contact.Addr

Changed EffectDate, ExpiryDate, and BirthDate elements to attributes under Cust.Document

Added Cust.Loyalty element comprised of Cust.Loyal.ProgramName and Cust.Loyal.PersonName  
Added CompanyCode and CodeContext attributes to Cust.Loyalty

## 5.6 Preferences

Added text with a description of travel collections (called groups and templates in previous drafts).

### 5.6.1 Common preferences

Added text with a description and example of common preferences.  
Added Figure 9 showing a list of common preference elements  
Entered new list of common preferences  
Added attribute PrefCollectName to v1.Pref.Collection  
Added attribute Relation to v1.Pref.Common.RelatedTrav

### 5.6.2 Car rental preferences

Added introductory text and Figure 10 showing element list  
Added BefDynSeq and AftDyn Seq attributes to v1.Pref.Car.VehicleType, v1.Pref.Car.VehicleClass,  
v1.Pref.Car.PhysChallEquip  
Changed child seat quantity element to an attribute of v1.Pref.Car.ChildSeat

### 5.6.3 Air travel preferences

Added introductory text and Figure 11 showing element list  
Changed SmokingInd and AirTicketType from elements to attributes

### 5.6.4 Hotel preferences

Added introductory text and Figure 12 showing element list  
Changed SmokingInd and RatePlan from elements to attributes

#### 5.6.5 Other travel services

Added introductory text and Figure 13 showing element list

#### 5.7 Affiliations

Added text to introduction on travel clubs  
Made v1.Aff.Organiz.TravelSrcVendorName repeating  
Made v1.Aff.Empl.TravelSrcVendorName repeating  
Made v1.Aff.Empl.Loyalty repeating  
Added tables with content on travel clubs

#### 5.8 Reusable content

v1.Address - Changed CountryCode and PostalCode from elements to attributes  
v1.Telephone - Changed CountryAccess, Extension, and PIN from elements to attributes  
Added entities v1.UniqueId, v1.Privacy, v1.Repeating, and v1.HasRepeating

### 6. Error and non-versioned message operations

#### 6.1 Non-versioned base messages

Changed Head and Body references to Control and Content  
Revised section references to reflect new chapter numbers

### 7. Security and privacy

Changed Head and Body references to Control and Content  
Revised section references to reflect new chapter numbers

7.3.5 Privacy. Revised text to include a discussion of ShareAllSynchInd and ShareAllMarketInd

### 8. Appendices. Broken out as a separate document

## **8.4 Draft.0.3**

Abstract. Added 'other travel services' to first sentence.

Acknowledgements. Added

Chapter 1 - Edited for usage and grammar

1.2 Removed, and provided reference to the OTA White Paper

1.3 Editorial revisions in the text suggested by members

1.4 Editorial revisions in the text suggested by members

1.4 Removed Customizable paragraph, since this version of the specification does not allow for trading-partner specific elements.

1.4 Removed Human and Machine Readable that some reviewers found confusing.

1.4 Added text to the Extensibility paragraph alerting readers to upcoming versions of the specification that will likely be incompatible with version 1.

1.5 Moved to Chapter 2, becomes section 2.6. Deleted the paragraph on fonts that readers found confusing.

1.6 Renumbered to 1.5

1.5 (new) Editorial revisions in the text suggested by members

Chapter 2

Edited to improve usage and grammar

Added introductory paragraph

Reordered and renumbered the sections starting with message structure

Chapter 3

Moved message structure to the next chapter position following the overview

Added Figures 1 - 4

3.1.1 Changed TestFlag attribute to Target. Removed all values except for default of Production.

3.1.1 Added example

3.2 Added standard error as an optional element of the Head

3.2.1 Changed Identity and URI elements to attributes. Created SendBy element as alternative to Session for non-sessioned messages.

3.2.2.1 Added examples of various Head, Body, and EncryptedBody scenarios

3.2.2.4 Added a separate section for the Success attribute

3.2.2.6 Added two high-level tag examples

3.2.3 Add text on v1.StandardError, adapted from chapter on non-versioned messages

## Chapter 4

Imported original image for reference model chart, an improvement over the JPEG image.

Moved Infrastructure protocols section up in chapter following reference model.

4.2.1.3 Implementation of versioning. Reduced amount of text.

4.4.2 Reduced text that repeated chapter 3 and referenced chapter 3

4.4.3 Tag naming conventions. Updated sample tag names to reflect tag names in DTD.

4.5.1 Renamed Unique Identifier. Removed ListId. Made UniqueId an attribute. Expanded explanation of purpose and its components.

4.5.1.1 Server identifier. Added sentence suggesting trading partners inform each other of server identifiers.

4.5.2 Create. Made examples actual working XML documents using real tag names from specification.

4.5.3 Read. Made examples actual working XML documents using real tag names from specification.

4.5.4 Update. Added text on sub-actions positioned under CustProfile

4.5.4 Update. Added Figure 6 showing sub-actions

4.5.4 Update. Updated examples to reflect elements and attributes in DTD and made into working XML documents.

4.5.5 Delete. Made examples actual working XML documents using real tag names from specification.

4.5.5 Delete. Modeled Delete process after Updates, using an initial Read step for an implied verification.

## Chapter 5

Added element group prefixes

Removed date and time formats

Added ShareSynch and ShareMarket attributes for increased privacy protections

Standardized tag naming: Nmbr, Code, Name, Id, Ind, Email, URL

Removed enumerations from DTD attributes unless confident of their completeness; otherwise in text offered suggested values.

Moved the first occurrence of attributes under their specific elements

5.1 Added text giving further explanation of the DynSeq, SynchShare, and SynchMarket attribute

5.1 Added a paragraph on reusable objects and entities

5.2 Added String data type

5.2 Clarified definition of + occurrence indicator

5.3 CustProfile. Changed UniqueId to an attribute.

- 5.3 Deleted ListId.
- 5.3 Added TimeZone attribute
- 5.4 Changed Discount type to Airline passenger type codes
- 5.4 Removed currency from payment form; made a separate element under customer information
- 5.4 Added a Cust.Pay.Address element to PaymentForm
- 5.4 Revised the Cust.Document element to include Cust.Doc.PersonName, Cust.Doc.Id, Cust.Doc.IssueAuthority, Cust.Doc.IssueLocation, Cust.Doc.EffectDate, Cust.Doc.ExpiryDate, Cust.Doc.BirthDate
- 5.4 Made Gender and LockoutType attributes; deleted corresponding elements
- 5.4 Changed PhoneType attribute to PhoneTech, added Cell and TTY
- 5.4 Added PhoneUse attribute: Work, Home, Day, Night
- 5.5 Changed Template to Group and Tmpl prefixes to Group
- 5.5 Deleted the Name element and created a PrefGroupname attribute
- 5.5 Added preferred travel service vendors to preference groups
- 5.5 Added PrefGroupName attribute to air, car, hotel, other travel service elements
- 5.5 Added Car insurance coverage supplement, description, and limitation elements
- 5.5 Added a CovCode to Pref.Car.Coverage element
- 5.5 Added a Pref.Air.ServiceClass element for booking class preferences
- 5.5 Added related travelers to preference groups, element Pref.Group.RelatedTrav
- 5.5 Added Base as a TravType
- 5.5 Added CovCode (Car insurance coverage code) attribute to Pref.Car.Coverage element
- 5.5 Added fax and email to DistType attributes
- 5.6 Added Travel Arranger type (TrvlArrType) attribute
- 5.7 Added reusable objects: PersonName, Address, Telephone, CreditCard, Loyalty. Revised much of the profile content accordingly
- 5.7 For Address object, added Address.StreetNbr and Address.BldgRoom. Moved Addr.Line to the end for extra address lines
- 5.7 Added Only as a PrefLevel attribute
- 5.7 Added LoyalAppl (Loyalty program application) attribute
- 5.7 Added LoyalType (Loyalty program type) attribute
- 5.8 Reduced date and time requirements to a reference to ISO 8601

## Chapter 6

Renumbered non-versioned messages to chapter 6

Narrowed focus of non-versioned error messages to those that occur at the parser.

Added section 6.4 with a reference to the non-versioned message DTD

## Chapter 7

Edited text as requested in member comments

Moved security and privacy material to chapter 7

Removed detailed discussion of implementation that repeated previous discussions and referenced the relevant section numbers.

Updated reference to the Standard for Internet Commerce to version 1.0 and updated appendix accordingly.

## Appendix

Added DTDs and Update examples that still need editing/updating.

Updated Standard for Internet commerce sections

## 8.5 Draft.0.2

Edited the Abstract for accuracy and English usage.

Removed the proposed user license after objections from members.

4.1, Reference model. Removed references to UserId and Password, which are not included in the specification.

4.1, Reference model. Removed references to infrastructure elements, which are not defined in the document

4.4.1, Session. Removed heading for this empty section, with the remaining paragraph numbers in 4.4 renumbered accordingly.

4.5.1.1, UniqueId structure. Section added as authorized by the Interop Committee decision

4.5.1.2, Server identifier for related travelers. Section added as authorized by the Interop Committee decision

5.3 CustProfile, deleted elements TravelVendorId and CustId, as authorized by Interop Committee decision

5.4 Customer information. Added element RelatedServerId, as required by new paragraph 4.5.1.2

8.3 Hotel preference attributes. Added

8.3.1 Hotel property amenities

8.3.2 Hotel room amenities

8.3.3 Hotel recreation services

8.3.4 Hotel security features