Lufthansa
Industry Solutions

myIDTravel

The integrated ID Travel Management Solution

Documentation for
Gateway v2

myIDTravel

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Table of Contents

1   General Information

1.1   About This Document

This document contains the functional description about the new "myIDTravel Gateway v2" which will be the central gateway for technical communication with airlines.

1.2   About The Service

The "myIDTravel Gateway v2" will provide a Web Service offering Single Sign On requests (as a successor of the Login Service v4 and the Upload Service) and travel data requests via HTTPS.

1.2.1   Available Modules

A service method can be called to access (or retrieve data from) a specific myIDTravel component, which we call "Modules".
The following modules can be accessed:
- Enduser Login
- MasterAccess Login as an **Add-On**
- Admin Login as an **Add-On**
- Enduser Login without providing a complete profile
- Profile Upload into myIDTravel
- Travel History Data as an **Add-On**

The particular service requests and the modules which can be accessed by each service request are explained below.

1.2.2   Security Mechanisms

The applied security mechanisms ensure:
- Message confidentiality
- Message integration
- Client authentication
- Client authorization

To ensure message confidentiality and integration, the communication is secured by SSL/TLS. Every interested myIDTravel customer can decide whether the communication is established by using a customer specific certificate (Two-Way-SSL) or by using customer specific password and secret (One-Way-SSL).
Some service methods or Modules can only be accessed if a specific communication establishment is used.
Lufthansa Industry Solutions (LHIND) decides, which service methods and modules are only available by using two-way SSL and which are also available by using one-way SSL.

The following table shows which module can be accessed with which security:

Module name	Allowed via Two-Way SSL	Allowed via One-Way SSL
Enduser Login	Yes	Yes
MasterAccess Login	Yes	No
Admin Login	Yes	No
Enduser Login without providing a complete profile	Yes	Yes
Profile Upload into myIDTravel	Yes	No
Travel History Data	Yes	No

1.2.2.1 Two-Way-SSL

When using **Two-Way SSL**, the client consuming the web service is authenticated and authorized to perform a specific action by checking the clients certificate. Customers are supposed to request this client specific certificate at LHIND.
If you have already used one of our web services in the past (e.g. LoginService, UploadService, GatewayReportingService), there is no need to request a new certificate because your existing, valid customer specific certificate can be used for the Gateway v2 too.
To establish a Two-Way SSL connection, customers have to apply their certificate when calling the service endpoint over SSL. How to do this **depends** on your system environment and framework in use.
For testing purposes, LHIND provides you with a test certificate which can be used to call the web service via Two-Way-SSL on integration.

1.2.2.2 One-Way-SSL

When using **One-Way SSL**, the client is authenticated and authorized by checking a password and a secret which the client has to add to the request message.
Customers are supposed to request this client specific password and secret at LHIND.
An establishment of One-Way-SSL is **independent** of your system environment, because it is done by simply calling the service via https and by adding the optional credentials element (consisting of password and secret; see below) to the service request message.

2 Description of myIDTravel Gateway v2

2.1 Endpoint URLs

The following URLs are relevant to access the web service:

Environment	URL
Integration (for testing)	https://integration.myidtravel.com/services/Gateway_V2 https://80.77.223.122/services/Gateway_V2
Staging ("pre-production")	https://staging.myidtravel.com/services/Gateway_V2 https://80.77.223.11/services/Gateway_V2
production	https://www.myidtravel.com/services/Gateway_V2 https://80.77.223.10/services/Gateway_V2

2.2 WSDL

The underlying service description can be obtained from the myIDTravel wiki pages by calling the following URL:
https://csp.lhsystems.com/emmily/project/28

2.3 Error messages

If an error occurs during request processing, you will be provided with an error message which might give you some hints which component caused the error (client or server) and what went wrong. These messages are common to all service methods.

Error message	Reason
missing required element: credentials	You tried to call a service method by one-way SSL. This requires the element <credentials> within your service request message which was missing.
the provided security mechanism is insufficient	Possible reasons: a) You tried to call a service method by one-way SSL but for this service method, two-way SSL is required.

	b) You called a service method by one-way SSL but the provided password/secret combination is invalid c) You entered an incorrect value for the attribute "ac" in element "MyIdTravelLoginRequest". Please ensure that you entered your two-letter airline-code.
access not allowed for airline code: $airlineCode	You called a service method for a foreign airline code. Only calls for your airline code are allowed.
missing required attribute within credentials element: password	You tried to call a service method by one-way SSL but the required credentials attribute 'password' is missing.
missing required attribute within credentials element: secret	You tried to call a service method by one-way SSL but the required credentials attribute 'secret' is missing.
access prohibited for module: $nameOfModule	You tried to call a service method for which LHIND has not authorized you (yet).
could not determine airline code from request. Please ensure to provide us with your airline code within request	The required airline code within the request message is missing.

2.4 Other error cases

If the service cannot process/accept the incoming request message at all (due to a fundamentally incorrect service usage), one of the following errors might occur:

Error	Reason
HTTP 400 – Bad Request	You might have a typo in the request element name. For Example, if you want to do a login request, you have to use the element "MyIdTravelLoginRequest" (namespace omitted here). If you have a typo like "MyIdTravelLoginRequest_xx", you will get back a HTTP 400 – Bad Request.

HTTP 404 – Not Found	One possible reason is, that you might have a typo in the request elements namespace. Please ensure that you use the correct namespace as defined in the WSDL file. Another possible reason is, that you had encrypted the request message on the message level (e.g. by applying WS-Security). Please ensure, that you do not apply any message level encryption. The encryption is done by SSL/TLS on the transport level.
HTTP 405 – Method Not Allowed	You tried to call the Gateway v2 via HTTP GET. This method is not allowed. Please always use HTTP POST when sending requests to the Gateway v2
Service does not seem to return a response but profile updates are applied	One possible reason is, that your client told us that encoding/compression is accepted but actually is not able to handle it. Please check the HTTP header your client sends to our service. Typical header + value is "Accept-Encoding: gzip,deflate"
SSLException: Received fatal alert: protocol_version	This error occurred due to old TLS1.0 or TLS1.1 protocol version. To resolve this issue, please update the TLS1.2 protocol version. Furthermore, please migrate to a modern encryption method is strongly recommend. please upgrade your Java version if you use it (Java 1.8)

2.5 The optional <Credentials> element to call the service via One-Way SSL

The following element can be included in any available service method request message. This element becomes mandatory, if you call the service via One-Way SSL. When using Two-Way SSL, this element is not needed and would be ignored, if present within the request message.

Credendtials Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
passphrase	A	M	Your personal password which you received from LHIND	
secret	A	M	Your personal password which you received from LHIND	

3 Detailed description of the provided service methods:

The following service methods are available:

Service Method	Accessible Modules
MyIdTravelLoginRequest	- Enduser Login - MasterAccess Login (**Add-On** – available as functional enhancement) - Admin Login (**Add-On** – available as functional enhancement)
LoginByShortenedProfile	Enduser Login without providing a complete profile
StaffProfilesUploadRequest	Profile Upload into myIDTravel
employeeTravelHistoryRequestSchema	Travel History Data (**Add-On –** available as functional enhancement)

3.1 MyIdTravelLoginRequest

3.1.1 Purpose

This is our Single Sign On Solution to access the Enduser-Login, MasterAccess-Login or Admin-Login.
For Enduser-Login and MasterAccess-Login, the complete employee profile data have to be provided within the request message. There is no need to store any employee data at myIDTravel.
For Admin-Login, an existing admin account must be available at myIDTravel.

3.1.2 Description of MyIdTravelLoginRequest message

3.1.2.1 MyIDTravelLoginRequest Element

The MyIDTravelLoginRequest element is the root element which contains all other required elements. It is described in the following table.

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Airline Code (ac)	A	M	IATA Airline Code of employing airline (= your airline code)	LH, AY
@Deprecated Airline ID (aID)	A	O	Attribute not used anymore. Usage would have no effect.	
Operation Mode (opMode)	A	M	(a) **duty:** User enters the booking / listing process for duty travel (b) **leisure:** User enters the booking / listing process for leisure travel (c) **choose:** User is allowed to choose within myIDTravel which process he wants to enter (leisure or duty). (d) **non_company:** Not included in myIDTravel standard. If you would like to access Non-Company-Travel with myiDTravel, please contact us.	leisure
Preferred Language (prefLanguage)	A	O	Two letter code for preferred language for myIDTravel user interface. If you would like to use a language other than English, you need to purchase the desired language pack. Default: en	en, de, fr
Switchback URL (switchBackURL)	A	O	URL where the employee can jump to when leaving myIDTravel. This can be used to go back to a defined website. Not included in myIDTravel standard.	
Employee (employee)	E	M	Contains the users (employees) HR Data. If the Multiple Duty Travellers Add-On is activated, it is possible to provide a list of employee elements. This will allow the booking of more than one employee.	
@Deprecated (moved to Employee) DutyTravel (dutyTravel)	E	O	Element containing information for duty travel Part of an airline customization, not included in myIDTravel standard.	
@Deprecated (moved to Employee) LeisureTravel	E	O	Element containing information for leisure travel	

(leisureTravel)			Part of an airline customization, not included in myIDTravel standard.	
MasterAccess (master-access)	E	O	This Element indicates whether a booking/listing is created via Master Login. If it is not sent, a usual User-Login is requested implicitly.	
AdminAccess (admin-access)	E	O	If this element is present (and valid) in request, you will get back a token to log in into the Admin Module.	
Credentials	E	O	This element becomes mandatory, if you would like to authenticate yourself with password and secret. See description	

3.1.2.2 Employee Element

The Employee element contains all relevant data concerning the employee who is logged in. If the Multiple Duty Travellers Add-On is enabled, it is possible to provide a list of employee elements in the MyIDTravelLoginRequest to be able to book more than one employee. Otherwise the MyIDTravelLoginRequest element must contain exactly one employee element. The data structure of an Employee element is described in the following table.

Employee Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Passenger Type Code (ptc)	A	M	Employee's passenger type code;	ZEA, ZEC
Last name (lastname)	A	M	Last-name of employee	Jones
First name (firstname)	A	M	First-name of employee	Jack
Middle name (middlename)	A	O	Middle name of employee	William
Salutation (salutation)	A	O	MR, MRS, MS, CHD, INF If you use this attribute, there is no need to set the gender attribute. The gender is derived from the salutation and therefore, the gender attribute would be ignored if present.	MR
Title (title)	A	O	Title of the employee	Dr.
Gender (gender)	A	O	M(ale), F(emale) or U(nknown): If you use "M" or "F", there is no need to set the salutation attribute, because the salutation is	M

			derived from the gender. If you use "U" the employee can choose a gender on the Traveller Selection Page	
Date of birth (dob)	A	O	Usage of this field has to be defined by customers. Can be ignored in myidtravel standard. Type xs:date.	1988-11-17
DeadHeadCrew Flag (dhc)	A	O	A flag indicating whether the employee belongs to the Dead-Head-Crew. Usage has to be defined by the customer. Can be ignored in myidtravel standard. Type: XMLSchema:boolean Default: false	true
Currency (currency)	A	O	ISO 4217 Currency-Code which is used for displaying prices on the Fare Information page. **Please note:** If this attribute is not present in request, the currency for price information is determined as follows (the first applicable option is used): 1) If the attribute "countryOfRes" is present in request, the linked currency for the country (represented by the given country code) is used, if available 2) The currency defined under "payment configurations" in Admin Web-GUI of the	EUR, SEK, USD

			employing airline is used. **Important**: Please do not rely on the process described above because it may change in a future release. **The only, future-proof way to define the price information currency for a specific employee is to provide a correct value for this attribute**	
Country of residence (countryOfRes)	A	O	IATA Country Code. Country the employee lives in. Usage has to be defined by the customer. Can be ignored in myidtravel standard. Usage might be relevant if you would like to participate in Universal Air Travel Plan (UATP)	DE, NO
Tourcode extension (tourCodeExt)	A	O	Employee specific extension for the tour-code. Part of an airline customization, not included in myIDTravel standard.	
Family status (familyStatus)	A	O	The family status of the employee. The usage and the allowed values have to be defined by the customer if requested to use this field. Please ignore this field in myidtravel standard.	
Anniversary Flight Date (anniversaryFlightDate)	A	O	This date can be used to calculate allotments or to determine staff groups. Part of an airline customization, not	2000-01-01

			included in myIDTravel standard.	
Alternative Joining Date (alternative JoiningDate)	A	O	This date can be used as an additional joining date, to calculate allotments or to determine staff groups. Part of an airline customization. Can be ignored in myidtravel standard.	2000-01-01
No Ticket Before Date (noTicketBeforeDate)	A	O	This date can be used to determine staff groups.

Part of an airline customization, not included in myIDTravel standard. | 2000-01-01 |
| Expatriate (expatriate) | A | O | A flag indicating whether the employee belongs to the Dead-Head-Crew.

Usage has to be defined by the customer. Can be ignored in myidtravel standard. | true |
| Known Traveller Number (knownTravellerNum ber) | A | O | A string to store the Known Traveller Number of the employee.

Part of an airline customization, not included in myIDTravel standard. | 12345678 |
| Reinvoiced (reinvoiced) | A | O | Usage of this field has to be defined by customers. Can be ignored in myidtravel standard. | A, B, C, D |
| Frequent Flyer Number (frequentFlyerNumb er) | A | O | A string to store the Frequent Flyer Number of the employee.

Part of an airline customization, not included in myIDTravel standard. | 12345678 |
| Remark (remark) | A | O | Remarks in the form of comments that an employee can make.

Part of an airline customization, not included in myIDTravel | Entitled person data need to be updated. |

			standard.	
Employment (employment)	E	M	See element description	
Accounting (accounting)	E	O	See element description	
Contact (contact)	E	O	See element description	
Lock Date (lock-date)	E	O	See element description Zero or more repetitions	
@Deprecated PTCAllotment (ptc-allotment)	E	O	Function no longer valid and replaced by myIDTravel Allotment Add-On based on customization. Will be removed in a future version.	
EntitledPerson (entitled-person)	E	O	See element description Zero or more repetitions	
Employment Status (employment-status)	E	O	See element description Zero or more repetitions	
Travel Package (travel-package)	E	O	See element description Zero or more repetitions	
Extensions (extensions)	E	O	Hook for customer specific extensions. Please ignore in myIDTravel standard	
DutyTravel (dutyTravel)	E	O	Element containing information for duty travel Part of an airline customization, not included in myIDTravel standard.	
LeisureTravel (leisureTravel)	E	O	Element containing information for leisure travel Part of an airline customization, not included in myIDTravel standard.	

Document Identifier (documentIdentifier)	E	O	See element description	
Approval Information (approvalInformation)	E	O	See element description	
User Roles (userRoles)	E	O	See element description	
@Deprecated Extension (extension)	E	O	Not implemented at the moment. Part of an airline customization, can be ignored in myIDTravel standard.	

3.1.2.3 Employment Element

The Employment Element is mandatory.

Employment Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Employee ID (eID)	A	M	Employee's unique ID within the Airline	U123456
Secondary Employee ID (secondaryID)	A	O	Additional employee ID within the Airline if required. Usage has to be defined by Customer. Can be ignored in myidtravel standard.	02312
Department (department)	A	O	Department organization of employee. Usage has to be defined by the customer. Can be ignored in myidtravel standard. Type: String	CPHVJ-D
Date of joining (doj)	A	M	When did the employee join the company? Many airlines write this information into the PNR and might do some boarding priority calculations based on this value. The user cannot do any bookings or listings for dates before the date of joining. Type: XMLSchema:date	2011-11-17

Subsidiary Category (subCategory)	A	O	B, C, D, E, F, G, H ID agreements can be configured to include/exclude explicitly specific airline subsidiary categories.	B, C
Subsidiary Company (subCompany)	A	O	Company's name. Usage might be relevant if you would like to participate in Universal Air Travel Plan (UATP)	Lufthansa Industry Solutions
Termination Date (dot)	A	O	The user is not allowed to book flights that start after this date. On top of that, the user cannot log in anymore after this date. Type: XMLSchema:date	2014-12-31
@Deprecated Status of employment (employmentStatus)	A	O	Usage of this field has to be defined by customers. Usually, it is used to define allotment groups. **Please note:** Usage of this field has no effect, if you call this service to store/update profile. In this case, please use employment-status element Possible values: active, absent, temporary, retired	active
Labor group (laborGroup)	A	O	Allowed values: Pilot, Cabin, Ground, SVP, VP EXEC, Director, FoundingOfficer, FoundingDirector, Flight, Inflight, Provisional, MGR, BOD, Retiree, Permanent, President, Globalia, Probation, DIR, CAD, AMTS, PNT, PNC, EMP, MAN, OUV. Only relevant for online travel, if you would like to distinct between employees based on specific labour groups.	Director

			Not included in myIDTravel standard.	
FKZeichen	A	O	Part of an airline customization. Can be ignored in myIDTravel standard.	
@Deprecated *(Use eligibilityDuty and/or eligibilityLeisure instead)* oalTravelEligible	A	O	Determines if employee and entitled persons are eligible to travel on other airlines. **Note:** This functionality must be enabled by LHIND. Otherwise, setting this value will not have any effect. Type: XMLSchema:boolean Default: true	false
External person ID (externalPersonID)	A	O	An additional ID for the employee. Usage has to be defined by the customer. Please ignore this field in myIDTravel standard If you use allotments this attribute could be mandatory for your requests. Please contact your SDM or IM. Type: String	
eligibilityDuty	A	O	Determines, in which way the employee and the related entitled persons are eligible for duty travel. This attribute can be used to overrule the general ID agreement settings on a per employee basis. **Please note:** If you want to use this attribute, please contact LHIND. The attribute will not have any effect unless LHIND has activated the usage for you.	NONE; ONLINE; OFFLINE; ONLINE_OFFLINE

eligibilityLeisure	A	O		Determines, in which way the employee and the related entitled persons are eligible for leisure travel. This attribute can be used to overrule the general ID agreement settings on a per employee basis. **Please note:** If you want to use this attribute, please contact LHIND. The attribute will not have any effect unless LHIND has activated the usage for you.	NONE; ONLINE; OFFLINE; ONLINE_OFFLINE
Station of Work (stationOfWork)	A	O		3 letter code for the employee's station of work. If planned to use, usage has to be defined by airline. Usually, related to specific allotment handling	FRA
Eligible for Flight Home (homeFlightEligible)	A	O		true/false: If planned to use, usage has to be defined by airline. Usually, related to specific allotment handling	true
Manager email duty (managerEmailDuty)	A	O		email address of the employee's manager for duty travels	manager@lhind.dlh.de
Manager email leisure (managerEmailLeisure)	A	O		email address of the employee's manager for leisure travels	manager@lhind.dlh.de
Grade (grade)	A	O		A string describing a group to which the employee belongs	
Action Code (actionCode)	A	O		A String to describe a specific action code. If planned to use, usage has to be defined by airline. Usually, related to specific rule or staffgroup handling	
ID duty only (idDutyOnly)	A	O		true/false: If planned to use, usage	true

			has to be defined by airline. Usually, related to specific rule or staffgroup handling	
Fringe Benefit Travel Rule (fringeBenefitTravel Rule)	A	O	true/false: If planned to use, usage has to be defined by airline. Usually, related to specific rule or staffgroup handling	true
Home Base Country homeBaseCountry	A	O	2 letter code for the employee's home base country. If planned to use, usage has to be defined by airline. Usually, related to specific allotment handling	DE
Retiree Travel Rule (retireeTravelRule)	A	O	true/false: If planned to use, usage has to be defined by airline. Usually, related to specific rule or staffgroup handling	True
terminationReason	A	O	The reason why the employee terminated Part of an airline customization, can be ignored in myIDTravel standard.	Retirement
retireeDate	A	O	The date on which the employee retires. Type: XMLSchema:date Part of an airline customization, can be ignored in myIDTravel standard.	2012-12-31
cityCode	A	O	The 3-letter city code of the employee. Part of an airline customization, can be ignored in myIDTravel standard.	FRA
yearsOfService	A	O	The years of service of the employee which is not auto-calculated based on the date of joining, but is saved and also processed internally as defined in the request.	1.8

			Part of an airline customization, can be ignored in myIDTravel standard.	
tPTravelWithoutEmployee	A	O	Airline customization. Allows or forbids the travel partner for this employee to travel without the employee	true

3.1.2.4 Accounting Element

The Accounting element is optional.

Accounting Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Cost Center (costCenter)	A	O	Employee's cost center	
Additional Cost Center (additionalCostCenter)	A	O	Additional cost center for Employees with different cc for specific bookings	
Set of Books (setOfBooks)	A	O	Set of Books (Accounting term); translates to german "Buchungskreis"	02312
SalaryDeduction (salaryDeduction)	A	O	For itinerary on own carrier only. Further definition necessary.	true
Salary Grade (salaryGrade)	A	O	Groups for different salary groups. Possible values are: Group_1, Group_2, Group_3, Group_4, Group_5	Group_1
Employee Benefit Tax applicable (employeeBenefitTaxable)	A	O	Determines if employee benefit taxes are applicable according to local tax jurisdiction	false
formOfPayment	A	O	The form of payment Part of an airline customization, can be ignored in myIDTravel standard.	
iban	A	O	The IBAN of the employee bank account.	DE19123412 3412341234 12

3.1.2.5 Contact Element

The Contact element is not mandatory. An Employee element may contain zero or one contact elements. The contact information is displayed at the contact page during the booking / listing process. The Contact element is described in the following table.

Contact Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example

eMail Address (emailAddress)	A	O	The email address, which will be shown on contact page.	
Phone 1 (phone1)	A	O	The phone number, which will be shown on contact page.	
Phone 2 (phone2)	A	O	A second phone number, which will be shown on contact page.	
Mobile Number (mobileNumber)	A	O	The mobile number, which can be stored in the profile.	

3.1.2.6 LockDate Element

An Employee element may contain any number of LockDate elements (0 to n). A LockDate element represents a period of time during which the employee is not allowed to book/list any flights. myIDTravel will check during the booking / listing process whether the start date of an itinerary is during a LockDate period and if so prevent the user from booking/listing. The LockDate element is described in the following table.

LockDate Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Start Date (from)	A	M	First day from which on the user is not allowed to book/list any flights. Type: XMLSchema:date	2014-10-01
End Date (until)	A	O	Last day of the validity period. If left empty the validity of the specified lock-date will never end. **Please note:** Please only omit this attribute if you only have one single lock-date or if all previous lock-dates have an end-date and there are no lock-dates after this one. In all other cases, the end-date attribute is mandatory. Type: XMLSchema:date	2014-10-31

3.1.2.7 EntitledPerson Element

An Employee element may contain any number of EntitledPerson elements (0 to n). Every EntitledPerson element represents one entitled person of the employee. During the booking / listing process for leisure travel, the submitted entitled persons are shown on Travellers Page and the employee will be able to book / list for them.

Important:

Date of birth is mandatory for passenger types ZEI and ZEC. If an entitled person with a PTC of ZEI or ZEC does not provide a date of birth, myIDTravel will show an "Invalid PTC" error when the user is logged in.

If an entitled ZEA has a date of birth, myIdTravel will handle this person as a child and performs age checks. This means if the ZEA is a spouse, we recommend to omit the date of birth attribute within the element.
The EntitledPerson element is described in the following table.

EntitledPerson Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Passenger Type Code (ptc)	A	M		
Last name (lastname)	A	M		
First name (firstname)	A	M		
Middle name (middlename)	A	O		
Salutation (salutation)	A	O	MR, MRS, MS, CHD	
title	A	O	Title of the employee	Dr.
Gender (gender)	A	O	M, F, U	
Date of birth (dob)	A	O	Mandatory for the following PTCs: ZEI and ZEC. Must not be delivered for adults.	
Is person a child (isChild)	A	O	Boolean: Set to true if entitled person is a child. **Note:** Please contact LHIND, if you would like to use this attribute. Usage has to be defined by customer. It could be used to transform the PTC of a person from 'ZEA' to 'ZCO', if a specific age boundary is passed on a given travel date. Please ignore if not necessary.	true, false
Is person a student (isStudent)	A	O	Boolean: Set to true if entitled person is a student.	true, false

			Usage has to be defined. Please ignore if not necessary.	
Taxable Dependant (taxDependant)	A	O	Y/N Part of an airline customization, can be ignored in myIDTravel standard.	true
Tourcode extension (tourCodeExt)	A	O	Employee specific extension for the tour-code. Part of an airline customization, not included in myIDTravel standard.	
Extension (extension)	A	O	Not implemented at the moment. Part of an airline customization, can be ignored in myIDTravel standard.	
Validity start-date (startDate)	A	O	Defines a start-date for the validity period. If the field is used, no bookings can be done for this entitled-person before the specified date. Type: XMLSchema:date	
Validity end-date (endDate)	A	O	Defines an end-date for the validity period. If the field is used, no bookings can be done for this entitled-person after the specified date. Type: XMLSchema:date	
External person ID (externalPersonID)	A	O	An unique identifier for the entitled-person. If this field is used, this ID must be unique across all entitled-persons for the given employee. Type: String	
Disabled (disabled)	A	O	Indicates whether the entitled-person is disabled or not. Usage has to be defined by the customer.	

			Please ignore this field in myIDTravel standard Type: boolean	
knownTravellerNumber	A	O	A string to store the Known Traveller Number of the entitled person. Part of an airline customization, not included in myIDTravel standard.	12345678
relationship	A	O	The relationship of the entitled person. Part of an airline customization, not included in myIDTravel standard.	
status	A	O	The status of the entitled person. Part of an airline customization, not included in myIDTravel standard.	INACTIVE
frequentFlyerNumber	A	O	A string to store the Frequent Flyer Number of the entitled person. Part of an airline customization, not included in myIDTravel standard.	12345678
registrationDate	A	O	The date on which the entitled person was registered. Part of an airline customization, not included in myIDTravel standard.	2000-01-01

3.1.2.8 EmploymentStatus Element

If no employee status is send, the system will consider the employee as active. Start date will be the day of sending.
Please notice:
- Overlapping periods will not be accepted.

- The end date is only optional for the very last employee status element.

- If you plan to also use the Admin Module to modify the employee profile on occasion, it is recommended to send this element and set the status to "active" per default. In the Admin Module, changes can only be done, if the employee has a valid EmploymentStatus.

EmploymentStatus Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Status (status)	A	M	active/ absent/ temporary/ retired Usage of this field has to be defined.	active
Start Date (startDate)	A	M	Date: First day of the period of the Employment status.	2017-11-17
End Date (endDate)	A	M/O	Date: Last day of the period of the Employment status. **Only optional** for the very last Employment status.	2017-12-31

3.1.2.9 MasterAccess Element

If the MasterAccess element is present in the request message, you will try to login as a master user.
Use this element if a master user would like to log in on behalf of an employee.

This functionality is available as an add-on. Please contact myIDTravel, if you are interested in using this functionality.

Please note:
If the request message contains both the MasterAccess element and the AdminAccess element, the former will be ignored.

In this table the data structure for the MasterAccess Element is described.

MasterAccess Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
masterUserID	A	O	ID of master user	
firstName	A	O	First name of master user	Fred
lastName	A	O	Last name of master user	Palmer
role	A	O	DEPREACATED – use roles element instead. Role based rights for master user	MA_DUTY, MA_LEISURE or DELEGATE_DUTY
roles	E	O	An element of type String. Role based rights for master user. Zero or more repetitions are allowed for this element.	

			Allowed values based on employing airline.	
extension	A	O	Not implemented at the moment.	

Only some combinations for the "roles" element are supported by myIDTravel:

Roles (transferred within one login request)	Description
MA_DUTY	Master user is allowed to use duty mode only.
MA_LEISURE	Master user is allowed to use leisure mode only.
MA_DUTY MA_LEISURE	Master user is allowed to use leisure and duty mode. The user can choose the booking mode for every booking separately.
DELEGATE_DUTY	Master user is allowed to make a delegated duty booking.
DELEGATE_LEISURE	Master user is allowed to make a delegated leisure booing.

There are some more roles implemented as airline customizations.
The roles allowed being transferred need to be enabled in a configuration by LHIND admin.

3.1.2.10 AdminAccess Element

If the AdminAccess element is present and valid in the request message, you will get back a token which lets you login into the admin application (AdminModule).

This functionality is available as an add-on. Please contact myIDTravel, if you are interested in using this functionality.

Please note:
If the request message contains both the MasterAccess element and the AdminAccess element, the former will be ignored.

In this table the data structure for the AdminAccess Element is described.

AdminAccess Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
adminUserID	A	M	ID of admin user	
firstName	A	O	First name of master user	Fred
lastName	A	O	Last name of master user	Palmer
extension	A	O	Not implemented at the moment.	

3.1.2.11 DutyTravel Element

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
@Deprecated (please use child element "serviceClassDefinition"	A	O	The highest possible Service class a user can	Y

instead) dutyServiceClass			select for duty travel. This attribute can be used if you would like to overrule the allowed service class as defined in the ID agreement of the ticketing airline. Allowed values: Y, C **Please note:** This feature does not work per default. Please contact LHIND, if you would like to use it	
dutyPriority	A	O	Priority for duty travel	C02
paymentAccount	A	O	Payment account. This is a special purpose attribute introduced for a specific partner. Please ignore in myIDTravel standard.	ACC12345
travelOrder	A	O	Travel order id	1021787
travelOrderNumber	A	O	The travel order number for the duty booking.	2013172000201
Grade (grade)	A	O	A string describing a group to which the employee belongs when booking duty travels	
dutyUpgradePriority	A	O	The duty upgrade priority. This is a special purpose attribute introduced for a specific partner. Please ignore in myIDTravel standard.	
eligibleForAirlines	E	O	Element of type Airlines.	

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
			Defines a list of airlines the employee is eligible to travel with	
serviceClassDefinition	E	O	See element description	

3.1.2.12 LeisureTravel Element

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
leisureServiceClass	A	O	The highest possible Service class a user can select for leisure travel. This attribute can be used if you would like to overrule the allowed service class as defined in the ID agreement of the ticketing airline. Allowed values: Y, C **Please note:** This feature does not work per default. Please contact LHIND, if you would like to use it	Y
leisurePriority	A	O	Priority for leisure travel. Not implemented yet.	
travelWithoutEmployee	A	O	If this is true in direct entrance action for the booking process of an entitled person, the employee will be added to flight travellers.	true
eligibleForAirlines	E	O	Element of type Airlines. Defines a list of airlines employee is eligible to travel with. LHIND can configure the application in a way, that only the airlines included here are selectable on the Flight Schedule Input	

3.1.2.13 Airlines Element

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Airline	E	M	An element of type String. One or more repetitions are allowed for this element. Allowed values are 2-letter-airline-codes	LH

3.1.2.14 Booking Element

The Booking element provides information about an already existing booking which shall be retrieved.
If no action is set in the attributes of the login request (e.g. TICKET_RETRIEVAL) this information will be ignored and not be transferred to myIDTravel.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
uniqueID	A	O	Identifier for the existing booking like a PNR	7HZU65
ticketNumber	A	O	Number of the ticket	220-2452307896
airlineCode	A	O	Airline	LH
lastname	A	O	Last name of the passenger for this booking	Meyer

3.1.2.15 Service class definition

Defines the highest possible service class and under which conditions that service class can be selected for travel.
This attribute can be used if you would like to overrule the allowed service class as defined in the ID agreement of the ticketing airline.

Please note:
This feature does not work per default. Please contact LHIND, if you would like to use it
If you use this element in your request message, it will override the value you have set for the attribute "dutyServiceClass" in element dutyTravel

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
serviceClass	A	M	The highest	'Y'

			possible service class a user is allowed to use for travel. Allowed values are: Y, C, F	(Economy), 'C' (Business)
minRequiredMilageZone	A	O	the minimal required milage zone a segment must have to be able to use the defined service class on that segment	Any valid IATA milage zone is allowed. Datatype: int

3.1.2.16 Travel Package Element

The Travel Package Element can be used if you would like to enable different packages for your employees.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
startDate	A	M	The start date of the travel package.	2000-12-31
endDate	A	O	The start date of the travel package.	
packageName	A	M	The name of the travel package.	

3.1.2.17 Document Identifier Element

The Document Identifier Element can be used to store different document information of your employee.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
idNumber **@Deprecated**	A	O	This attribute can be used to store the number of the employee's id card. This attribute is deprecated. Please use the Document Element with the document type	123123123

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
			ID_CARD	
passportNumber **@Deprecated**	A	O	This attribute can be used to store the number of the employee's passport. This attribute is deprecated. Please use the Document Element with the document type PASSPORT	123123123
Document	E	O	This element can be used to store information about official documents of the employee	

3.1.2.18 Document Element

The Document Element can be used if you would like to store information about official documents of your employees.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
documentType	E	M	This element is used to define the type of the document.	PASSPORT
documentNumber	E	M	This element is used to store the number of the document.	123123123
expiryDate	E	O	This element is used to store the expiry date of the document.	2000-12-31
countryOfIssue	E	O	This element can store the country where the document was issued.	DE
dateOfIssue	E	O	This element can store the date when the document was issued.	2000-12-31

3.1.2.19 Approval Information Element

The Approval Information Element can be used to define the approvers for this employee.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Approvers	E	O	This element contains a list of approvers for the current employee.	

3.1.2.20 Approvers Element

The Approvers Element contains a list of approvers for the employee.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Approver	E	O	A list of approvers.	

3.1.2.21 Approver Element

The Approver Element can be used to define the approver for the employee.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
employeeID	E	O	The employeeID of the approver.	Employee1
firstName	E	O	The first name of the approver.	Jon
lastName	E	O	The last name of the approver	Doe
eMail	E	O	The email of the approver	myidtravel@lhind.dlh.de
Indicator	E	O	The indicator which level the approver belongs to. This has to be defined with myIDTravel.	

3.1.2.22 User Roles Element

The User Roles Element contains multiple User Role elements to determine the roles of the employee.

This feature does not work per default. Please contact LHIND, if you would like to use it.

	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
userRole	E	O	The user role of the employee	

3.1.3 Description of the login response message

Please note:
Please replace any occurrences of the substring "**&"** by "**&**" in the <url> element of the response message before forwarding to this URL.

The following table describes the response message in more detail:

Response Element	(E)lement/ (A)ttribute	Description	Example
creationTimestamp	E	The timestamp of token creation.	2013-11-14T07:09:18.626Z
expirationTimestamp	E	The timestamp of token expiration.	2013-11-14T07:11:18.626Z
Success	E	Standard way to indicate successful processing. Returning an empty element of this type indicates success.	
Warnings	E	Standard way to indicate successful processing, but one in which warnings are generated.	
Token	E	The generated token	
url	E	The URL which you can use to access the application with the generated token.	

3.2   LoginByShortenedProfile

3.2.1   Purpose

You can call this service method, if you already have stored employee profile data in myIDTravel (either by using the Admin Module or by using the Upload Service).
The advantage is, that you only have to provide us with a minimum of data within the request message.

3.2.2   Description of LoginByShortenedProfile request message

The LoginByShortenedProfile element is the root element which contains only three attributes. It is described in the following table.

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
User ID (uID)	A	M	Employee's unique ID within the Airline	U1234567
Airline Code (ac)	A	M	Airline Code of employing airline	LH
Operation Mode (opMode)	A	M	duty, leisure, choose, non_company See corresponding description in	duty

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
			familyStatus	
Credentials	E	O	This element becomes mandatory, if you would like to authenticate yourself with password and secret. See description	

3.2.3 Description of the LoginByShortenedProfile response message

The response message is the same as described under Description of the login response message.

3.3 StaffProfilesUpload

3.3.1 Purpose

You can call this service method, if you want to store your employee profile data in myIDTravel. Storing profile data in myIDTravel makes it possible to do SSO via LoginByShortenedProfile. On top of that, this functionality is useful:

- If you want to insert and update your employee profile data automatically on a regular basis (e.g. once a day/week)
- If you want to do one, initial upload of all your employee profile data and manage these data via myIDTravel Admin application afterwards

3.3.2 Description of StaffProfilesUploadRequest message

The StaffProfilesUploadRequest element is the root element which contains all information to update your employee profile data in myIDTravel.

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Airline Code (ac)	A	M	IATA Airline Code of employing airline (= your airline code)	LH, AY
DeleteRecord (deleteRecord)	E	O	Contains 0..n DeleteElements for profile deletion	
UpdateRecord (updateRecord)	E	O	Contains 0…n Employee Elements for profile insertion/deletion	
Credentials	E	O	This element becomes mandatory, if you would like to authenticate yourself with password and secret. See description	

3.3.2.1 Update element

In request message, an update element contains one employee profile for insertion/update. In response message, the profile is returned again with message list for success/error indication.

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Employee (Employee)	E	M	Contains the profile data	
MessageList	E	O	Contains messages provided by the UploadService	

3.3.2.2 Delete element

A delete element contains exactly one attribute for the Employee ID (eID). The eID is the unique identifier within the myIDTravel Staff Profiles database. If a matching entry exists in the database, it will be deleted.

Please notice that the delete functionality will be processed first, then the update/insert functionality

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Employee ID (eID)	A	M	Employee's unique ID within the Airline	U1234567
MessageList	E	O	Contains messages provided by the UploadService	

3.3.2.3 Message element

A message element contains information about success/error:

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example
Code	E	M	A code for success/failure identification	12003
Category	E	O	The category of this message	INFO, WARNING
Text	E	O	A human readable text	user updated

3.3.3 Description of StaffProfilesUploadResponse message

The following table describes the response message in detail:

Request Element	(E)lement/ (A)ttribute	(O)ptional/ (M)andatory	Description	Example

DeleteRecord (deleteRecord)	E	O	Contains 0..n DeleteElements for profile deletion	
UpdateRecord (updateRecord)	E	O	Contains 0…n Employee Elements for profile insertion/deletion	
MessageList	E	O	Contains messages which are independent of the particular update/delete records provided in request	

3.4 employeeTravelHistoryRequestSchema

This Web service method belongs to the Add-On "Gateway v2 Travel Data Add-On".
The Add-On is available for a fee.
Please consult the separate Travel Data Add-On documentation for a detailed description including example messages for service request and response.

4 Example messages

4.1 MyIdTravelLoginRequest

4.1.1 Example: Enduser login request

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.wsgateway-v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:MyIdTravelLoginRequest ac="YY" opMode="choose">
      <bos:employee firstname="Tom" lastname="Test" ptc="ZEA" gender="M" salutation="MR">
          <bos:employment eID="U17171717" doj="2011-11-17"/>
          <bos:entitled-person ptc="ZEA" lastname="Test" firstname="Taja" salutation="MRS" />
          <bos:entitled-person ptc="ZEA" lastname="Test" firstname="Hanna" salutation="MRS" />
          <bos:entitled-person ptc="ZEA" lastname="Test" firstname="Olga" salutation="MRS" />
          <bos:entitled-person ptc="ZEA" lastname="Test" firstname="Rehna" />
          <bos:entitled-person ptc="ZEC" lastname="Test" firstname="Sandra" dob="2006-11-17" />
      </bos:employee>
    </ser:MyIdTravelLoginRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.1.2 Example: Enduser login request containing credentials element

This is used for One-Way SSL:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.wsgateway-v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:MyIdTravelLoginRequest ac="TF" opMode="choose">
      <bos:employee ptc="ZEA" lastname="Test" firstname="Tom" gender="M">
          <bos:employment eID="D123" doj="2011-11-17"/>
      </bos:employee>
      <ser1:Credentials passphrase="passphrase" secret="secret" />
    </ser:MyIdTravelLoginRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.1.3 Example: MasterAccess login request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.gateway-v2.myidtravel.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:MyIdTravelLoginRequest ac="YY" opMode="choose">
      <bos:employee ptc="ZEA" lastname="Test" firstname="Tom">
       <bos:employment eID="Master17" doj="2011-11-17"/>
     </bos:employee>
     <bos:master-access masterUserID="1234567" firstName="Test" lastName="Test" />
    </ser:MyIdTravelLoginRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.1.4 Example: Admin login request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.gateway-v2.myidtravel.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:MyIdTravelLoginRequest ac="YY" opMode="choose">
      <bos:employee ptc="ZEA" lastname="Test" firstname="Tom">
        <bos:employment eID="2311" doj="2011-11-17"/>
     </bos:employee>
     <bos:admin-access adminUserID="LSYYY" firstName="Admin" lastName="Test" />
    </ser:MyIdTravelLoginRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.2 LoginByShortenedProfile

4.2.1 Example: Login by shortened profile request

```xml
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:ser1="http://service.wsgateway-
v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:LoginByShortenedProfile uID="U01" ac="yy" opMode="choose"/>
  </soapenv:Body>
</soapenv:Envelope>
```

4.2.2   Example: Login by shortened profile request containing credentials element

This is used for One-Way SSL:

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:ser1="http://service.wsgateway-
v2.myidtravel.lhsystems.com">
   <soapenv:Header/>
   <soapenv:Body>
      <ser:LoginByShortenedProfile uID="U01" ac="yy" opMode="leisure">
         <ser1:Credentials passphrase="test" secret="test"/>
      </ser:LoginByShortenedProfile>
   </soapenv:Body>
</soapenv:Envelope>
```

4.3   MyIdTravelLoginResponse

Whichever login related request message you are sending, you will get back a
MyIdTravelLoginResponse.
In case of authorization or authentication errors, you will get back a SOAP-Fault containing:
- a fault code which indicates whether the error was caused by the client or by the service
- a fault message describing the error

In case of errors related to the content of the request message (e.g. missing required
elements/attributes), you will get back a MyIdTravelLoginResponse which indicates what went
wrong.

4.3.1   Example: MyIdTravelLoginResponse with Success

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
   <SOAP-ENV:Header/>
   <SOAP-ENV:Body>
      <ns2:MyIdTravelLoginResponse xmlns="http://bos.login.myidtravel.com"
xmlns:ns2="http://service.login.myidtravel.com">
         <creationTimestamp>2013-12-13T15:02:33.133Z</creationTimestamp>
         <expirationTimestamp>2013-12-13T15:04:33.133Z</expirationTimestamp>
         <Success/>

<token>458C2E3803AA5C2101C01D83645D2957A3EF5C1DADC47511D64646538DD717A7
</token>
      <url>https://integration.myidtravel.com/myidtravel/start?action=login-
token&amp;previousAction=logout&amp;form_token=458C2E3803AA5C2101C01D83645D295
7A3EF5C1DADC47511D64646538DD717A7</url>
      </ns2:MyIdTravelLoginResponse>
   </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.3.2   Example: MyIdTravelLoginResponse with Error

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <ns2:MyIdTravelLoginResponse xmlns="http://bos.login.myidtravel.com"
xmlns:ns2="http://service.login.myidtravel.com">
      <Errors>
        <Error ShortText="cvc-complex-type.4: Attribute 'eID' must appear on element
'employment'." Type="LOGIN DATA"/>
      </Errors>
    </ns2:MyIdTravelLoginResponse>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.3.3   Example: SOAP-Fault message due to an authorization error

```
<SOAP-ENV:Envelope xmlns:SOAP-ENV="http://schemas.xmlsoap.org/soap/envelope/">
  <SOAP-ENV:Header/>
  <SOAP-ENV:Body>
    <SOAP-ENV:Fault>
      <faultcode>SOAP-ENV:Client</faultcode>
      <faultstring xml:lang="en">the provided security mechanism is insufficient</faultstring>
    </SOAP-ENV:Fault>
  </SOAP-ENV:Body>
</SOAP-ENV:Envelope>
```

4.4   StaffProfilesUploadRequest

4.4.1   Example: Upload of one employee

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.wsgateway-v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:StaffProfilesUploadRequest ac="YY">
      <ser:updateRecord>
        <ser:employee ptc="ZEA" lastname="Example" firstname="Employee" gender="F">
          <bos:employment eID="testEmployee" doj="2000-01-17"/>
          <bos:employment-status startDate="2000-01-17" status="active"/>
        </ser:employee>
      </ser:updateRecord>
    </ser:StaffProfilesUploadRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.4.2 Example: Upload of multiple employees

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.wsgateway-v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:StaffProfilesUploadRequest ac="YY">
      <ser:updateRecord>
        <ser:employee ptc="ZEA" lastname="Example" firstname="Employee" gender="F">
          <bos:employment eID="testEmployee" doj="2000-01-01"/>
          <bos:employment-status startDate="2000-01-01" status="active"/>
        </ser:employee>
      </ser:updateRecord>
      <ser:updateRecord>
        <ser:employee ptc="ZEA" lastname="Example" firstname="Employee" gender="F">
          <bos:employment eID="secondEmployee" doj="2000-01-01"/>
          <bos:employment-status startDate="2000-01-01" status="active"/>
        </ser:employee>
      </ser:updateRecord>
    </ser:StaffProfilesUploadRequest>
  </soapenv:Body>
</soapenv:Envelope>
```

4.4.3 Example: Deletion of one employee

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ser="http://service.login.myidtravel.com" xmlns:bos="http://bos.login.myidtravel.com"
xmlns:ser1="http://service.wsgateway-v2.myidtravel.lhsystems.com">
  <soapenv:Header/>
  <soapenv:Body>
    <ser:StaffProfilesUploadRequest ac="YY">
      <ser:deleteRecord>
        <ser:deleteEmployee eID="employeenumber"/>
      </ser:deleteRecord>
    </ser:StaffProfilesUploadRequest>
  </soapenv:Body>
</soapenv:Envelope>
```