

Customer Service REST Web Services
User Guide

Oracle Financial Services
Lending and Leasing

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Customer Service REST Web Services User Guide
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1. Customer Service REST Web Services

The following sections of the document outline the various Customer Service related REST web services available in Oracle Financial Services Lending and Leasing.

This document is organized in the following way:

- List of Customer Service REST Web Services with Input Attribute Parameters.
- Default response for services will be application/json, in order to get the xml response below http header parameter need to be passed.

| Header | Value |
|--------|-----------------|
| Accept | application/xml |

Before you begin,

- You can access the following link which consists of a zip file with sample Request and Response xml/ json for each web service listed below.

https://docs.oracle.com/cd/E89525_01/pdf/webservices/WebServicesDocuments.zip

1.1 List of Customer Service REST Web Services

Following are the available Customer Service related REST web services:

- [Account On Boarding \(POST\)](#)
- [Account Search Service \(GET\)](#)
- [Account Detail Service \(GET\)](#)
- [Account Comments \(GET\)](#)
- [Account Comments \(POST\)](#)
- [Account Document Upload \(POST\)](#)
- [Account Documents List Service \(GET\)](#)
- [Account Document Download Service \(GET\)](#)
- [Generic Post Transaction \(POST\)](#)
- [Call Activity \(POST\)](#)
- [Payment Posting \(POST\)](#)
- [Lookups Service \(GET\)](#)
- [Asset Type Service \(GET\)](#)
- [Asset Subtype Service \(GET\)](#)
- [Products Service \(GET\)](#)
- [Scheduler Service \(POST\)](#)
- [Scheduler Force Re-Submit Service](#)
- [Dialer Integrator Service \(POST\)](#)
- [Incoming File \(POST\)](#)
- [Outgoing File List \(GET\)](#)

- [Outgoing File \(GET\)](#)

1.2 Details of Web Services with Input Attribute Parameters

1.2.1 Account On Boarding (POST)

Details of Account On Boarding Service

| | |
|---------------------------|---|
| Service Name | Account On Boarding |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/accountBoarding/executeLoanApplication |
| Service Method | POST |
| Purpose of service | This service is used to create an account. |
| Input Schema | accountboarding.xsd |
| Input Type | application/json or application/xml |
| Authorization Key | FLL.ACCOUNTONBOARDINGRESOURCE.POST.EXECUTELOANAPPLICATION |

Input Attribute Parameters

| Request Parameter | Use | Data Type | Comments |
|----------------------------|----------|----------------------------|---------------|
| ACTION_DATA | | | |
| LookupValue | Optional | String | Max Length 30 |
| EditValue | Optional | String | Max Length 30 |
| APPLICATION_DATA | | | |
| ApplicationNumber | Optional | String | Max Length 30 |
| ApplicationDate | Optional | Date (YYYY-MM-DDTHH:MM:SS) | |
| OriginationSystemReference | Required | String | Max Length 30 |
| Product | Required | String | Max Length 30 |
| SourceCode | Required | String | Max Length 30 |
| PriorityCode | Optional | String | Max Length 30 |
| CompanyCode | Required | String | Max Length 30 |
| BranchCode | Required | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| StatusCode | Optional | String | Max Length 30 |
| SubStatusCode | Optional | String | Max Length 30 |
| OriginationStageCode | Optional | String | Max Length 30 |
| PurposeCode | Optional | String | Max Length 30 |
| ProducerTypecode | Optional | String | Max Length 30 |
| ProductId | Optional | Number | |
| ProducerNumber | Required | String | Max Length 30 |
| ExistingCustomerInd | Optional | String | Y/N |
| DuplicateInd | Optional | String | Y/N |
| ClassTypeCode | Required | String | Max Length 30 |
| JointIndicator | Optional | String | Y/N |
| CosignedIndicator | Optional | String | Y/N |
| SubUnitCode | Optional | String | Max Length 30 |
| CreatedBy | Optional | String | Max Length 30 |
| APPLICANT_DATA | | | |
| RelationTypeCode | Required | String | Max Length 30 |
| FirstName | Required | String | Max Length 30 |
| MiddleName | Optional | String | Max Length 30 |
| LastName | Required | String | Max Length 30 |
| SSN | Required | Number | |
| BirthDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| GenderCode | Optional | String | Max Length 30 |
| MaritalStatus | Optional | String | Max Length 30 |
| NumberOfDependents | Optional | Number | |
| LanguageCode | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| DisabilityIndicator | Required | String | Y/N |
| DrivingLicenseNumber | Optional | String | Max Length 30 |
| DrivingLicenseStateCode | Optional | String | Max Length 30 |
| MotherMaidenName | Optional | String | Max Length 30 |
| EmailAddress1 | Optional | String | Max Length 30 |
| ClassTypeCode | Required | String | Max Length 30 |
| GenerationCode | Optional | String | Max Length 30 |
| ResidencyDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| PrivacyOptoutIndicator | Required | String | Y/N |
| MaritalStatusDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| SalutationTypeCode | Optional | String | Max Length 30 |
| MaidenName | Optional | String | Max Length 30 |
| FullName | Optional | String | Max Length 30 |
| PermitToStay | Optional | String | Max Length 30 |
| PermitToWork | Optional | String | Max Length 30 |
| PassportNumber | Optional | String | Max Length 30 |
| PassportIssueDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| PassportExpiryDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| NationalId | Optional | String | Max Length 30 |
| VisaNbr | Required | String | Max Length 30 |
| NationalityCode | Required | String | Max Length 30 |
| EducationLevelCode | Optional | String | Max Length 30 |
| PriorBankruptcyIndicator | Optional | String | Y/N |
| KycRefNbr | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|----------------------------|------------|---------------------------|-----------------|
| KycStatusCode | Optional | String | Max Length 30 |
| LiabNbr | Optional | Number | |
| BirthPlace | Optional | String | Max Length 30 |
| BirthCountryCd | Optional | String | Max Length 30 |
| UsResInd | Optional | String | Y/N |
| CustomerCategoryCd | Optional | String | Max Length 30 |
| PalssuedInd | Optional | String | Y/N |
| PaHolderName | Optional | String | Max Length 30 |
| PaAddress | Optional | String | Max Length 30 |
| PaHolderAdrCntryCd | Optional | String | Max Length 30 |
| PaHolderNationalityCd | Optional | String | Max Length 30 |
| PaHolderPhoneIsdCd | Optional | Number | |
| PaHolderPhone | Optional | Number | |
| CrbEcoaCode | Optional | String | Max Length 30 |
| RaceNationalOriginCode | Optional | String | Max Length 30 |
| InsuranceOptOutIndicator | Optional | String | Y/N |
| MarketingOptOutIndicator | Optional | String | Y/N |
| ShareCreditOptOutIndicator | Optional | String | Y/N |
| CusId | Optional | Number | |
| UpdateCustomerInfo | Optional | String | Y/N |
| ScraMilitaryDutyInd | Optional | String | Y/N |
| ScraEffectiveDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| ScraOrderNbr | Optional | String | Max Length 30 |
| ScraReleasedDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| CusNbr | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|---------------------------|----------|-----------|---------------|
| ADDRESS | | | |
| AddressTypeCode | Required | String | Max Length 30 |
| Address1 | Required | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Required | String | Max Length 30 |
| ZipExtension | Optional | String | Max Length 30 |
| Phone | Required | Long | |
| PhoneIsdCd | Optional | Number | |
| Comment | Optional | String | Max Length 30 |
| MailingIndicator | Optional | String | Y/N |
| CurrentIndicator | Required | String | Y/N |
| City | Required | String | Max Length 30 |
| State | Required | String | Max Length 30 |
| CountryCode | Required | String | Max Length 30 |
| PostalAddressTypeCode | Required | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |
| StreetTypeCode | Optional | String | Max Length 30 |
| StreetPreTypeCode | Optional | String | Max Length 30 |
| StreetPostTypeCode | Optional | String | Max Length 30 |
| AddressNumber | Required | String | Max Length 30 |
| SuiteNumber | Optional | String | Max Length 30 |
| Address3 | Optional | String | Max Length 80 |
| Landmark | Optional | String | Max Length 30 |
| ConfirmedIndicator | Optional | String | Y/N |
| PermissionToCallIndicator | Required | String | Y/N |

| Request Parameter | Use | Data Type | Comments |
|---------------------------|----------|-----------|---------------|
| EMPLOYMENTS | | | |
| Title | Optional | String | Max Length 30 |
| OccupationCode | Optional | String | Max Length 30 |
| CurrentIndicator | Required | String | Y/N |
| Name | Required | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| Address1 | Optional | String | Max Length 80 |
| Address2 | Optional | String | Max Length 80 |
| Zip | Optional | String | Max Length 30 |
| ZipExtension | Optional | String | Max Length 30 |
| City | Optional | String | Max Length 30 |
| State | Optional | String | Max Length 30 |
| CountryCode | Required | String | Max Length 30 |
| Phone | Required | Long | |
| PhoneExtension | Optional | Number | |
| PhoneIsdCd | Optional | Number | |
| Comment | Optional | String | Max Length 30 |
| EmployeeTypeCode | Required | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |
| SteNbr | Optional | String | Max Length 30 |
| EmployeeId | Optional | String | Max Length 30 |
| Department | Optional | String | Max Length 30 |
| PermissionToCallIndicator | Required | String | Y/N |
| Years | Optional | Number | |
| Months | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|----------------------------|------------|---------------------------|-----------------|
| FrequencyCode | Optional | String | Max Length 30 |
| PayDay | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| TELECOMS | | | |
| TelecomTypeCode | Required | String | Max Length 30 |
| Phone | Required | Long | |
| PhoneExtension | Optional | Number | |
| PhoneIsdCd | Optional | Number | |
| CurrentIndicator | Required | String | Y/N |
| BestCallStartTime | Optional | Number | |
| CallStartPeriodCode | Optional | String | Max Length 30 |
| BestCallEndTime | Optional | Number | |
| CallEndPeriodCode | Optional | String | Max Length 30 |
| TimeZoneCode | Optional | String | Max Length 30 |
| PermissionToCallIndicator | Required | String | Y/N |
| BestDayToCall | Optional | String | Max Length 30 |
| TRACKING_ATTRIBUTES | | | |
| FtbTable | Required | String | Max Length 30 |
| TableAttribute | Required | String | Max Length 30 |
| TableSubAttribute | Optional | String | Max Length 30 |
| Value | Optional | String | Max Length 30 |
| FIELD_INVESTIGATION | | | |
| ApplicantId | Required | Number | |
| VerificationType | Required | String | Max Length 30 |
| Status | Required | String | Max Length 30 |
| CallDt | Optional | Date(YYYY-MM-DD) | |

| Request Parameter | Use | Data Type | Comments |
|-----------------------------|------------|---------------------------|-----------------|
| NoOfAttempts | Optional | Number | |
| Result | Required | String | Max Length 30 |
| VerificationDate | Optional | Date(YYYY-MM-DD) | |
| VERIFICATION_DETAILS | | | |
| VerificationMatch | Required | String | Y/N |
| Remarks | Optional | String | Max Length 30 |
| BUSINESS_DETAILS | | | |
| OrganizationTypeCode | Required | String | Max Length 30 |
| BusinessTypeCode | Required | String | Max Length 30 |
| BusinessName | Required | String | Max Length 30 |
| LegalName | Required | String | Max Length 30 |
| TaxId | Required | String | Max Length 30 |
| StartDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| CurrentEmployees | Required | Number | |
| NumberOfEmployess | Required | Number | |
| ContactPerson | Optional | String | Max Length 30 |
| NumberOfLocations | Required | Number | |
| CurrentManagementSince | Required | Number | |
| CheckingBank | Required | String | Max Length 30 |
| BankAccountNumber | Required | String | Max Length 30 |
| AverageCheckingBalance | Required | Double | |
| AnalysisFrequencyCode | Optional | String | Max Length 30 |
| GrossMarginFactor | Optional | Number | |
| IncomeAmount | Optional | Double | |
| BusinessExpenseAmount | Optional | Double | |

| Request Parameter | Use | Data Type | Comments |
|----------------------------------|------------|------------------|-----------------|
| PersonalExpenseAmount | Optional | Double | |
| AnnualSalesRevenue | Optional | Double | |
| ProjectedSalesAmount | Optional | Double | |
| AverageCollection | Optional | Double | |
| AnnualAverageProjectedCollection | Optional | Double | |
| BookListValue | Optional | Double | |
| OpenDelinquencyPercentage | Optional | Number | |
| Turnover | Optional | Number | |
| Equity | Optional | Number | |
| Title1 | Optional | String | Max Length 30 |
| Title2 | Optional | String | Max Length 30 |
| Title3 | Optional | String | Max Length 30 |
| Title4 | Optional | String | Max Length 30 |
| CapitalAmount | Optional | Double | |
| EarnedSurplusAmount | Optional | Double | |
| AnnualSalesAmount | Optional | Double | |
| GrossProfitAmount | Optional | Double | |
| NetProfitAmount | Optional | Double | |
| WorkingCapitalAmount | Optional | Double | |
| BUSINESS_ADDRESS | | | |
| CurrentIndicator | Required | String | Y/N |
| MailingIndicator | Required | String | Y/N |
| PostalAddressCode | Required | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| StreetTypeCode | Optional | String | Max Length 30 |
| StreetPreTypeCode | Optional | String | Max Length 30 |
| StreetPostTypeCode | Optional | String | Max Length 30 |
| SuiteNumber | Optional | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Required | String | Max Length 30 |
| ZipExtension | Optional | String | Max Length 30 |
| City | Optional | String | Max Length 30 |
| State | Optional | String | Max Length 30 |
| Country | Required | String | Max Length 30 |
| Phone | Required | Long | |
| OwnershipCode | Optional | String | Max Length 30 |
| VerifyBy | Optional | String | Max Length 30 |
| VerifyDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| Contact | Optional | String | Max Length 30 |
| ContactTitle | Optional | String | Max Length 30 |
| ContactPhone | Optional | Long | |
| ContactPhoneExtension | Optional | Number | |
| Comment | Optional | String | Max Length 30 |
| AddressTypeCode | Optional | String | Max Length 30 |
| StartDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| BUSINESS_TELECOMS | | | |
| TelecomTypeCode | Required | String | Max Length 30 |
| Phone | Required | Long | |
| PhoneExtension | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| CurrentIndicator | Required | String | Y/N |
| BUSINESS_PARTNERS | | | |
| PrefixCode | Optional | String | Max Length 30 |
| FirstName | Optional | String | Max Length 30 |
| LastName | Optional | String | Max Length 30 |
| MiddleName | Optional | String | Max Length 30 |
| GenerationCode | Optional | String | Max Length 30 |
| SSN | Required | Number | |
| BirthDateType | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| BirthPlace | Optional | String | Max Length 30 |
| Title | Optional | String | Max Length 30 |
| OwnershipPercent | Required | Number | |
| NetWorth | Required | Double | |
| GrossIncome | Required | Double | |
| LanguageCode | Optional | String | Max Length 30 |
| RaceNationalOriginCode | Optional | String | Max Length 30 |
| Email | Optional | String | Max Length 30 |
| Phone | Required | Long | |
| PhoneExtension | Optional | Number | |
| PostalAddressTypeCode | Optional | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |
| StreetTypeCode | Optional | String | Max Length 30 |
| StreetPreTypeCode | Optional | String | Max Length 30 |
| StreetPostTypeCode | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|----------------------------|------------|------------------|-----------------|
| SuiteNumber | Optional | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Required | Number | |
| ZipExtension | Optional | Number | |
| City | Optional | String | Max Length 30 |
| State | Optional | String | Max Length 30 |
| CountryCode | Required | String | Max Length 30 |
| directorIndicator | Optional | String | Y/N |
| BUSINESS_AFFILIATES | | | |
| OrganizationTypeCode | Optional | String | Max Length 30 |
| LegalName | Optional | String | Max Length 30 |
| BusinessName | Optional | String | Max Length 30 |
| TaxId | Optional | String | Max Length 30 |
| OwnershipPercent | Required | Number | |
| NumberOfEmployees | Required | Number | |
| NaicsCode | Optional | String | Max Length 30 |
| Phone | Optional | Long | |
| PostalAddressTypeCode | Optional | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |
| StreetTypeCode | Optional | String | Max Length 30 |
| StreetPreTypeCode | Optional | String | Max Length 30 |
| StreetPostTypeCode | Optional | String | Max Length 30 |
| SuiteNumber | Optional | String | Max Length 30 |
| Address1 | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|---------------------------------------|------------|------------------|-----------------|
| Address2 | Optional | String | Max Length 30 |
| Zip | Required | String | |
| ZipExtension | Optional | String | |
| City | Optional | String | Max Length 30 |
| StateCode | Optional | String | Max Length 30 |
| CountryCode | Optional | String | Max Length 30 |
| APPLICATION_COLLATERAL_DETAILS | | | |
| Type | Required | String | Max Length 30 |
| SubType | Required | String | Max Length 30 |
| PrimaryIndicator | Optional | String | Y/N |
| ClassCode | Required | String | Max Length 30 |
| StatusCode | Optional | String | Max Length 30 |
| NewIndicator | Optional | String | Y/N |
| Year | Required | Number | |
| Make | Optional | String | Max Length 30 |
| Model | Optional | String | Max Length 30 |
| Body | Optional | String | Max Length 30 |
| IdentificationNbr | Optional | String | Max Length 30 |
| ConditionCode | Required | String | Max Length 30 |
| AseGeo | Optional | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| Address1 | Optional | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Required | String | |
| ZipExtension | Optional | String | |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|------------------|-----------------|
| City | Optional | string | Max Length 30 |
| StateCode | Optional | String | Max Length 30 |
| CountyCode | Optional | String | Max Length 30 |
| Country | Optional | String | Max Length 30 |
| UsageStart | Optional | String | Max Length 30 |
| BaseUsage | Optional | String | Max Length 30 |
| ExtraUsage | Optional | String | Max Length 30 |
| TotalUsage | Optional | String | Max Length 30 |
| UsageCharge | Optional | String | Max Length 30 |
| RegistrationNbr | Optional | String | Max Length 30 |
| MeteBondsIndicator | Optional | String | Y/N |
| FloodZoneIndicator | Optional | String | Y/N |
| CollateralTypeCode | Optional | String | Max Length 30 |
| OwnerOccupancyCode | Optional | String | Max Length 30 |
| Block | Optional | String | Max Length 30 |
| Location | Optional | String | Max Length 30 |
| SizeWidth | Optional | String | Max Length 30 |
| SizeLength | Optional | String | Max Length 30 |
| SizeArea | Optional | String | Max Length 30 |
| PurchaseOrderNbr | Optional | String | Max Length 30 |
| LegalDesc | Optional | String | Max Length 30 |
| Lot | Optional | String | Max Length 30 |
| SubDivision | Optional | String | Max Length 30 |
| ParcelIdNbr | Optional | String | Max Length 30 |
| NotRequiredIndicator1098 | Optional | String | Y/N |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| DeedDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| PermitDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| DeedIssuePlace | Optional | String | Max Length 30 |
| PROP_BND_North | Optional | String | Max Length 30 |
| PROP_BND_South | Optional | String | Max Length 30 |
| PROP_BND_East | Optional | String | Max Length 30 |
| PROP_BND_West | Optional | String | Max Length 30 |
| VALUATION_DETAILS | | | |
| CurrentIndicator | Required | String | Y/N |
| ValuationDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| SourceCode | Required | String | Max Length 30 |
| Edition | Optional | String | Max Length 30 |
| Supplement | Optional | String | Max Length 30 |
| Usage | Required | Number | |
| RetailValue | Required | Double | |
| WholesaleValue | Required | Double | |
| UsageValue | Required | Double | |
| AddOnsValue | Optional | Double | |
| TotalValue | Optional | Double | |
| CurrencyCode | Optional | String | |
| CerRate | Optional | Double | |
| CurrencyRetailValue | Optional | Double | |
| CurrencyWholeSaleValue | Optional | Double | |
| CurrencyUsageValue | Optional | Double | |

| Request Parameter | Use | Data Type | Comments |
|------------------------------|------------|---------------------------|-----------------|
| CurrencyAddOnValue | Optional | Double | |
| CurrencyTotalValue | Optional | Double | |
| ADDON_DETAILS | | | |
| Type | Required | String | Max Length 30 |
| Amount | Required | Double | |
| Value | Optional | String | Max Length 30 |
| Addons | Optional | String | Max Length 30 |
| TRACKING_DETAILS | | | |
| FtbTable | Required | String | Max Length 30 |
| DispositionCode | Required | String | Max Length 30 |
| TrackingStartDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| TrackingEndDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| NextFollowupDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| EnabledIndicator | Optional | String | Y/N |
| TrackingComment | Optional | String | Max Length 30 |
| TRACKING_ITEM_DETAILS | | | |
| FtbTable | Required | String | Max Length 30 |
| FtaTableAttribute | Optional | String | Max Length 30 |
| Value | Optional | String | Max Length 30 |
| SELLER_DETAILS | | | |
| Name | Optional | String | Max Length 30 |
| NationalityCode | Optional | String | Max Length 30 |
| NationalityId | Optional | String | Max Length 30 |
| Signatory | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|-------------------------------------|------------|---------------------------|-----------------|
| TypeCode | Optional | String | Max Length 30 |
| EducationLevelCode | Optional | String | Max Length 30 |
| SELLER_ADDRESS | | | |
| CurrentIndicator | Optional | String | Y/N |
| MailingIndicator | Optional | String | Y/N |
| AddressNumber | Optional | String | Max Length 30 |
| Address1 | Optional | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Optional | Number | |
| ZipExtension | Optional | Number | |
| City | Optional | String | Max Length 30 |
| StateCode | Optional | String | Max Length 30 |
| CountryCode | Optional | String | Max Length 30 |
| Phone | Optional | Long | |
| PhoneExtension | Optional | Number | |
| APPLICATION_COMMENTS | | | |
| Comment | Required | String | Max Length 30 |
| CommentDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| CommentBy | Required | String | Max Length 30 |
| TypeCode | Required | String | Max Length 30 |
| SubTypeCode | Required | String | Max Length 30 |
| ImportantIndicator | Required | String | Y/N |
| AadSysXref | Optional | String | Max Length 30 |
| SysXref | Optional | String | Max Length 30 |
| APPLICATION_CONTRACT_DETAILS | | | |

| Request Parameter | Use | Data Type | Comments |
|-------------------------|----------|---------------------------|---------------|
| CONTRACT_RECORD | | | |
| ContractDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| AppTerm | Required | Number | |
| FirstPaymentDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| MaturityDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| LoanAmount | Required | Double | |
| FeeAmountFinanced | Required | Double | |
| FeeAmountPrepaid | Required | Double | |
| AmountFinanced | Optional | Double | |
| MarginRate | Required | Double | |
| Apr | Required | Double | |
| FinanceCharge | Required | Double | |
| PaymentAmount | Required | Double | |
| BallonAmount | Optional | Double | |
| TotalOfPayment | Required | Double | |
| TotalSalePrice | Required | Double | |
| TotalDownPayAmount | Optional | Double | |
| ContractRecievedDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| ContractVerifyDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| ContractVerifyBy | Required | String | Max Length 30 |
| PromCode | Optional | String | Max Length 30 |
| PromPaymentAmount | Optional | Double | |
| LinkExistingCustomerInd | Required | String | Y/N |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| PisInstrument | Required | String | Max Length 30 |
| MaturityMarginRate | Required | Double | |
| DueDay | Required | Number | |
| CrLimit | Optional | Number | |
| RepaymentTerm | Required | Number | |
| DrawTerm | Required | Number | |
| CapitalizedCostGro | Required | Double | |
| CapitalizedCostRed | Required | Double | |
| CapitalizedCostAdj | Required | Double | |
| ResidualValue | Required | Number | |
| DepreciationValue | Required | Number | |
| RentValue | Required | Number | |
| CouponOrderInd | Optional | String | Y/N |
| CouponOrderDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| CouponOrderBy | Optional | String | Max Length 30 |
| CouponFirstPaymentDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| CouponStartNumber | Optional | Number | |
| CouponNumbers | Optional | Number | |
| AchIndicator | Optional | String | Y/N |
| SystemCreditScore | Optional | Number | |
| SystemCreditGrade | Optional | String | Max Length 30 |
| PrepaidAmount | Optional | Double | |
| PayAmountEstimated | Optional | Double | |
| TotalPaymentEstimated | Optional | Double | |
| SalesTaxAmountEstimated | Optional | Double | |

| Request Parameter | Use | Data Type | Comments |
|-------------------------------|------------|---------------------------|-----------------|
| SecurityDepositAmount | Optional | Double | |
| FeeAmountEscrowed | Optional | Double | |
| RateSpread | Optional | Double | |
| RevisePlanTerm | Optional | Number | |
| FinalPaymentAmount | Optional | Double | |
| AdvDrawEndDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| RateChangeFrequencyType | Optional | String | Max Length 30 |
| RateChangePeriod | Optional | Number | |
| BusinessIndicator | Optional | String | Y/N |
| SigningDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| ProbableDeliveryDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| SubventionAmount | Optional | Double | |
| SubventionRateEffective | Optional | Double | |
| SubventionRentFactorEffective | Optional | Double | |
| UnderWriterUserCode | Optional | String | Max Length 30 |
| CollectorUserCode | Optional | String | Max Length 30 |
| IndexTypeCode | Required | String | Max Length 30 |
| StatementPreferenceMode | Optional | String | Max Length 30 |
| RecourseType | Optional | String | Max Length 30 |
| RecourseReason | Optional | String | Max Length 30 |
| RecourseAmt | Optional | Double | |
| RecourseMaxPercent | Optional | Double | |
| TimeBarYears | Optional | Number | |
| Compensation | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------------|------------|---------------------------|-----------------|
| BuyRate | Optional | Double | |
| RE_PAYMENT | | | |
| RE_PAYMENT_OPTIONS | | | |
| FlexibleRepaymentInd | Required | String | Y/N |
| RepaymentTypeCode | Required | String | Max Length 30 |
| RepaymentSkipPeriod | Required | String | Max Length 30 |
| RE_PAYMENT_SCHEDULE | | | |
| RePaymentDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| RePaymentAmount | Optional | Double | |
| NoOfPayments | Optional | Number | |
| SystemGeneratedIndicator | Optional | String | Y/N |
| PAYMENT_CHANGE_SCHEDULE | | | |
| Frequency | Optional | String | Max Length 30 |
| NoOfAdjustmnet | Optional | Number | |
| Period | Optional | Number | |
| OptionType | Optional | String | Max Length 30 |
| AdjustmnetValue | Optional | Number | |
| TRADE_IN | | | |
| Type | Required | String | Max Length 30 |
| SubType | Optional | String | Max Length 30 |
| Year | Required | Number | |
| Make | Required | String | Max Length 30 |
| Model | Required | String | Max Length 30 |
| Body | Optional | String | Max Length 30 |
| IdentificationNumber | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|---------------------------|------------|---------------------------|-----------------|
| ValuationDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| ValuationSourceCode | Optional | String | Max Length 30 |
| ValuationEdition | Optional | String | Max Length 30 |
| ValuationSupplement | Optional | String | Max Length 30 |
| RetailValue | Required | Double | |
| WholesaleValue | Required | Double | |
| AddOnsValue | Required | Double | |
| PayoffAmount | Required | Double | |
| SUBVENTION | | | |
| SBPCode | Required | String | Max Length 30 |
| SSPCode | Required | String | Max Length 30 |
| SubventionTypeCode | Required | String | Max Length 30 |
| SUBVENTION_DETAILS | | | |
| PROld | Required | Long | |
| SubventionAMT | Required | Double | |
| SubventionRate | Required | Double | |
| SubventionRentFactor | Required | Double | |
| ACH | | | |
| BankName | Required | String | Max Length 30 |
| BankRoutingNBR | Required | String | Max Length 30 |
| AccountTypeCode | Optional | String | Max Length 30 |
| AccountNBR | Required | String | Max Length 30 |
| PaymentDay | Required | Number | |
| PaymentAmount | Required | Double | |
| PaymentAmountExcess | Optional | Double | |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| FrequencyCode | Optional | String | Max Length 30 |
| StartDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| EndDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| FeelIndicator | Optional | String | Y/N |
| DefaultIndicator | Required | String | Y/N |
| StatusCode | Required | String | Max Length 30 |
| POST_DATE_CHECKS | | | |
| TypeCode | Required | String | Max Length 30 |
| StatusCode | Required | String | Max Length 30 |
| CheckNBR | Required | String | Max Length 30 |
| CheckDate | Required | Date(YYYY-MM-DDTHH:MM:SS) | |
| CheckAmount | Required | Double | |
| BankRoutingNBR | Required | String | Max Length 30 |
| AccountTypeCode | Required | String | Max Length 30 |
| AccountNBR | Required | String | Max Length 30 |
| BankName | Required | String | Max Length 30 |
| BankBranchName | Required | String | Max Length 30 |
| DocketCode | Required | String | Max Length 30 |
| Comment | Required | String | Max Length 30 |
| REFERENCES | | | |
| TypeCode | Required | String | Max Length 30 |
| Name | Required | String | Max Length 30 |
| Year | Required | Number | |
| Months | Required | Number | |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|------------------|-----------------|
| Address1 | Optional | String | Max Length 30 |
| Address2 | Optional | String | Max Length 30 |
| Zip | Optional | String | |
| ZipExtension | Optional | String | |
| City | Optional | String | Max Length 30 |
| StateCode | Optional | String | Max Length 30 |
| CountryCode | Required | String | Max Length 30 |
| Phone1 | Optional | Long | |
| Phone1Ext | Optional | Number | |
| Phone2 | Optional | Long | |
| Phone2Ext | Optional | Number | |
| Comment | Optional | String | Max Length 30 |
| Status | Optional | String | Max Length 30 |
| PermissionToCallPhone1 | Optional | String | Y/N |
| PermissionToCallPhone2 | Optional | String | Y/N |
| ITEMIZATIONS | | | |
| TcdCode | Optional | String | Max Length 30 |
| ItemizationTcdCode | Required | String | Max Length 30 |
| ContractValue | Required | Double | |
| ContractTerm | Optional | Number | |
| Comment | Optional | String | Max Length 30 |
| Company | Optional | String | Max Length 30 |
| PhoneOne | Optional | Long | |
| PhoneOneExtention | Optional | Number | |
| PhoneTwo | Optional | Long | |

| Request Parameter | Use | Data Type | Comments |
|---------------------------------|------------|---------------------------|-----------------|
| PhoneTwoExtension | Optional | Number | |
| PolicyNumber | Optional | String | Max Length 30 |
| PrimaryBeneficiary | Optional | String | Max Length 30 |
| SecondaryBeneficiary | Optional | String | Max Length 30 |
| EffectiveDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| ExpiryDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| CancelDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| CancelReason | Optional | String | Max Length 30 |
| CancelTermRemaining | Optional | Number | |
| CancelAmountEstimated | Optional | Number | |
| CancelAmountReceived | Optional | Number | |
| CompleteRefundReceivedIndicator | Optional | String | Y/N |
| InsuranceSubTypeCode | Optional | String | Max Length 30 |
| Address1 | Optional | String | Max Length 80 |
| Address2 | Optional | String | Max Length 80 |
| City | Optional | String | Max Length 30 |
| StateCode | Optional | String | Max Length 30 |
| Zip | Optional | String | |
| ZipExtension | Optional | String | |
| CountryCode | Optional | String | Max Length 30 |
| PaymentModeCode | Optional | String | Max Length 30 |
| PartyNumber | Optional | String | Max Length 30 |
| AccountNumber | Optional | String | Max Length 30 |
| ACHBankName | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| ACHBankRoutingNumber | Optional | String | Max Length 30 |
| ACHAccountTypeCode | Optional | String | Max Length 30 |
| ACHAccountNumber | Optional | String | Max Length 30 |
| CompanyCode | Optional | String | Max Length 30 |
| RefundAllowedIndicator | Optional | String | Max Length 30 |
| RefundCalcMethodCode | Optional | String | Max Length 30 |
| ComissionAmount | Optional | Double | |
| EscrowTypeCode | Optional | String | Max Length 30 |
| EscrowSubTypeCode | Optional | String | Max Length 30 |
| VendorId | Optional | String | Max Length 30 |
| EscrowRequiredIndicator | Optional | String | Max Length 30 |
| EscrowOptoutIndicator | Optional | String | Max Length 30 |
| EdrRule | Optional | String | Max Length 30 |
| YearlyDisburseAmount | Optional | Double | |
| MaturityDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| ReferenceAccountNumber | Optional | String | Max Length 30 |
| PropertyTaxCode | Optional | String | Max Length 30 |
| CoverageTypeCode | Optional | String | Max Length 30 |
| CoverageTerm | Optional | Double | |
| CoverageAmount | Optional | Double | |
| CushionAllowedIndicator | Optional | String | Max Length 30 |
| AddressNumber | Optional | String | Max Length 30 |
| StreetName | Optional | String | Max Length 30 |
| SuiteNumber | Optional | String | Max Length 30 |
| PinCode | Optional | String | Max Length 30 |

| Request Parameter | Use | Data Type | Comments |
|--------------------------|------------|---------------------------|-----------------|
| CancelFee | Optional | Double | |
| CancelGraceDays | Optional | Double | |
| GracePeriodFeeInd | Optional | String | Max Length 30 |
| ItemizationTypeCode | Optional | String | Max Length 30 |
| ValueApproved | Optional | Double | |
| ValueRequested | Optional | Double | |
| DiscountRate | Optional | Number | |
| DisbursementCurrencyCode | Optional | String | Max Length 30 |
| PaymentDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| PaymentRefNumber | Optional | String | Max Length 30 |
| PrefundingStatusCode | Optional | String | Max Length 30 |
| DisbursementType | Optional | String | Max Length 30 |
| INSURANCES | | | |
| PlanCode | Required | String | Max Length 30 |
| InsuranceTypeCode | Required | String | Max Length 30 |
| InsuranceSubtypeCode | Required | String | Max Length 30 |
| Company | Optional | String | Max Length 30 |
| PolicyNbr | Optional | String | Max Length 30 |
| EffectiveDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| Term | Required | Number | |
| ExpiryDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| PremiumAmount | Required | Double | |
| Phone1 | Optional | Long | |
| Phone1Extn | Optional | Number | |

| Request Parameter | Use | Data Type | Comments |
|-----------------------------------|------------|---------------------------|-----------------|
| Phone2 | Optional | Long | |
| Phone2Extn | Optional | Number | |
| PrimaryBeneficiary | Optional | String | Max Length 30 |
| SecondaryBeneficiary | Optional | String | Max Length 30 |
| CancelDate | Optional | Date(YYYY-MM-DDTHH:MM:SS) | |
| RemainingCancelTerm | Required | Number | |
| EstimatedRefundAmount | Required | Double | |
| ReceivedRefundAmount | Required | Double | |
| CompleteRefundReceivedIndicator | Required | String | Y/N |
| Comment type | Optional | String | Max Length 30 |
| CommissionAmount | Required | Double | |
| CommissionCode | Required | String | Max Length 30 |
| RefundAllowedIndicator | Required | String | Y/N |
| RefundCalculationMethodCode | Required | String | Max Length 30 |
| ContractIndicator | Required | String | Y/N |
| AcclId | Optional | Number | |
| InsuranceStatusCode | Required | String | Max Length 30 |
| CancelReasonCode | Optional | String | Max Length 30 |
| InsuranceModeCode | Required | String | Max Length 30 |
| AcclItemizationTcdCode | Optional | String | Max Length 30 |
| CancelFee | Required | Number | |
| GracePeriodFeeIndicator | Optional | String | Y/N |
| CancelGraceDays | Optional | Number | |
| DeductFeeFrom | Optional | String | Max Length 30 |
| ACCOUNT_TRACKING_ATTRIBUTE | | | |

| Request Parameter | Use | Data Type | Comments |
|------------------------------------|----------|---------------------------|---------------|
| SubParameter | Optional | String | Max Length 30 |
| Parameter | Optional | String | Max Length 30 |
| Value | Optional | String | Max Length 30 |
| CustomData | | | |
| CustomUserDefinedStringData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | String | Max Length 30 |
| CustomUserDefinedNumberData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Double | |
| CustomUserDefinedDateData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Date(YYYY-MM-DDTHH:MM:SS) | |

1.2.2 Account Search Service (GET)

Details of Account Search Request Service

| | |
|---------------------------|--|
| Service Name | AccountSearch |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/account/get-account-info |
| Service Method | GET |
| Purpose of service | This service is used to search and get the account details by various customer attributes such as accountNbr, custFname, custLname, AselidentificationNbr, SSN(last 4 digits), custPhoneNumber, custBirthDate At least one filed is required to fetch the account details |
| Input Type | Query Param |
| Authorization Key | FLL.ACCOUNTSEARCHRESOURCE.GET.GETACCOUNTSEARCH |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------------------|----------|------------------|---------------|
| accountNbr | Optional | String | Max Length 30 |
| custFname | Optional | String | Max Length 30 |
| custLname | Optional | String | Max Length 30 |
| SSN | Optional | Number | Last 4 digits |
| custPhoneNumber | Optional | Long | |
| custBirthDate | Optional | Date(YYYY-MM-DD) | |
| AselidentificationNbr | Optional | String | Max Length 30 |

Note: When there are more than one result for a certain input parameter and if system parameter value for XWS_ACS_RESP_MULTI_RECORD_IND is “N” then system displays an error message as ‘Too Many Records Found ! Please Search by Adding One More Parameter’.

In case if system parameter value for XWS_ACS_RESP_MULTI_RECORD_IND is “Y” then response will show multiple records.

1.2.3 Account Detail Service (GET)

Details of Account Detail Service

| | |
|---------------------------|--|
| Service Name | Account Detail Service |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/accountdetail/get-account-detail-info |
| Service Method | GET |
| Purpose of service | This service is used to get the account information by providing the Account number as input request |
| Input Schema | accountdetail.xsd |
| Input Type | Query Param |
| Authorization Key | FLL.ACCOUNTDETAILRESOURCE.GET.GETACCOUNTDETAIL |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|----------|-----------|-------------------------------|
| number | Required | String | Account Number, Max Length 30 |

1.2.4 Account Comments (GET)

Details of Account Comments GET Service

| | |
|---------------------------|--|
| Service Name | Account Comments |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/servicing/account/{number}/comments |
| Service Method | GET |
| Purpose of service | This service is used to list account comments available for current account. |
| Input Schema | accountcomments.xsd |
| Input Type | Path Param |
| Authorization Key | FLL.ACCOUNTCOMMENTRESOURCE.GET.GETCOMMENTS |

Input Attribute Parameters

| Request Parameter | Use | Data Type | Comments |
|-------------------|----------|-----------|-------------------------------|
| number | Required | String | Account Number, Max Length 30 |

1.2.5 Account Comments (POST)

Details of Account Comment POST Service

| | |
|---------------------------|--|
| Service Name | Account Comments |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/servicing/account/comment |
| Service Method | POST |
| Purpose of service | This service is used to post single or multiple comments for the account. |
| Input Schema | applicationcomments.xsd |
| Input Type | application/json or application/xml. |
| Authorization Key | FLL.ACCOUNTCOMMENTRESOURCE.POST.POSTCOMMENTS |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|----------|-----------|---------------|
| UserCode | Optional | String | Max Length 30 |

| Attribute | Use | Data Type | Comments |
|------------------------------------|----------|------------------|-----------------|
| AccountCommentCreateRequest | | | |
| AccountNbr | Required | String | Max Length 30 |
| AccountComments | | | |
| Alert | Required | String | Y/N |
| Type | Required | String | Max Length 30 |
| SubType | Required | String | Max Length 30 |
| Comment | Required | String | Max Length 4000 |
| Custom | | | |
| CustomUserDefinedStringData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | String | Max Length 30 |
| CustomUserDefinedNumberData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Double | |
| CustomUserDefinedDateData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Date(YYYY-MM-DD) | |

1.2.6 **Account Document Upload (POST)**

Details of Account Document Upload Service

| | |
|---------------------------|---|
| Service Name | Account Document Upload |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/servicing/account/{number}/document |
| Service Method | POST |
| Purpose of service | This service is used to upload a document for an account. This service has restriction on documents extension like '.exe', '.sh' and '.sql' |

| | |
|--------------------------|--|
| Input Schema | accountdocumentprocessing.xsd |
| Input Type | multipart_form_data |
| Authorization Key | FLL.ACCOUNTDOCUMENTPROCESSINGRESOURCE.POST.UPLOAD ACCOUNTDOCUMENT |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-------------------------------|----------|------------------|----------------|
| AccountDocument | | | |
| AccountNumber | Required | String | Max Length 30 |
| DocumentType | Required | String | Max Length 30 |
| Comments | Optional | String | Max Length 240 |
| AccountDocumentDetails | | | |
| AccountNumber | Required | String | Max Length 30 |
| PageNumber | Required | String | Max Length 30 |
| FileType | Required | String | Max Length 30 |
| TrackerNumber | Optional | String | Max Length 30 |
| DockerNumber | Optional | String | Max Length 30 |
| Location | Optional | String | Max Length 30 |
| ReceivedDate | Optional | Date(MM-DD-YYYY) | |
| ExpiryDate | Optional | Date(MM-DD-YYYY) | |
| EffectiveDate | Optional | Date(MM-DD-YYYY) | |
| Comment | Optional | String | Max Length 240 |
| DocumentID | Optional | String | Max Length 30 |
| DocumentSubType | Optional | String | Max Length 30 |

1.2.7 Account Documents List Service (GET)

Details of Account Documents List Service

| | |
|---------------------------|---|
| Service Name | Account Documents List |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/servicing/account/{number}/documents |
| Service Method | GET |
| Purpose of service | This service is used to list account documents. |
| Input Type | Path Param |
| Authorization Key | FLL.ACCOUNTDOCUMENTPROCESSINGRESOURCE.GET.LISTACCOUNTDOCUMENTS |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|----------|-----------|--------------------------------|
| number | Required | String | Account Number , Max Length 30 |

1.2.8 Account Document Download Service (GET)

Details of Account Document Download Service

| | |
|---------------------------|--|
| Service Name | Account Document Download |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/servicing/account/{number}/document/{documentId} |
| Service Method | GET |
| Purpose of service | This service is used to download single document from an account. This service should be used in conjunction with Account Documents List. In case of success response ,response type will be application_octet_stream |
| Input Type | Path Param |
| Authorization Key | FLL.ACCOUNTDOCUMENTPROCESSINGRESOURCE.GET.DOWNLOADACCOUNTDOCUMENT |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|------------|----------|-----------|--------------------------------|
| number | Required | String | Account Number , Max Length 30 |
| documentId | Required | String | Max Length 30 |

1.2.9 Generic Post Transaction (POST)

Details of Generic Post Transaction Service

| | |
|---------------------------|---|
| Service Name | Generic Post Transaction. |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/ generic-post-transaction/post-transaction |
| Service Method | POST |
| Purpose of service | This service is used to post a monetary / non-monetary and producer transactions. Multiple transactions can be posted by providing the parameters for different transactions in the order in which each transaction needs to be posted. |
| Input Schema | genpostxn.xsd |
| Input Type | application/json or application/xml |
| Authorization Key | FLL.GENERICPOSTTRANSACTIONRESOURCE.POST.GENERICPOSTTXN |

The following Transaction Action types are allowed through generic post transaction web service:

- 'ADJUST_MINUS'
- 'ADJUST_PLUS'
- 'CHGOFF'
- 'POST'
- 'TERMINATE'
- 'VOID'
- 'WAIVE'

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|---------------------------------|----------|-----------|--|
| UserCode | Optional | String | Max Length 30 |
| TransactionDetails | | | |
| TransactionType | Required | String | GenericPostTransaction / ProducerTransaction |
| EntityReferenceNumber | Required | String | Max Length 30 |
| TransactionCode | Required | String | Max Length 30 |
| TransactionDateParameter | | | |

| Attribute | Use | Data Type | Comments |
|-----------------------------------|----------|------------------|---------------|
| ParameterName | Required | String | Max Length 30 |
| ParameterValue | Required | Date(YYYY-MM-DD) | |
| TransactionStringParameter | | | |
| ParameterName | Required | String | Max Length 30 |
| ParameterValue | Required | String | Max Length 30 |
| TransactionNumberParameter | | | |
| ParameterName | Required | String | Max Length 30 |
| ParameterValue | Required | Double | |

1.2.10 Call Activity (POST)

Details of Call Activity Service

| | |
|---------------------------|---|
| Service Name | Call Activity |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/call-activity/post-call-activity |
| Service Method | POST |
| Purpose of service | This service is used to post the Call Activity. Service can be used to post a single or multiple call activities. |
| Input Schema | callactivity.xsd |
| Input Type | application/json or application/xml |
| Authorization Key | FLL.CALLACTIVITYRESOURCE.POST.EXECUTECALLACTIVITY |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|---------------------|----------|-----------|---------------|
| User Code | Optional | String | Max Length 30 |
| CallActivity | | | |
| Account Number | Required | String | Max Length 30 |
| Action | Required | String | Max Length 30 |

| Attribute | Use | Data Type | Comments |
|------------------------------------|----------|---------------------------|---------------|
| ResultCode | Required | String | Max Length 30 |
| Contact | Optional | String | |
| Reason | Optional | String | Max Length 30 |
| PromiseDate | Optional | Date(YYYY-MM-DD) | |
| PromisedAmount | Optional | BigDecimal | |
| Condition | Optional | String | Max Length 30 |
| Appointment | Optional | String | Y/N |
| FollowUpDate | Required | Date(YYYY-MM-DD) | |
| TimeZone | Optional | String | Max Length 30 |
| GroupFollowUp | Optional | String | Y/N |
| Comment | Optional | String | Max Length 30 |
| CustomUserDefinedStringData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | String | Max Length 30 |
| CustomUserDefinedNumberData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Double | |
| CustomUserDefinedDateData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Date(YYYY-MM-DDTHH:MM:SS) | |

1.2.11 Payment Posting (POST)

Details of Payment posting Service

| | |
|---------------------------|---|
| Service Name | Payment Posting |
| Service URL | http://<Host>:<Port>/ <Context>/service/api/resources/paymentpost/ payment-post |
| Service Method | POST |
| Purpose of service | This service is used to post or reverse the payment for an account. Single or multiple payment can be posted/reversed for an account. |
| Input Schema | paymentposting.xsd |
| Input Type | application/json or application/xml |
| Authorization Key | FLL.PAYMENTPOSTINGRESOURCE.POST.EXECUTEPAYMENTPOSTING |

Note: Payments posted using this service will not be displayed in Payment Maintenance screen.

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|------------------------------------|----------|------------------|---------------|
| UserCode | Optional | String | Max Length 30 |
| PaymentPosting | | | |
| GroupSubTypeCode | Required | String | Max Length 30 |
| AccountNumber | Required | String | Max Length 30 |
| PaymentDate | Required | Date(YYYY-MM-DD) | |
| PaymentAmount | Required | Double | |
| PaymentModeCode | Optional | String | Max Length 30 |
| ReasonCode | Optional | String | Max Length 30 |
| PaymentReference | Optional | String | Max Length 30 |
| PaymentComment | Optional | String | Max Length 30 |
| CurrencyCode | Required | String | Max Length 30 |
| Action | Required | String | Max Length 30 |
| Custom | | | |
| CustomUserDefinedStringData | | | |

| Attribute | Use | Data Type | Comments |
|------------------------------------|----------|------------------|---------------|
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | String | Max Length 30 |
| CustomUserDefinedNumberData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Double | |
| CustomUserDefinedDateData | | | |
| KeyName | Required | String | Max Length 30 |
| KeyValue | Required | Date(YYYY-MM-DD) | |

1.2.12 Lookups Service (GET)

Details of Lookups Request Service

| | |
|---------------------------|---|
| Service Name | Lookups Service |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/lookups |
| Service Method | GET |
| Purpose of service | This service is used to fetch Lookups code by Lookup type and Lookup Description. At least one filed is required to fetch the lookup code. |
| Input Schema | lookups.xsd |
| Input Type | Query Param |
| Authorization Key | FLL.LOOKUPSRESOURCE.GET.GETLOOKUPSEARCH |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|------------|----------|-----------|---------------|
| lookupType | Optional | String | Max Length 30 |
| lookupDesc | Optional | String | Max Length 80 |

1.2.13 Asset Type Service (GET)

Details of Asset Types Service

| | |
|---------------------------|---|
| Service Name | Assets |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/setup/assets |
| Service Method | GET |
| Purpose of service | This service is used to fetch all the Asset Types based on Asset Type, Asset Description, Producer Number, Collateral Type Code |
| Input Schema | productsassets.xsd |
| Input Type | Query Param |
| Authorization Key | FLL.PRODUCTSASSETSRESOURCE.GET.GETASSETTYPES |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|--------------------|----------|-----------|---------------|
| assetType | Optional | String | Max Length 30 |
| assetDescription | Optional | String | Max Length 80 |
| producerNumber | Required | String | Max Length 30 |
| collateralTypeCode | Optional | String | Max Length 30 |

1.2.14 Asset Subtype Service (GET)

Details of Asset SubTypes Service

| | |
|---------------------------|---|
| Service Name | Asset SubType |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/setup/assetssubtypes |
| Service Method | GET |
| Purpose of service | This service is used to fetch the Asset Subtype based on Asset Type, Asset SubType, Asset SubType Description Number, Producer Number |
| Input Schema | productsassets.xsd |
| Input Type | Query Param |
| Authorization Key | FLL.PRODUCTSASSETSRESOURCE.GET.GETASSETSUBTYPES |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|-----|-----------|----------|
|-----------|-----|-----------|----------|

| | | | |
|------------------|----------|--------|---------------|
| assetType | Required | String | Max Length 30 |
| assetSubType | Optional | String | Max Length 30 |
| assetSubTypeDesc | Optional | String | Max Length 80 |
| producerNumber | Required | String | Max Length 30 |

1.2.15 Products Service(GET)

Details of Products Service

| | |
|---------------------------|--|
| Service Name | Products |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/setup/products |
| Service Method | GET |
| Purpose of service | This service is used to fetch all the Products based on Product Type, Product Description Type, Collateral Type, Collateral SubType, Bill Cycle Code, Direct Indicator, Flexible Repayment Indicator |
| Input Schema | productsassets.xsd |
| Input Type | Query Param |
| Authorization Key | FLL.PRODUCTSASSETSRESOURCE.GET.GETPRODUCTS |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|----------------------------|----------|-----------|---------------|
| productType | Optional | String | Max Length 30 |
| productDescType | Optional | String | Max Length 80 |
| collateralType | Optional | String | Max Length 30 |
| collateralSubType | Optional | String | Max Length 30 |
| billCycleCode | Optional | String | Max Length 30 |
| directIndicator | Optional | String | Y/N |
| flexibleRepaymentIndicator | Optional | String | Y/N |

1.2.16 Scheduler Service (POST)

Details of Scheduler Service

| | |
|---------------------------|---|
| Service Name | Scheduler Service |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/scheduler/executeJobSet |
| Service Method | POST |
| Purpose of service | This service is used to controls the OFSLL job set by passing the job operation like start and stop and also this service is used to get the job details. This service can start only the failed job. |
| Input Schema | scheduler.xsd |
| Input Type | application/json or application/xml. |
| Authorization Key | FLL.SCHEDULERRESOURCE.POST.EXECUTEJOBSET |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|----------------------|----------|-------------------|---------------|
| UserCode | Optional | String | Max Length 30 |
| JobSetDetails | | | |
| Code | Required | String | Max Length 30 |
| Description | Optional | String | Max Length 80 |
| EnabledInd | Optional | String | Max Length 30 |
| ParentCode | Optional | String | Max Length 30 |
| Dependency | Optional | String | Max Length 30 |
| Frequency | Optional | String | Max Length 30 |
| FrequencyValue | Optional | String | Max Length 30 |
| Status | Optional | String | Max Length 30 |
| StartTime | Optional | Date (YYYY-MM-DD) | |
| LastRunDate | Optional | Date (YYYY-MM-DD) | |
| NextRunDate | Optional | Date (YYYY-MM-DD) | |

| | | | |
|----------------------|----------|-------------------|---------------------------------------|
| CriticalityIndicator | Optional | String | Max Length 30 |
| CreatedBy | Optional | String | Max Length 30 |
| CreationDate | Optional | Date (YYYY-MM-DD) | |
| LastUpdatedBy | Optional | String | Max Length 30 |
| LastUpdatedDate | Optional | Date (YYYY-MM-DD) | |
| Actions | | | |
| Code | Required | String | *(QUERY/START/STOP) Max Length 100 |

1.2.17 Scheduler Force Re-Submit Service

Details of Scheduler Force Re-Submit Service

| | |
|---------------------------|---|
| Service Name | Scheduler Force Re-Submit Service |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/scheduler/forceresubmit |
| Service Method | PUT |
| Purpose of service | This service is used to controls the OFSLL job set by passing the job operation like start and stop and also this service is used to get the job details. This service can forcefully start job having failed, ready, completed status. |
| Input Schema | scheduler.xsd |
| Input Type | application/json or application/xml. |
| Authorization Key | FLL.SCHEDULERRESOURCE.PUT.FORCERESUBMIT |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|---------------|----------|-----------|---------------|
| UserCode | Optional | String | Max Length 30 |
| JobSetDetails | | | |
| Code | Required | String | Max Length 30 |
| Description | Optional | String | Max Length 80 |

| | | | |
|----------------------|------------|------------------|---------------------------------------|
| EnabledInd | Optional | String | Max Length 30 |
| ParentCode | Optional | String | Max Length 30 |
| Attribute | Use | Data Type | Comments |
| Dependency | Optional | String | Max Length 30 |
| Frequency | Optional | String | Max Length 30 |
| FrequencyValue | Optional | String | Max Length 30 |
| Status | Optional | String | Max Length 30 |
| StartTime | Optional | Date(YYYY-MM-DD) | |
| LastRunDate | Optional | Date(YYYY-MM-DD) | |
| NextRunDate | Optional | Date(YYYY-MM-DD) | |
| CriticalityIndicator | Optional | String | Max Length 30 |
| CreatedBy | Optional | String | Max Length 30 |
| CreationDate | Optional | Date(YYYY-MM-DD) | |
| LastUpdatedBy | Optional | String | Max Length 30 |
| LastUpdatedDate | Optional | Date(YYYY-MM-DD) | |
| Actions | | | |
| Code | Required | String | *(QUERY/START/STOP) Max Length 100 |

* Note the following:

- QUERY is used to get Jobset Code Details
- START is used to the Start the Jobset
- STOP is used to the Stop the Jobset

1.2.18 Dialer Integrator Service (POST)

Details of Dialer Integrator Service

| | |
|---------------------|-------------------|
| Service Name | Dialer Integrator |
|---------------------|-------------------|

| | |
|---------------------------|---|
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/dialerintegration/dialerIntegratorService |
| Service Method | POST |
| Purpose of service | Dialer interface service will enables OFSLL to integrate with an Auto Dialer application that can be leveraged for collection activities. |
| Input Schema | dialerintegration.xsd |
| Input Type | application/json or application/xml. |
| Authorization Key | FLL.DIALERINTEGRATIONRESOURCE.POST.PUSHCUSTOMERACCOUNT |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|---------------|----------|-----------|---------------|
| UserCode | Optional | String | Max Length 30 |
| AccountNumber | Required | String | Max Length 30 |

1.2.19 Incoming File (POST)

Details of Incoming File Service

| | |
|---------------------------|---|
| Service Name | Incoming File |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/setup/incomingfile |
| Service Method | POST |
| Purpose of service | This service is used to upload an file in the CLOB format in FLL |
| Input Schema | incomingfile.xsd |
| Input Type | multipart/form-data |
| Authorization Key | FLL.INCOMINGFILERESOURCE.POST.INCOMINGFILE |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|----------|-----------|---------------|
| File | Required | File | |
| fileType | Required | String | Max Length 30 |

1.2.20 Outgoing File List (GET)

Details of Outgoing File List Service

| | |
|----------------------------|--|
| Service Name | Outgoing File List |
| Service Description | This service is used to get the detailed list of available files in FLL. |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/ setup/outgoingfile |
| Service Method | GET |
| Purpose of service | This service is used to get the detailed list of available files in FLL., viz., file id, file name and file creation date by passing the input request fileName, toDate and fromDate in the input. |
| Input Schema | outgoingfilelist.xsd |
| Input Type | Query param. |
| Return Type | application/json or application/xml. |
| Authorization Key | FLL.OUTGOINGFILELISTRESOURCE.GET.GETOUTGOINGFILELIST |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|-----------|----------|-------------------|---------------|
| filename | Required | String | Max Length 30 |
| fromDate | Required | Date (YYYY-MM-DD) | |
| toDate | Required | Date (YYYY-MM-DD) | |

1.2.21 Outgoing File (GET)

Details of Outgoing File Service

| | |
|---------------------------|---|
| Service Name | Outgoing file |
| Service URL | http://<Host>:<Port>/<Context>/service/api/resources/ setup/outgoingfile/{fileId} |
| Service Method | GET |
| Purpose of service | This service is used to download single document from an FLL. This service should be used in conjunction with Outgoing File List. |
| Input Schema | outgoingfile.xsd |

| | |
|--------------------------|---|
| Input Type | Path param. |
| Authorization Key | FLL.OUTGOINGFILEREASURE.GET.GETOUTGOINGFILE |

Input Attribute Parameters

| Attribute | Use | Data Type | Comments |
|------------------|------------|------------------|-----------------|
| fileId | Required | Decimal | |

2. Appendix: Revision History

2.1.1 Changes for web services Patch released

| Section | Section Name | Release Version | Description of Change |
|---------|---|-----------------|--|
| 1.2 | Details of Web Services with Input Attribute Parameters | 14.4.0.0.0 | Following webservices are added: <ul style="list-style-type: none">• Get Account Comments• Post Account Comments• Asset Type Service• Asset SubType Service• Products Service• Scheduler Service• Scheduler Force Re-Submit Service• Account Document Upload Service• Account Document Download Service• Account Documents List Service• Incoming File Service• Outgoing File List Service• Outgoing File Service Following webservice is updated: <ul style="list-style-type: none">• Lookups Service |
| | | | |
| | | | |