

ESIGN API

API Specification Document

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This document needs to be completed by BSG & IT/Vendor for each Application /API.

Introduction

List of API

Sr. No	Name	Description
1	ESIGN API	Provides Aadhar based verification details using the OTP for esign, Once the customer requested, then an OTP will be sent, and PDF format of esign details will be provided in encrypt format

API Name

ESIGNAPI

Description :

This is ESIGN API provides the digital sign of aadhar based details.

Transport protocol (SOAP / REST): REST

API Request URLs

UAT

<https://apideveloper.rblbank.com/test/sb/rbl/v1/Esigngeneration/esign>

<https://apideveloper.rblbank.com/test/sb/rbl/v1/Esigngeneration/generateotp>

Access Requirement

Request Parameters for OTP

Business Parameter	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments
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Name					
`TranID	It is unique transaction id	TranID	String	Length should be 39 chars and allows alphanumeric	Header section
Corpid	Corporate ID	Corp_ID	String	Length 20 alpha numeric	Header section
Aadharid	Aadharid	aadharNo	String		Body section
Signature					Signature section

Request parmeters for ESign

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments
`TranID	It is unique transaction id	TranID	String	Length should be 16 chars and allows alphanumeric	Header section
Corpid	Corporate ID	Corp_ID	String	Length 20 alpha numeric	Header section
pagetobeSigned	Pagelevel	pagetobeSigned	String		Body section
Pagelevelcoorindates	Takes latitude, longitude params	PagelevelCoordinates	String		Body Section
Coordinate	Lat, longitude	Coordinates	String		Body Section
Aadhar	aadharNo	Aadhar No	String		Body Section
OTP	Otp number	Otp	String		BodySection
Cosign	Cosign	Cosign	String		Body section
Reason	Reason	Reason	String		Body Section
Location	Location	Location	String		Body section

Signer name	Signer	Singername	String		Body
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	name				Section
PDFDATA	PDF DATA	PDFDATA	String		Body section

Request Sample for OTP

```
{
  "GenerateOTP":
    { "Header": {
      "TranID": "100",
      "Corp_ID": "ZSA01"
    },
    "Body": {
      "aadharNo": "229281402829"
    },

    "Signature": {
      "Signature": ""
    }
  }
}
```

Request Sample for Esign:

```
{
  "ESign": {
    "Header": {
      "TranID": "UID59ZSA01",
      "Corp_ID": "ZSA01"
    },
    "Body": {
      "ESIGN_INFO": { "pageToBeSigned":
        "PageLevel",
        "pageLevelCoordinates": "1-10,20,100,200;2-100,200,10,20", "coordinate": "BottomRight",
        "aadharNo": "229281402829",
        "otp": "393967",
        "cosign": "false", "reason":
        "testing", "location":
        "mumbai", "signerName":
        "someone"
      },
      "PDF_INFO": {
        "pdfData":
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Parameter Name		Name	r Type	Constraints	
Tranid		Tranid	String	Length is 39 chars alphanumeric	Header
CorpId		Corp_ID	String	Corpid alpha numeric	Header
UID_Refno		UIDrefno	String	String	Header
Status		Status	String	String	Body Section
Message		Message	Message	String	Body Section
Signature		Signature	Signature	String	Signature

response parms for Esign response

Business Parameter Name	Description	Parameter Name	Parameter Type	Parameter Constraints	Comments
Tranid		Tranid	String	Length is 39 chars alphanumeric	Header
CorpId		Corp_ID	String	Corpid alpha numeric	Header
Status		Status	String	String	Body Section
Message		Message	Message	String	Body Section
SignedPDF		SignedPDF	String	String	Body Section
Signature		Signature	Signature	String	Signature

Response Sample for otp response

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Esign response:

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  }},
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l0vRFl8PC9YT2JqZWNoPDwvRlJNIDggMCAvYmoKMzUgMCAvYmoKWzI0IDAgUi9YWVogMCA5NjAgMF0
KZW5kb2JqCjM3IDAgb2JqCjw8L05hbWVzIDM
1IDAgUi9UeXBIL0NhdGFsb2cvQWNYb0ZvcM08PC9GaWVsZHNbMTAgMCAvYmoKMzUgMCBSL1hZW
l0vRFl8PC9YT2JqZWNoPDwvRlJNIDggMCAvYmoKMzUgMCAvYmoKWzI0IDAgUi9YWVogMCA5NjAgMF0
KZW5kb2JqCjM4IDAgb2JqCjw8L05hbWVzIDM
1IDAgUi9UeXBIL0NhdGFsb2cvQWNYb0ZvcM08PC9GaWVsZHNbMTAgMCAvYmoKMzUgMCBSL1hZW
l0vRFl8PC9YT2JqZWNoPDwvRlJNIDggMCAvYmoKMzUgMCAvYmoKWzI0IDAgUi9YWVogMCA5NjAgMF0
KZW5kb2JqCjM5IDAgb2JqCjw8L05hbWVzIDM
1IDAgUi9Ue

Response Codes

Error Codes

110		Aadhaar number does not have verified mobile/email	Aadhaar number does not have verified mobile/email		

Appendix

List of mandatory tags in request OTp

		TITLE			
FIELDS	TAGS MANDATORY		VALUES MANDATORY		
TranID	TranID		TranID		
Corpid	Corp_id		corpID		
otp	Otp		Otp		

Request parameters for esign

		TITLE			
FIELDS	TAGS MANDATORY		VALUES MANDATORY		
TranID	TranID		TranID		
Corpid	Corp_id		corpID		
UID_refno Pagetobesigned, Pagelevel coordinates, Coordinate,aadharno Otp, cosign, location, reason, signername, PDFData	UIDrefno		UIDrefno		

		ERROR			
FIELDS			TAGS MANDATORY	VALUES MANDATORY	

